

TABLE 6-continued

R ⁶	R ⁷	R ⁸	X	Base	R ¹⁰	R ⁹
CF ₃	O-amino acid	Br	O	2-N-acetylamino-8-methylhypoxanthine	Cl	H
CF ₃	O-amino acid	Br	O	6-Methylthymine	Cl	O-amino acid
CF ₃	O-amino acid	Br	O	6-Methyluracil	Cl	O-amino acid
CF ₃	O-amino acid	Br	O	8-Methylguanine	Cl	O-amino acid
CF ₃	O-amino acid	Br	O	6-Methylcytosine	Cl	O-amino acid
CF ₃	O-amino acid	Br	O	8-Methyladenine	Cl	O-amino acid
CF ₃	O-amino acid	Br	O	8-Methylhypoxanthine	Cl	O-amino acid
CF ₃	O-amino acid	Br	O	5-Fluoro-6-Methyluracil	Cl	O-amino acid
CF ₃	O-amino acid	Br	O	5-Fluoro-6-Methylcytosine	Cl	O-amino acid
CF ₃	O-amino acid	Br	O	2-Fluoro-8-methyladenine	Cl	O-amino acid
CF ₃	O-amino acid	Br	O	2-Fluoro-8-methylhypoxanthine	Cl	O-amino acid
CF ₃	O-amino acid	Br	O	2-Amino-8-methyladenine	Cl	O-amino acid
CF ₃	O-amino acid	Br	O	2-Amino-8-methylhypoxanthine	Cl	O-amino acid
CF ₃	O-amino acid	Br	O	2-N-acetyl-8-methylguanine	Cl	O-amino acid
CF ₃	O-amino acid	Br	O	4-N-acetyl-8-methylcytosine	Cl	O-amino acid
CF ₃	O-amino acid	Br	O	6-N-acetyl-8-methyladenine	Cl	O-amino acid
CF ₃	O-amino acid	Br	O	4-N-acetyl-5-fluoro-8-methylcytosine	Cl	O-amino acid
CF ₃	O-amino acid	Br	O	6-N-acetyl-2-fluoro-8-methyladenine	Cl	O-amino acid
CF ₃	O-amino acid	Br	O	6-N-acetyl-2-amino-8-methyladenine	Cl	O-amino acid
CF ₃	O-amino acid	Br	O	2-N-acetylamino-8-methyladenine	Cl	O-amino acid
CF ₃	O-amino acid	Br	O	2-N-acetylamino-8-methylhypoxanthine	Cl	O-amino acid
CF ₃	O-amino acid	Br	O	6-Methylthymine	Cl	O-acyl
CF ₃	O-amino acid	Br	O	6-Methyluracil	Cl	O-acyl
CF ₃	O-amino acid	Br	O	8-Methylguanine	Cl	O-acyl
CF ₃	O-amino acid	Br	O	6-Methylcytosine	Cl	O-acyl
CF ₃	O-amino acid	Br	O	8-Methyladenine	Cl	O-acyl
CF ₃	O-amino acid	Br	O	8-Methylhypoxanthine	Cl	O-acyl
CF ₃	O-amino acid	Br	O	5-Fluoro-6-Methyluracil	Cl	O-acyl
CF ₃	O-amino acid	Br	O	5-Fluoro-6-Methylcytosine	Cl	O-acyl
CF ₃	O-amino acid	Br	O	2-Fluoro-8-methyladenine	Cl	O-acyl
CF ₃	O-amino acid	Br	O	2-Fluoro-8-methylhypoxanthine	Cl	O-acyl
CF ₃	O-amino acid	Br	O	2-Amino-8-methyladenine	Cl	O-acyl
CF ₃	O-amino acid	Br	O	2-Amino-8-methylhypoxanthine	Cl	O-acyl
CF ₃	O-amino acid	Br	O	2-N-acetyl-8-methylguanine	Cl	O-acyl
CF ₃	O-amino acid	Br	O	4-N-acetyl-8-methylcytosine	Cl	O-acyl
CF ₃	O-amino acid	Br	O	6-N-acetyl-8-methyladenine	Cl	O-acyl
CF ₃	O-amino acid	Br	O	4-N-acetyl-5-fluoro-8-methylcytosine	Cl	O-acyl
CF ₃	O-amino acid	Br	O	6-N-acetyl-2-fluoro-8-methyladenine	Cl	O-acyl
CF ₃	O-amino acid	Br	O	6-N-acetyl-2-amino-8-methyladenine	Cl	O-acyl
CF ₃	O-amino acid	Br	O	2-N-acetylamino-8-methyladenine	Cl	O-acyl
CF ₃	O-amino acid	Br	O	2-N-acetylamino-8-methylhypoxanthine	Cl	O-acyl
CF ₃	O-amino acid	Br	O	6-Methylthymine	Cl	OH
CF ₃	O-amino acid	Br	O	6-Methyluracil	Cl	OH
CF ₃	O-amino acid	Br	O	8-Methylguanine	Cl	OH
CF ₃	O-amino acid	Br	O	6-Methylcytosine	Cl	OH
CF ₃	O-amino acid	Br	O	8-Methyladenine	Cl	OH
CF ₃	O-amino acid	Br	O	8-Methylhypoxanthine	Cl	OH
CF ₃	O-amino acid	Br	O	5-Fluoro-6-Methyluracil	Cl	OH
CF ₃	O-amino acid	Br	O	5-Fluoro-6-Methylcytosine	Cl	OH
CF ₃	O-amino acid	Br	O	2-Fluoro-8-methyladenine	Cl	OH
CF ₃	O-amino acid	Br	O	2-Fluoro-8-methylhypoxanthine	Cl	OH
CF ₃	O-amino acid	Br	O	2-Amino-8-methyladenine	Cl	OH
CF ₃	O-amino acid	Br	O	2-Amino-8-methylhypoxanthine	Cl	OH
CF ₃	O-amino acid	Br	O	2-N-acetyl-8-methylguanine	Cl	OH
CF ₃	O-amino acid	Br	O	4-N-acetyl-8-methylcytosine	Cl	OH
CF ₃	O-amino acid	Br	O	6-N-acetyl-8-methyladenine	Cl	OH
CF ₃	O-amino acid	Br	O	4-N-acetyl-5-fluoro-8-methylcytosine	Cl	OH
CF ₃	O-amino acid	Br	O	6-N-acetyl-2-fluoro-8-methyladenine	Cl	OH
CF ₃	O-amino acid	Br	O	6-N-acetyl-2-amino-8-methyladenine	Cl	OH
CF ₃	O-amino acid	Br	O	2-N-acetylamino-8-methyladenine	Cl	OH
CF ₃	O-amino acid	Br	O	2-N-acetylamino-8-methylhypoxanthine	Cl	OH
CF ₃	O-amino acid	Br	O	6-Methylthymine	H	H
CF ₃	O-amino acid	Br	O	6-Methyluracil	H	H
CF ₃	O-amino acid	Br	O	8-Methylguanine	H	H
CF ₃	O-amino acid	Br	O	6-Methylcytosine	H	H
CF ₃	O-amino acid	Br	O	8-Methyladenine	H	H
CF ₃	O-amino acid	Br	O	8-Methylhypoxanthine	H	H
CF ₃	O-amino acid	Br	O	5-Fluoro-6-Methyluracil	H	H
CF ₃	O-amino acid	Br	O	5-Fluoro-6-Methylcytosine	H	H
CF ₃	O-amino acid	Br	O	2-Fluoro-8-methyladenine	H	H
CF ₃	O-amino acid	Br	O	2-Fluoro-8-methylhypoxanthine	H	H
CF ₃	O-amino acid	Br	O	2-Amino-8-methyladenine	H	H
CF ₃	O-amino acid	Br	O	2-Amino-8-methylhypoxanthine	H	H

TABLE 6-continued

R ⁶	R ⁷	R ⁸	X	Base	R ¹⁰	R ⁹
CF ₃	O-amino acid	Br	O	2-N-acetyl-8-methylguanine	H	H
CF ₃	O-amino acid	Br	O	4-N-acetyl-8-methylcytosine	H	H
CF ₃	O-amino acid	Br	O	6-N-acetyl-8-methyladenine	H	H
CF ₃	O-amino acid	Br	O	4-N-acetyl-5-fluoro-8-methylcytosine	H	H
CF ₃	O-amino acid	Br	O	6-N-acetyl-2-fluoro-8-methyladenine	H	H
CF ₃	O-amino acid	Br	O	6-N-acetyl-2-amino-8-methyladenine	H	H
CF ₃	O-amino acid	Br	O	2-N-acetylamino-8-methyladenine	H	H
CF ₃	O-amino acid	Br	O	2-N-acetylamino-8-methylhypoxanthine	H	H
CF ₃	O-amino acid	Br	O	6-Methylthymine	H	O-amino acid
CF ₃	O-amino acid	Br	O	6-Methyluracil	H	O-amino acid
CF ₃	O-amino acid	Br	O	8-Methylguanine	H	O-amino acid
CF ₃	O-amino acid	Br	O	6-Methylcytosine	H	O-amino acid
CF ₃	O-amino acid	Br	O	8-Methyladenine	H	O-amino acid
CF ₃	O-amino acid	Br	O	8-Methylhypoxanthine	H	O-amino acid
CF ₃	O-amino acid	Br	O	5-Fluoro-6-Methyluracil	H	O-amino acid
CF ₃	O-amino acid	Br	O	5-Fluoro-6-Methylcytosine	H	O-amino acid
CF ₃	O-amino acid	Br	O	2-Fluoro-8-methyladenine	H	O-amino acid
CF ₃	O-amino acid	Br	O	2-Fluoro-8-methylhypoxanthine	H	O-amino acid
CF ₃	O-amino acid	Br	O	2-Amino-8-methyladenine	H	O-amino acid
CF ₃	O-amino acid	Br	O	2-Amino-8-methylhypoxanthine	H	O-amino acid
CF ₃	O-amino acid	Br	O	2-N-acetyl-8-methylguanine	H	O-amino acid
CF ₃	O-amino acid	Br	O	4-N-acetyl-8-methylcytosine	H	O-amino acid
CF ₃	O-amino acid	Br	O	6-N-acetyl-8-methyladenine	H	O-amino acid
CF ₃	O-amino acid	Br	O	4-N-acetyl-5-fluoro-8-methylcytosine	H	O-amino acid
CF ₃	O-amino acid	Br	O	6-N-acetyl-2-fluoro-8-methyladenine	H	O-amino acid
CF ₃	O-amino acid	Br	O	6-N-acetyl-2-amino-8-methyladenine	H	O-amino acid
CF ₃	O-amino acid	Br	O	2-N-acetylamino-8-methyladenine	H	O-amino acid
CF ₃	O-amino acid	Br	O	2-N-acetylamino-8-methylhypoxanthine	H	O-amino acid
CF ₃	O-amino acid	Br	O	6-Methylthymine	H	O-acyl
CF ₃	O-amino acid	Br	O	6-Methyluracil	H	O-acyl
CF ₃	O-amino acid	Br	O	8-Methylguanine	H	O-acyl
CF ₃	O-amino acid	Br	O	6-Methylcytosine	H	O-acyl
CF ₃	O-amino acid	Br	O	8-Methyladenine	H	O-acyl
CF ₃	O-amino acid	Br	O	8-Methylhypoxanthine	H	O-acyl
CF ₃	O-amino acid	Br	O	5-Fluoro-6-Methyluracil	H	O-acyl
CF ₃	O-amino acid	Br	O	5-Fluoro-6-Methylcytosine	H	O-acyl
CF ₃	O-amino acid	Br	O	2-Fluoro-8-methyladenine	H	O-acyl
CF ₃	O-amino acid	Br	O	2-Fluoro-8-methylhypoxanthine	H	O-acyl
CF ₃	O-amino acid	Br	O	2-Amino-8-methyladenine	H	O-acyl
CF ₃	O-amino acid	Br	O	2-Amino-8-methylhypoxanthine	H	O-acyl
CF ₃	O-amino acid	Br	O	2-N-acetyl-8-methylguanine	H	O-acyl
CF ₃	O-amino acid	Br	O	4-N-acetyl-8-methylcytosine	H	O-acyl
CF ₃	O-amino acid	Br	O	6-N-acetyl-8-methyladenine	H	O-acyl
CF ₃	O-amino acid	Br	O	4-N-acetyl-5-fluoro-8-methylcytosine	H	O-acyl
CF ₃	O-amino acid	Br	O	6-N-acetyl-2-fluoro-8-methyladenine	H	O-acyl
CF ₃	O-amino acid	Br	O	6-N-acetyl-2-amino-8-methyladenine	H	O-acyl
CF ₃	O-amino acid	Br	O	2-N-acetylamino-8-methyladenine	H	O-acyl
CF ₃	O-amino acid	Br	O	2-N-acetylamino-8-methylhypoxanthine	H	O-acyl
CF ₃	O-amino acid	Br	O	6-Methylthymine	H	OH
CF ₃	O-amino acid	Br	O	6-Methyluracil	H	OH
CF ₃	O-amino acid	Br	O	8-Methylguanine	H	OH
CF ₃	O-amino acid	Br	O	6-Methylcytosine	H	OH
CF ₃	O-amino acid	Br	O	8-Methyladenine	H	OH
CF ₃	O-amino acid	Br	O	8-Methylhypoxanthine	H	OH
CF ₃	O-amino acid	Br	O	5-Fluoro-6-Methyluracil	H	OH
CF ₃	O-amino acid	Br	O	5-Fluoro-6-Methylcytosine	H	OH
CF ₃	O-amino acid	Br	O	2-Fluoro-8-methyladenine	H	OH
CF ₃	O-amino acid	Br	O	2-Fluoro-8-methylhypoxanthine	H	OH
CF ₃	O-amino acid	Br	O	2-Amino-8-methyladenine	H	OH
CF ₃	O-amino acid	Br	O	2-Amino-8-methylhypoxanthine	H	OH
CF ₃	O-amino acid	Br	O	2-N-acetyl-8-methylguanine	H	OH
CF ₃	O-amino acid	Br	O	4-N-acetyl-8-methylcytosine	H	OH
CF ₃	O-amino acid	Br	O	6-N-acetyl-8-methyladenine	H	OH
CF ₃	O-amino acid	Br	O	4-N-acetyl-5-fluoro-8-methylcytosine	H	OH
CF ₃	O-amino acid	Br	O	6-N-acetyl-2-fluoro-8-methyladenine	H	OH
CF ₃	O-amino acid	Br	O	6-N-acetyl-2-amino-8-methyladenine	H	OH
CF ₃	O-amino acid	Br	O	2-N-acetylamino-8-methyladenine	H	OH
CF ₃	O-amino acid	Br	O	2-N-acetylamino-8-methylhypoxanthine	H	OH
CF ₃	O-amino acid	Br	O	6-Methylthymine	OH	H
CF ₃	O-amino acid	Br	O	6-Methyluracil	OH	H
CF ₃	O-amino acid	Br	O	8-Methylguanine	OH	H
CF ₃	O-amino acid	Br	O	6-Methylcytosine	OH	H
CF ₃	O-amino acid	Br	O	8-Methyladenine	OH	H

TABLE 6-continued

R ⁶	R ⁷	R ⁸	X	Base	R ¹⁰	R ⁹
CF ₃	O-amino acid	Br	O	8-Methylhypoxanthine	OH	H
CF ₃	O-amino acid	Br	O	5-Fluoro-6-Methyluracil	OH	H
CF ₃	O-amino acid	Br	O	5-Fluoro-6-Methylcytosine	OH	H
CF ₃	O-amino acid	Br	O	2-Fluoro-8-methyladenine	OH	H
CF ₃	O-amino acid	Br	O	2-Fluoro-8-methylhypoxanthine	OH	H
CF ₃	O-amino acid	Br	O	2-Amino-8-methyladenine	OH	H
CF ₃	O-amino acid	Br	O	2-Amino-8-methylhypoxanthine	OH	H
CF ₃	O-amino acid	Br	O	2-N-acetyl-8-methylguanine	OH	H
CF ₃	O-amino acid	Br	O	4-N-acetyl-8-methylcytosine	OH	H
CF ₃	O-amino acid	Br	O	6-N-acetyl-8-methyladenine	OH	H
CF ₃	O-amino acid	Br	O	4-N-acetyl-5-fluoro-8-methylcytosine	OH	H
CF ₃	O-amino acid	Br	O	6-N-acetyl-2-fluoro-8-methyladenine	OH	H
CF ₃	O-amino acid	Br	O	6-N-acetyl-2-amino-8-methyladenine	OH	H
CF ₃	O-amino acid	Br	O	2-N-acetylamino-8-methyladenine	OH	H
CF ₃	O-amino acid	Br	O	2-N-acetylamino-8-methylhypoxanthine	OH	H
CF ₃	O-amino acid	Cl	O	6-Methylthymine	F	H
CF ₃	O-amino acid	Cl	O	6-Methyluracil	F	H
CF ₃	O-amino acid	Cl	O	8-Methylguanine	F	H
CF ₃	O-amino acid	Cl	O	6-Methylcytosine	F	H
CF ₃	O-amino acid	Cl	O	8-Methyladenine	F	H
CF ₃	O-amino acid	Cl	O	8-Methylhypoxanthine	F	H
CF ₃	O-amino acid	Cl	O	5-Fluoro-6-Methyluracil	F	H
CF ₃	O-amino acid	Cl	O	5-Fluoro-6-Methylcytosine	F	H
CF ₃	O-amino acid	Cl	O	2-Fluoro-8-methyladenine	F	H
CF ₃	O-amino acid	Cl	O	2-Fluoro-8-methylhypoxanthine	F	H
CF ₃	O-amino acid	Cl	O	2-Amino-8-methyladenine	F	H
CF ₃	O-amino acid	Cl	O	2-Amino-8-methylhypoxanthine	F	H
CF ₃	O-amino acid	Cl	O	2-N-acetyl-8-methylguanine	F	H
CF ₃	O-amino acid	Cl	O	4-N-acetyl-8-methylcytosine	F	H
CF ₃	O-amino acid	Cl	O	6-N-acetyl-8-methyladenine	F	H
CF ₃	O-amino acid	Cl	O	4-N-acetyl-5-fluoro-8-methylcytosine	F	H
CF ₃	O-amino acid	Cl	O	6-N-acetyl-2-fluoro-8-methyladenine	F	H
CF ₃	O-amino acid	Cl	O	6-N-acetyl-2-amino-8-methyladenine	F	H
CF ₃	O-amino acid	Cl	O	2-N-acetylamino-8-methyladenine	F	H
CF ₃	O-amino acid	Cl	O	2-N-acetylamino-8-methylhypoxanthine	F	H
CF ₃	O-amino acid	Cl	O	6-Methylthymine	F	O-amino acid
CF ₃	O-amino acid	Cl	O	6-Methyluracil	F	O-amino acid
CF ₃	O-amino acid	Cl	O	8-Methylguanine	F	O-amino acid
CF ₃	O-amino acid	Cl	O	6-Methylcytosine	F	O-amino acid
CF ₃	O-amino acid	Cl	O	8-Methyladenine	F	O-amino acid
CF ₃	O-amino acid	Cl	O	8-Methylhypoxanthine	F	O-amino acid
CF ₃	O-amino acid	Cl	O	5-Fluoro-6-Methyluracil	F	O-amino acid
CF ₃	O-amino acid	Cl	O	5-Fluoro-6-Methylcytosine	F	O-amino acid
CF ₃	O-amino acid	Cl	O	2-Fluoro-8-methyladenine	F	O-amino acid
CF ₃	O-amino acid	Cl	O	2-Fluoro-8-methylhypoxanthine	F	O-amino acid
CF ₃	O-amino acid	Cl	O	2-Amino-8-methyladenine	F	O-amino acid
CF ₃	O-amino acid	Cl	O	2-Amino-8-methylhypoxanthine	F	O-amino acid
CF ₃	O-amino acid	Cl	O	2-N-acetyl-8-methylguanine	F	O-amino acid
CF ₃	O-amino acid	Cl	O	4-N-acetyl-8-methylcytosine	F	O-amino acid
CF ₃	O-amino acid	Cl	O	6-N-acetyl-8-methyladenine	F	O-amino acid
CF ₃	O-amino acid	Cl	O	4-N-acetyl-5-fluoro-8-methylcytosine	F	O-amino acid
CF ₃	O-amino acid	Cl	O	6-N-acetyl-2-fluoro-8-methyladenine	F	O-amino acid
CF ₃	O-amino acid	Cl	O	6-N-acetyl-2-amino-8-methyladenine	F	O-amino acid
CF ₃	O-amino acid	Cl	O	2-N-acetylamino-8-methyladenine	F	O-amino acid
CF ₃	O-amino acid	Cl	O	2-N-acetylamino-8-methylhypoxanthine	F	O-amino acid
CF ₃	O-amino acid	Cl	O	6-Methylthymine	F	O-acyl
CF ₃	O-amino acid	Cl	O	6-Methyluracil	F	O-acyl
CF ₃	O-amino acid	Cl	O	8-Methylguanine	F	O-acyl
CF ₃	O-amino acid	Cl	O	6-Methylcytosine	F	O-acyl
CF ₃	O-amino acid	Cl	O	8-Methyladenine	F	O-acyl
CF ₃	O-amino acid	Cl	O	8-Methylhypoxanthine	F	O-acyl
CF ₃	O-amino acid	Cl	O	5-Fluoro-6-Methyluracil	F	O-acyl
CF ₃	O-amino acid	Cl	O	5-Fluoro-6-Methylcytosine	F	O-acyl
CF ₃	O-amino acid	Cl	O	2-Fluoro-8-methyladenine	F	O-acyl
CF ₃	O-amino acid	Cl	O	2-Fluoro-8-methylhypoxanthine	F	O-acyl
CF ₃	O-amino acid	Cl	O	2-Amino-8-methyladenine	F	O-acyl
CF ₃	O-amino acid	Cl	O	2-Amino-8-methylhypoxanthine	F	O-acyl
CF ₃	O-amino acid	Cl	O	2-N-acetyl-8-methylguanine	F	O-acyl
CF ₃	O-amino acid	Cl	O	4-N-acetyl-8-methylcytosine	F	O-acyl
CF ₃	O-amino acid	Cl	O	6-N-acetyl-8-methyladenine	F	O-acyl
CF ₃	O-amino acid	Cl	O	4-N-acetyl-5-fluoro-8-methylcytosine	F	O-acyl
CF ₃	O-amino acid	Cl	O	6-N-acetyl-2-fluoro-8-methyladenine	F	O-acyl
CF ₃	O-amino acid	Cl	O	6-N-acetyl-2-amino-8-methyladenine	F	O-acyl
CF ₃	O-amino acid	Cl	O	2-N-acetylamino-8-methyladenine	F	O-acyl
CF ₃	O-amino acid	Cl	O	2-N-acetylamino-8-methylhypoxanthine	F	O-acyl

TABLE 6-continued

R ⁶	R ⁷	R ⁸	X	Base	R ¹⁰	R ⁹
CF ₃	O-amino acid	Cl	O	2-N-acetylamino-8-methylhypoxanthine	F	O-acyl
CF ₃	O-amino acid	Cl	O	6-Methylthymine	F	OH
CF ₃	O-amino acid	Cl	O	6-Methyluracil	F	OH
CF ₃	O-amino acid	Cl	O	8-Methylguanine	F	OH
CF ₃	O-amino acid	Cl	O	6-Methylcytosine	F	OH
CF ₃	O-amino acid	Cl	O	8-Methyladenine	F	OH
CF ₃	O-amino acid	Cl	O	8-Methylhypoxanthine	F	OH
CF ₃	O-amino acid	Cl	O	5-Fluoro-6-Methyluracil	F	OH
CF ₃	O-amino acid	Cl	O	5-Fluoro-6-Methylcytosine	F	OH
CF ₃	O-amino acid	Cl	O	2-Fluoro-8-methyladenine	F	OH
CF ₃	O-amino acid	Cl	O	2-Fluoro-8-methylhypoxanthine	F	OH
CF ₃	O-amino acid	Cl	O	2-Amino-8-methyladenine	F	OH
CF ₃	O-amino acid	Cl	O	2-Amino-8-methylhypoxanthine	F	OH
CF ₃	O-amino acid	Cl	O	2-N-acetyl-8-methylguanine	F	OH
CF ₃	O-amino acid	Cl	O	4-N-acetyl-8-methylcytosine	F	OH
CF ₃	O-amino acid	Cl	O	6-N-acetyl-8-methyladenine	F	OH
CF ₃	O-amino acid	Cl	O	4-N-acetyl-5-fluoro-8-methylcytosine	F	OH
CF ₃	O-amino acid	Cl	O	6-N-acetyl-2-fluoro-8-methyladenine	F	OH
CF ₃	O-amino acid	Cl	O	6-N-acetyl-2-amino-8-methyladenine	F	OH
CF ₃	O-amino acid	Cl	O	2-N-acetylamino-8-methyladenine	F	OH
CF ₃	O-amino acid	Cl	O	2-N-acetylamino-8-methylhypoxanthine	F	OH
CF ₃	O-amino acid	Cl	O	6-Methylthymine	Br	H
CF ₃	O-amino acid	Cl	O	6-Methyluracil	Br	H
CF ₃	O-amino acid	Cl	O	8-Methylguanine	Br	H
CF ₃	O-amino acid	Cl	O	6-Methylcytosine	Br	H
CF ₃	O-amino acid	Cl	O	8-Methyladenine	Br	H
CF ₃	O-amino acid	Cl	O	8-Methylhypoxanthine	Br	H
CF ₃	O-amino acid	Cl	O	5-Fluoro-6-Methyluracil	Br	H
CF ₃	O-amino acid	Cl	O	5-Fluoro-6-Methylcytosine	Br	H
CF ₃	O-amino acid	Cl	O	2-Fluoro-8-methyladenine	Br	H
CF ₃	O-amino acid	Cl	O	2-Fluoro-8-methylhypoxanthine	Br	H
CF ₃	O-amino acid	Cl	O	2-Amino-8-methyladenine	Br	H
CF ₃	O-amino acid	Cl	O	2-Amino-8-methylhypoxanthine	Br	H
CF ₃	O-amino acid	Cl	O	2-N-acetyl-8-methylguanine	Br	H
CF ₃	O-amino acid	Cl	O	4-N-acetyl-8-methylcytosine	Br	H
CF ₃	O-amino acid	Cl	O	6-N-acetyl-8-methyladenine	Br	H
CF ₃	O-amino acid	Cl	O	4-N-acetyl-5-fluoro-8-methylcytosine	Br	H
CF ₃	O-amino acid	Cl	O	6-N-acetyl-2-fluoro-8-methyladenine	Br	H
CF ₃	O-amino acid	Cl	O	6-N-acetyl-2-amino-8-methyladenine	Br	H
CF ₃	O-amino acid	Cl	O	2-N-acetylamino-8-methyladenine	Br	H
CF ₃	O-amino acid	Cl	O	2-N-acetylamino-8-methylhypoxanthine	Br	H
CF ₃	O-amino acid	Cl	O	6-Methylthymine	Br	O-amino acid
CF ₃	O-amino acid	Cl	O	6-Methyluracil	Br	O-amino acid
CF ₃	O-amino acid	Cl	O	8-Methylguanine	Br	O-amino acid
CF ₃	O-amino acid	Cl	O	6-Methylcytosine	Br	O-amino acid
CF ₃	O-amino acid	Cl	O	8-Methyladenine	Br	O-amino acid
CF ₃	O-amino acid	Cl	O	8-Methylhypoxanthine	Br	O-amino acid
CF ₃	O-amino acid	Cl	O	5-Fluoro-6-Methyluracil	Br	O-amino acid
CF ₃	O-amino acid	Cl	O	5-Fluoro-6-Methylcytosine	Br	O-amino acid
CF ₃	O-amino acid	Cl	O	2-Fluoro-8-methyladenine	Br	O-amino acid
CF ₃	O-amino acid	Cl	O	2-Fluoro-8-methylhypoxanthine	Br	O-amino acid
CF ₃	O-amino acid	Cl	O	2-Amino-8-methyladenine	Br	O-amino acid
CF ₃	O-amino acid	Cl	O	2-Amino-8-methylhypoxanthine	Br	O-amino acid
CF ₃	O-amino acid	Cl	O	2-N-acetyl-8-methylguanine	Br	O-amino acid
CF ₃	O-amino acid	Cl	O	4-N-acetyl-8-methylcytosine	Br	O-amino acid
CF ₃	O-amino acid	Cl	O	6-N-acetyl-8-methyladenine	Br	O-amino acid
CF ₃	O-amino acid	Cl	O	4-N-acetyl-5-fluoro-8-methylcytosine	Br	O-amino acid
CF ₃	O-amino acid	Cl	O	6-N-acetyl-2-fluoro-8-methyladenine	Br	O-amino acid
CF ₃	O-amino acid	Cl	O	6-N-acetyl-2-amino-8-methyladenine	Br	O-amino acid
CF ₃	O-amino acid	Cl	O	2-N-acetylamino-8-methyladenine	Br	O-amino acid
CF ₃	O-amino acid	Cl	O	2-N-acetylamino-8-methylhypoxanthine	Br	O-amino acid
CF ₃	O-amino acid	Cl	O	6-Methylthymine	Br	O-acyl
CF ₃	O-amino acid	Cl	O	6-Methyluracil	Br	O-acyl
CF ₃	O-amino acid	Cl	O	8-Methylguanine	Br	O-acyl
CF ₃	O-amino acid	Cl	O	6-Methylcytosine	Br	O-acyl
CF ₃	O-amino acid	Cl	O	8-Methyladenine	Br	O-acyl
CF ₃	O-amino acid	Cl	O	8-Methylhypoxanthine	Br	O-acyl
CF ₃	O-amino acid	Cl	O	5-Fluoro-6-Methyluracil	Br	O-acyl
CF ₃	O-amino acid	Cl	O	5-Fluoro-6-Methylcytosine	Br	O-acyl
CF ₃	O-amino acid	Cl	O	2-Fluoro-8-methyladenine	Br	O-acyl
CF ₃	O-amino acid	Cl	O	2-Fluoro-8-methylhypoxanthine	Br	O-acyl
CF ₃	O-amino acid	Cl	O	2-Amino-8-methyladenine	Br	O-acyl
CF ₃	O-amino acid	Cl	O	2-Amino-8-methylhypoxanthine	Br	O-acyl

TABLE 6-continued

R ⁶	R ⁷	R ⁸	X	Base	R ¹⁰	R ⁹
CF ₃	O-amino acid	Cl	O	2-N-acetyl-8-methylguanine	Br	O-acyl
CF ₃	O-amino acid	Cl	O	4-N-acetyl-8-methylcytosine	Br	O-acyl
CF ₃	O-amino acid	Cl	O	6-N-acetyl-8-methyladenine	Br	O-acyl
CF ₃	O-amino acid	Cl	O	4-N-acetyl-5-fluoro-8-methylcytosine	Br	O-acyl
CF ₃	O-amino acid	Cl	O	6-N-acetyl-2-fluoro-8-methyladenine	Br	O-acyl
CF ₃	O-amino acid	Cl	O	6-N-acetyl-2-amino-8-methyladenine	Br	O-acyl
CF ₃	O-amino acid	Cl	O	2-N-acetylamino-8-methyladenine	Br	O-acyl
CF ₃	O-amino acid	Cl	O	2-N-acetylamino-8-methylhypoxanthine	Br	O-acyl
CF ₃	O-amino acid	Cl	O	6-Methylthymine	Br	OH
CF ₃	O-amino acid	Cl	O	6-Methyluracil	Br	OH
CF ₃	O-amino acid	Cl	O	8-Methylguanine	Br	OH
CF ₃	O-amino acid	Cl	O	6-Methylcytosine	Br	OH
CF ₃	O-amino acid	Cl	O	8-Methyladenine	Br	OH
CF ₃	O-amino acid	Cl	O	8-Methylhypoxanthine	Br	OH
CF ₃	O-amino acid	Cl	O	5-Fluoro-6-Methyluracil	Br	OH
CF ₃	O-amino acid	Cl	O	5-Fluoro-6-Methylcytosine	Br	OH
CF ₃	O-amino acid	Cl	O	2-Fluoro-8-methyladenine	Br	OH
CF ₃	O-amino acid	Cl	O	2-Fluoro-8-methylhypoxanthine	Br	OH
CF ₃	O-amino acid	Cl	O	2-Amino-8-methyladenine	Br	OH
CF ₃	O-amino acid	Cl	O	2-Amino-8-methylhypoxanthine	Br	OH
CF ₃	O-amino acid	Cl	O	2-N-acetyl-8-methylguanine	Br	OH
CF ₃	O-amino acid	Cl	O	4-N-acetyl-8-methylcytosine	Br	OH
CF ₃	O-amino acid	Cl	O	6-N-acetyl-8-methyladenine	Br	OH
CF ₃	O-amino acid	Cl	O	4-N-acetyl-5-fluoro-8-methylcytosine	Br	OH
CF ₃	O-amino acid	Cl	O	6-N-acetyl-2-fluoro-8-methyladenine	Br	OH
CF ₃	O-amino acid	Cl	O	6-N-acetyl-2-amino-8-methyladenine	Br	OH
CF ₃	O-amino acid	Cl	O	2-N-acetylamino-8-methyladenine	Br	OH
CF ₃	O-amino acid	Cl	O	2-N-acetylamino-8-methylhypoxanthine	Br	OH
CF ₃	O-amino acid	Cl	O	6-Methylthymine	Cl	H
CF ₃	O-amino acid	Cl	O	6-Methyluracil	Cl	H
CF ₃	O-amino acid	Cl	O	8-Methylguanine	Cl	H
CF ₃	O-amino acid	Cl	O	6-Methylcytosine	Cl	H
CF ₃	O-amino acid	Cl	O	8-Methyladenine	Cl	H
CF ₃	O-amino acid	Cl	O	8-Methylhypoxanthine	Cl	H
CF ₃	O-amino acid	Cl	O	5-Fluoro-6-Methyluracil	Cl	H
CF ₃	O-amino acid	Cl	O	5-Fluoro-6-Methylcytosine	Cl	H
CF ₃	O-amino acid	Cl	O	2-Fluoro-8-methyladenine	Cl	H
CF ₃	O-amino acid	Cl	O	2-Fluoro-8-methylhypoxanthine	Cl	H
CF ₃	O-amino acid	Cl	O	2-Amino-8-methyladenine	Cl	H
CF ₃	O-amino acid	Cl	O	2-Amino-8-methylhypoxanthine	Cl	H
CF ₃	O-amino acid	Cl	O	2-N-acetyl-8-methylguanine	Cl	H
CF ₃	O-amino acid	Cl	O	4-N-acetyl-8-methylcytosine	Cl	H
CF ₃	O-amino acid	Cl	O	6-N-acetyl-8-methyladenine	Cl	H
CF ₃	O-amino acid	Cl	O	4-N-acetyl-5-fluoro-8-methylcytosine	Cl	H
CF ₃	O-amino acid	Cl	O	6-N-acetyl-2-fluoro-8-methyladenine	Cl	H
CF ₃	O-amino acid	Cl	O	6-N-acetyl-2-amino-8-methyladenine	Cl	H
CF ₃	O-amino acid	Cl	O	2-N-acetylamino-8-methyladenine	Cl	H
CF ₃	O-amino acid	Cl	O	2-N-acetylamino-8-methylhypoxanthine	Cl	H
CF ₃	O-amino acid	Cl	O	6-Methylthymine	Cl	O-amino acid
CF ₃	O-amino acid	Cl	O	6-Methyluracil	Cl	O-amino acid
CF ₃	O-amino acid	Cl	O	8-Methylguanine	Cl	O-amino acid
CF ₃	O-amino acid	Cl	O	6-Methylcytosine	Cl	O-amino acid
CF ₃	O-amino acid	Cl	O	8-Methyladenine	Cl	O-amino acid
CF ₃	O-amino acid	Cl	O	8-Methylhypoxanthine	Cl	O-amino acid
CF ₃	O-amino acid	Cl	O	5-Fluoro-6-Methyluracil	Cl	O-amino acid
CF ₃	O-amino acid	Cl	O	5-Fluoro-6-Methylcytosine	Cl	O-amino acid
CF ₃	O-amino acid	Cl	O	2-Fluoro-8-methyladenine	Cl	O-amino acid
CF ₃	O-amino acid	Cl	O	2-Fluoro-8-methylhypoxanthine	Cl	O-amino acid
CF ₃	O-amino acid	Cl	O	2-Amino-8-methyladenine	Cl	O-amino acid
CF ₃	O-amino acid	Cl	O	2-Amino-8-methylhypoxanthine	Cl	O-amino acid
CF ₃	O-amino acid	Cl	O	2-N-acetyl-8-methylguanine	Cl	O-amino acid
CF ₃	O-amino acid	Cl	O	4-N-acetyl-8-methylcytosine	Cl	O-amino acid
CF ₃	O-amino acid	Cl	O	6-N-acetyl-8-methyladenine	Cl	O-amino acid
CF ₃	O-amino acid	Cl	O	4-N-acetyl-5-fluoro-8-methylcytosine	Cl	O-amino acid
CF ₃	O-amino acid	Cl	O	6-N-acetyl-2-fluoro-8-methyladenine	Cl	O-amino acid
CF ₃	O-amino acid	Cl	O	6-N-acetyl-2-amino-8-methyladenine	Cl	O-amino acid
CF ₃	O-amino acid	Cl	O	2-N-acetylamino-8-methyladenine	Cl	O-amino acid
CF ₃	O-amino acid	Cl	O	2-N-acetylamino-8-methylhypoxanthine	Cl	O-amino acid
CF ₃	O-amino acid	Cl	O	6-Methylthymine	Cl	O-acyl
CF ₃	O-amino acid	Cl	O	6-Methyluracil	Cl	O-acyl
CF ₃	O-amino acid	Cl	O	8-Methylguanine	Cl	O-acyl
CF ₃	O-amino acid	Cl	O	6-Methylcytosine	Cl	O-acyl
CF ₃	O-amino acid	Cl	O	8-Methyladenine	Cl	O-acyl

TABLE 6-continued

R ⁶	R ⁷	R ⁸	X	Base	R ¹⁰	R ⁹
CF ₃	O-amino acid	Cl	O	8-Methylhypoxanthine	Cl	O-acyl
CF ₃	O-amino acid	Cl	O	5-Fluoro-6-Methyluracil	Cl	O-acyl
CF ₃	O-amino acid	Cl	O	5-Fluoro-6-Methylcytosine	Cl	O-acyl
CF ₃	O-amino acid	Cl	O	2-Fluoro-8-methyladenine	Cl	O-acyl
CF ₃	O-amino acid	Cl	O	2-Fluoro-8-methylhypoxanthine	Cl	O-acyl
CF ₃	O-amino acid	Cl	O	2-Amino-8-methyladenine	Cl	O-acyl
CF ₃	O-amino acid	Cl	O	2-Amino-8-methylhypoxanthine	Cl	O-acyl
CF ₃	O-amino acid	Cl	O	2-N-acetyl-8-methylguanine	Cl	O-acyl
CF ₃	O-amino acid	Cl	O	4-N-acetyl-8-methylcytosine	Cl	O-acyl
CF ₃	O-amino acid	Cl	O	6-N-acetyl-8-methyladenine	Cl	O-acyl
CF ₃	O-amino acid	Cl	O	4-N-acetyl-5-fluoro-8-methylcytosine	Cl	O-acyl
CF ₃	O-amino acid	Cl	O	6-N-acetyl-2-fluoro-8-methyladenine	Cl	O-acyl
CF ₃	O-amino acid	Cl	O	6-N-acetyl-2-amino-8-methyladenine	Cl	O-acyl
CF ₃	O-amino acid	Cl	O	2-N-acetylamino-8-methyladenine	Cl	O-acyl
CF ₃	O-amino acid	Cl	O	2-N-acetylamino-8-methylhypoxanthine	Cl	O-acyl
CF ₃	O-amino acid	Cl	O	6-Methylthymine	Cl	OH
CF ₃	O-amino acid	Cl	O	6-Methyluracil	Cl	OH
CF ₃	O-amino acid	Cl	O	8-Methylguanine	Cl	OH
CF ₃	O-amino acid	Cl	O	6-Methylcytosine	Cl	OH
CF ₃	O-amino acid	Cl	O	8-Methyladenine	Cl	OH
CF ₃	O-amino acid	Cl	O	8-Methylhypoxanthine	Cl	OH
CF ₃	O-amino acid	Cl	O	5-Fluoro-6-Methyluracil	Cl	OH
CF ₃	O-amino acid	Cl	O	5-Fluoro-6-Methylcytosine	Cl	OH
CF ₃	O-amino acid	Cl	O	2-Fluoro-8-methyladenine	Cl	OH
CF ₃	O-amino acid	Cl	O	2-Fluoro-8-methylhypoxanthine	Cl	OH
CF ₃	O-amino acid	Cl	O	2-Amino-8-methyladenine	Cl	OH
CF ₃	O-amino acid	Cl	O	2-Amino-8-methylhypoxanthine	Cl	OH
CF ₃	O-amino acid	Cl	O	2-N-acetyl-8-methylguanine	Cl	OH
CF ₃	O-amino acid	Cl	O	4-N-acetyl-8-methylcytosine	Cl	OH
CF ₃	O-amino acid	Cl	O	6-N-acetyl-8-methyladenine	Cl	OH
CF ₃	O-amino acid	Cl	O	4-N-acetyl-5-fluoro-8-methylcytosine	Cl	OH
CF ₃	O-amino acid	Cl	O	6-N-acetyl-2-fluoro-8-methyladenine	Cl	OH
CF ₃	O-amino acid	Cl	O	6-N-acetyl-2-amino-8-methyladenine	Cl	OH
CF ₃	O-amino acid	Cl	O	2-N-acetylamino-8-methyladenine	Cl	OH
CF ₃	O-amino acid	Cl	O	2-N-acetylamino-8-methylhypoxanthine	Cl	OH
CF ₃	O-amino acid	Cl	O	6-Methylthymine	H	H
CF ₃	O-amino acid	Cl	O	6-Methyluracil	H	H
CF ₃	O-amino acid	Cl	O	8-Methylguanine	H	H
CF ₃	O-amino acid	Cl	O	6-Methylcytosine	H	H
CF ₃	O-amino acid	Cl	O	8-Methyladenine	H	H
CF ₃	O-amino acid	Cl	O	8-Methylhypoxanthine	H	H
CF ₃	O-amino acid	Cl	O	5-Fluoro-6-Methyluracil	H	H
CF ₃	O-amino acid	Cl	O	5-Fluoro-6-Methylcytosine	H	H
CF ₃	O-amino acid	Cl	O	2-Fluoro-8-methyladenine	H	H
CF ₃	O-amino acid	Cl	O	2-Fluoro-8-methylhypoxanthine	H	H
CF ₃	O-amino acid	Cl	O	2-Amino-8-methyladenine	H	H
CF ₃	O-amino acid	Cl	O	2-Amino-8-methylhypoxanthine	H	H
CF ₃	O-amino acid	Cl	O	2-N-acetyl-8-methylguanine	H	H
CF ₃	O-amino acid	Cl	O	4-N-acetyl-8-methylcytosine	H	H
CF ₃	O-amino acid	Cl	O	6-N-acetyl-8-methyladenine	H	H
CF ₃	O-amino acid	Cl	O	4-N-acetyl-5-fluoro-8-methylcytosine	H	H
CF ₃	O-amino acid	Cl	O	6-N-acetyl-2-fluoro-8-methyladenine	H	H
CF ₃	O-amino acid	Cl	O	6-N-acetyl-2-amino-8-methyladenine	H	H
CF ₃	O-amino acid	Cl	O	2-N-acetylamino-8-methyladenine	H	H
CF ₃	O-amino acid	Cl	O	2-N-acetylamino-8-methylhypoxanthine	H	H
CF ₃	O-amino acid	Cl	O	6-Methylthymine	H	O-amino acid
CF ₃	O-amino acid	Cl	O	6-Methyluracil	H	O-amino acid
CF ₃	O-amino acid	Cl	O	8-Methylguanine	H	O-amino acid
CF ₃	O-amino acid	Cl	O	6-Methylcytosine	H	O-amino acid
CF ₃	O-amino acid	Cl	O	8-Methyladenine	H	O-amino acid
CF ₃	O-amino acid	Cl	O	8-Methylhypoxanthine	H	O-amino acid
CF ₃	O-amino acid	Cl	O	5-Fluoro-6-Methyluracil	H	O-amino acid
CF ₃	O-amino acid	Cl	O	5-Fluoro-6-Methylcytosine	H	O-amino acid
CF ₃	O-amino acid	Cl	O	2-Fluoro-8-methyladenine	H	O-amino acid
CF ₃	O-amino acid	Cl	O	2-Fluoro-8-methylhypoxanthine	H	O-amino acid
CF ₃	O-amino acid	Cl	O	2-Amino-8-methyladenine	H	O-amino acid
CF ₃	O-amino acid	Cl	O	2-Amino-8-methylhypoxanthine	H	O-amino acid
CF ₃	O-amino acid	Cl	O	2-N-acetyl-8-methylguanine	H	O-amino acid
CF ₃	O-amino acid	Cl	O	4-N-acetyl-8-methylcytosine	H	O-amino acid
CF ₃	O-amino acid	Cl	O	6-N-acetyl-8-methyladenine	H	O-amino acid
CF ₃	O-amino acid	Cl	O	4-N-acetyl-5-fluoro-8-methylcytosine	H	O-amino acid
CF ₃	O-amino acid	Cl	O	6-N-acetyl-2-fluoro-8-methyladenine	H	O-amino acid
CF ₃	O-amino acid	Cl	O	6-N-acetyl-2-amino-8-methyladenine	H	O-amino acid
CF ₃	O-amino acid	Cl	O	2-N-acetylamino-8-methyladenine	H	O-amino acid
CF ₃	O-amino acid	Cl	O	2-N-acetylamino-8-methylhypoxanthine	H	O-amino acid

TABLE 6-continued

R ⁶	R ⁷	R ⁸	X	Base	R ¹⁰	R ⁹
CF ₃	O-amino acid	Cl	O	2-N-acetylamino-8-methylhypoxanthine	H	O-amino acid
CF ₃	O-amino acid	Cl	O	6-Methylthymine	H	O-acyl
CF ₃	O-amino acid	Cl	O	6-Methyluracil	H	O-acyl
CF ₃	O-amino acid	Cl	O	8-Methylguanine	H	O-acyl
CF ₃	O-amino acid	Cl	O	6-Methylcytosine	H	O-acyl
CF ₃	O-amino acid	Cl	O	8-Methyladenine	H	O-acyl
CF ₃	O-amino acid	Cl	O	8-Methylhypoxanthine	H	O-acyl
CF ₃	O-amino acid	Cl	O	5-Fluoro-6-Methyluracil	H	O-acyl
CF ₃	O-amino acid	Cl	O	5-Fluoro-6-Methylcytosine	H	O-acyl
CF ₃	O-amino acid	Cl	O	2-Fluoro-8-methyladenine	H	O-acyl
CF ₃	O-amino acid	Cl	O	2-Fluoro-8-methylhypoxanthine	H	O-acyl
CF ₃	O-amino acid	Cl	O	2-Amino-8-methyladenine	H	O-acyl
CF ₃	O-amino acid	Cl	O	2-Amino-8-methylhypoxanthine	H	O-acyl
CF ₃	O-amino acid	Cl	O	2-N-acetyl-8-methylguanine	H	O-acyl
CF ₃	O-amino acid	Cl	O	4-N-acetyl-8-methylcytosine	H	O-acyl
CF ₃	O-amino acid	Cl	O	6-N-acetyl-8-methyladenine	H	O-acyl
CF ₃	O-amino acid	Cl	O	4-N-acetyl-5-fluoro-8-methylcytosine	H	O-acyl
CF ₃	O-amino acid	Cl	O	6-N-acetyl-2-fluoro-8-methyladenine	H	O-acyl
CF ₃	O-amino acid	Cl	O	6-N-acetyl-2-amino-8-methyladenine	H	O-acyl
CF ₃	O-amino acid	Cl	O	2-N-acetylamino-8-methyladenine	H	O-acyl
CF ₃	O-amino acid	Cl	O	2-N-acetylamino-8-methylhypoxanthine	H	O-acyl
CF ₃	O-amino acid	Cl	O	6-Methylthymine	H	OH
CF ₃	O-amino acid	Cl	O	6-Methyluracil	H	OH
CF ₃	O-amino acid	Cl	O	8-Methylguanine	H	OH
CF ₃	O-amino acid	Cl	O	6-Methylcytosine	H	OH
CF ₃	O-amino acid	Cl	O	8-Methyladenine	H	OH
CF ₃	O-amino acid	Cl	O	8-Methylhypoxanthine	H	OH
CF ₃	O-amino acid	Cl	O	5-Fluoro-6-Methyluracil	H	OH
CF ₃	O-amino acid	Cl	O	5-Fluoro-6-Methylcytosine	H	OH
CF ₃	O-amino acid	Cl	O	2-Fluoro-8-methyladenine	H	OH
CF ₃	O-amino acid	Cl	O	2-Fluoro-8-methylhypoxanthine	H	OH
CF ₃	O-amino acid	Cl	O	2-Amino-8-methyladenine	H	OH
CF ₃	O-amino acid	Cl	O	2-Amino-8-methylhypoxanthine	H	OH
CF ₃	O-amino acid	Cl	O	2-N-acetyl-8-methylguanine	H	OH
CF ₃	O-amino acid	Cl	O	4-N-acetyl-8-methylcytosine	H	OH
CF ₃	O-amino acid	Cl	O	6-N-acetyl-8-methyladenine	H	OH
CF ₃	O-amino acid	Cl	O	4-N-acetyl-5-fluoro-8-methylcytosine	H	OH
CF ₃	O-amino acid	Cl	O	6-N-acetyl-2-fluoro-8-methyladenine	H	OH
CF ₃	O-amino acid	Cl	O	6-N-acetyl-2-amino-8-methyladenine	H	OH
CF ₃	O-amino acid	Cl	O	2-N-acetylamino-8-methyladenine	H	OH
CF ₃	O-amino acid	Cl	O	2-N-acetylamino-8-methylhypoxanthine	H	OH
CF ₃	O-amino acid	Cl	O	6-Methylthymine	OH	H
CF ₃	O-amino acid	Cl	O	6-Methyluracil	OH	H
CF ₃	O-amino acid	Cl	O	8-Methylguanine	OH	H
CF ₃	O-amino acid	Cl	O	6-Methylcytosine	OH	H
CF ₃	O-amino acid	Cl	O	8-Methyladenine	OH	H
CF ₃	O-amino acid	Cl	O	8-Methylhypoxanthine	OH	H
CF ₃	O-amino acid	Cl	O	5-Fluoro-6-Methyluracil	OH	H
CF ₃	O-amino acid	Cl	O	5-Fluoro-6-Methylcytosine	OH	H
CF ₃	O-amino acid	Cl	O	2-Fluoro-8-methyladenine	OH	H
CF ₃	O-amino acid	Cl	O	2-Fluoro-8-methylhypoxanthine	OH	H
CF ₃	O-amino acid	Cl	O	2-Amino-8-methyladenine	OH	H
CF ₃	O-amino acid	Cl	O	2-Amino-8-methylhypoxanthine	OH	H
CF ₃	O-amino acid	Cl	O	2-N-acetyl-8-methylguanine	OH	H
CF ₃	O-amino acid	Cl	O	4-N-acetyl-8-methylcytosine	OH	H
CF ₃	O-amino acid	Cl	O	6-N-acetyl-8-methyladenine	OH	H
CF ₃	O-amino acid	Cl	O	4-N-acetyl-5-fluoro-8-methylcytosine	OH	H
CF ₃	O-amino acid	Cl	O	6-N-acetyl-2-fluoro-8-methyladenine	OH	H
CF ₃	O-amino acid	Cl	O	6-N-acetyl-2-amino-8-methyladenine	OH	H
CF ₃	O-amino acid	Cl	O	2-N-acetylamino-8-methyladenine	OH	H
CF ₃	O-amino acid	Cl	O	2-N-acetylamino-8-methylhypoxanthine	OH	H
CF ₃	O-amino acid	H	O	6-Methylthymine	F	H
CF ₃	O-amino acid	H	O	6-Methyluracil	F	H
CF ₃	O-amino acid	H	O	8-Methylguanine	F	H
CF ₃	O-amino acid	H	O	6-Methylcytosine	F	H
CF ₃	O-amino acid	H	O	8-Methyladenine	F	H
CF ₃	O-amino acid	H	O	8-Methylhypoxanthine	F	H
CF ₃	O-amino acid	H	O	5-Fluoro-6-Methyluracil	F	H
CF ₃	O-amino acid	H	O	5-Fluoro-6-Methylcytosine	F	H
CF ₃	O-amino acid	H	O	2-Fluoro-8-methyladenine	F	H
CF ₃	O-amino acid	H	O	2-Fluoro-8-methylhypoxanthine	F	H
CF ₃	O-amino acid	H	O	2-Amino-8-methyladenine	F	H
CF ₃	O-amino acid	H	O	2-Amino-8-methylhypoxanthine	F	H

TABLE 6-continued

R ⁶	R ⁷	R ⁸	X	Base	R ¹⁰	R ⁹
CF ₃	O-amino acid	H	O	2-N-acetyl-8-methylguanine	F	H
CF ₃	O-amino acid	H	O	4-N-acetyl-8-methylcytosine	F	H
CF ₃	O-amino acid	H	O	6-N-acetyl-8-methyladenine	F	H
CF ₃	O-amino acid	H	O	4-N-acetyl-5-fluoro-8-methylcytosine	F	H
CF ₃	O-amino acid	H	O	6-N-acetyl-2-fluoro-8-methyladenine	F	H
CF ₃	O-amino acid	H	O	6-N-acetyl-2-amino-8-methyladenine	F	H
CF ₃	O-amino acid	H	O	2-N-acetylamino-8-methyladenine	F	H
CF ₃	O-amino acid	H	O	2-N-acetylamino-8-methylhypoxanthine	F	H
CF ₃	O-amino acid	H	O	6-Methylthymine	F	O-amino acid
CF ₃	O-amino acid	H	O	6-Methyluracil	F	O-amino acid
CF ₃	O-amino acid	H	O	8-Methylguanine	F	O-amino acid
CF ₃	O-amino acid	H	O	6-Methylcytosine	F	O-amino acid
CF ₃	O-amino acid	H	O	8-Methyladenine	F	O-amino acid
CF ₃	O-amino acid	H	O	8-Methylhypoxanthine	F	O-amino acid
CF ₃	O-amino acid	H	O	5-Fluoro-6-Methyluracil	F	O-amino acid
CF ₃	O-amino acid	H	O	5-Fluoro-6-Methylcytosine	F	O-amino acid
CF ₃	O-amino acid	H	O	2-Fluoro-8-methyladenine	F	O-amino acid
CF ₃	O-amino acid	H	O	2-Fluoro-8-methylhypoxanthine	F	O-amino acid
CF ₃	O-amino acid	H	O	2-Amino-8-methyladenine	F	O-amino acid
CF ₃	O-amino acid	H	O	2-Amino-8-methylhypoxanthine	F	O-amino acid
CF ₃	O-amino acid	H	O	2-N-acetyl-8-methylguanine	F	O-amino acid
CF ₃	O-amino acid	H	O	4-N-acetyl-8-methylcytosine	F	O-amino acid
CF ₃	O-amino acid	H	O	6-N-acetyl-8-methyladenine	F	O-amino acid
CF ₃	O-amino acid	H	O	4-N-acetyl-5-fluoro-8-methylcytosine	F	O-amino acid
CF ₃	O-amino acid	H	O	6-N-acetyl-2-fluoro-8-methyladenine	F	O-amino acid
CF ₃	O-amino acid	H	O	6-N-acetyl-2-amino-8-methyladenine	F	O-amino acid
CF ₃	O-amino acid	H	O	2-N-acetylamino-8-methyladenine	F	O-amino acid
CF ₃	O-amino acid	H	O	2-N-acetylamino-8-methylhypoxanthine	F	O-amino acid
CF ₃	O-amino acid	H	O	6-Methylthymine	F	O-acyl
CF ₃	O-amino acid	H	O	6-Methyluracil	F	O-acyl
CF ₃	O-amino acid	H	O	8-Methylguanine	F	O-acyl
CF ₃	O-amino acid	H	O	6-Methylcytosine	F	O-acyl
CF ₃	O-amino acid	H	O	8-Methyladenine	F	O-acyl
CF ₃	O-amino acid	H	O	8-Methylhypoxanthine	F	O-acyl
CF ₃	O-amino acid	H	O	5-Fluoro-6-Methyluracil	F	O-acyl
CF ₃	O-amino acid	H	O	5-Fluoro-6-Methylcytosine	F	O-acyl
CF ₃	O-amino acid	H	O	2-Fluoro-8-methyladenine	F	O-acyl
CF ₃	O-amino acid	H	O	2-Fluoro-8-methylhypoxanthine	F	O-acyl
CF ₃	O-amino acid	H	O	2-Amino-8-methyladenine	F	O-acyl
CF ₃	O-amino acid	H	O	2-Amino-8-methylhypoxanthine	F	O-acyl
CF ₃	O-amino acid	H	O	2-N-acetyl-8-methylguanine	F	O-acyl
CF ₃	O-amino acid	H	O	4-N-acetyl-8-methylcytosine	F	O-acyl
CF ₃	O-amino acid	H	O	6-N-acetyl-8-methyladenine	F	O-acyl
CF ₃	O-amino acid	H	O	4-N-acetyl-5-fluoro-8-methylcytosine	F	O-acyl
CF ₃	O-amino acid	H	O	6-N-acetyl-2-fluoro-8-methyladenine	F	O-acyl
CF ₃	O-amino acid	H	O	6-N-acetyl-2-amino-8-methyladenine	F	O-acyl
CF ₃	O-amino acid	H	O	2-N-acetylamino-8-methyladenine	F	O-acyl
CF ₃	O-amino acid	H	O	2-N-acetylamino-8-methylhypoxanthine	F	O-acyl
CF ₃	O-amino acid	H	O	6-Methylthymine	F	OH
CF ₃	O-amino acid	H	O	6-Methyluracil	F	OH
CF ₃	O-amino acid	H	O	8-Methylguanine	F	OH
CF ₃	O-amino acid	H	O	6-Methylcytosine	F	OH
CF ₃	O-amino acid	H	O	8-Methyladenine	F	OH
CF ₃	O-amino acid	H	O	8-Methylhypoxanthine	F	OH
CF ₃	O-amino acid	H	O	5-Fluoro-6-Methyluracil	F	OH
CF ₃	O-amino acid	H	O	5-Fluoro-6-Methylcytosine	F	OH
CF ₃	O-amino acid	H	O	2-Fluoro-8-methyladenine	F	OH
CF ₃	O-amino acid	H	O	2-Fluoro-8-methylhypoxanthine	F	OH
CF ₃	O-amino acid	H	O	2-Amino-8-methyladenine	F	OH
CF ₃	O-amino acid	H	O	2-Amino-8-methylhypoxanthine	F	OH
CF ₃	O-amino acid	H	O	2-N-acetyl-8-methylguanine	F	OH
CF ₃	O-amino acid	H	O	4-N-acetyl-8-methylcytosine	F	OH
CF ₃	O-amino acid	H	O	6-N-acetyl-8-methyladenine	F	OH
CF ₃	O-amino acid	H	O	4-N-acetyl-5-fluoro-8-methylcytosine	F	OH
CF ₃	O-amino acid	H	O	6-N-acetyl-2-fluoro-8-methyladenine	F	OH
CF ₃	O-amino acid	H	O	6-N-acetyl-2-amino-8-methyladenine	F	OH
CF ₃	O-amino acid	H	O	2-N-acetylamino-8-methyladenine	F	OH
CF ₃	O-amino acid	H	O	2-N-acetylamino-8-methylhypoxanthine	F	OH
CF ₃	O-amino acid	H	O	6-Methylthymine	Br	H
CF ₃	O-amino acid	H	O	6-Methyluracil	Br	H
CF ₃	O-amino acid	H	O	8-Methylguanine	Br	H
CF ₃	O-amino acid	H	O	6-Methylcytosine	Br	H
CF ₃	O-amino acid	H	O	8-Methyladenine	Br	H

TABLE 6-continued

R ⁶	R ⁷	R ⁸	X	Base	R ¹⁰	R ⁹
CF ₃	O-amino acid	H	O	8-Methylhypoxanthine	Br	H
CF ₃	O-amino acid	H	O	5-Fluoro-6-Methyluracil	Br	H
CF ₃	O-amino acid	H	O	5-Fluoro-6-Methylcytosine	Br	H
CF ₃	O-amino acid	H	O	2-Fluoro-8-methyladenine	Br	H
CF ₃	O-amino acid	H	O	2-Fluoro-8-methylhypoxanthine	Br	H
CF ₃	O-amino acid	H	O	2-Amino-8-methyladenine	Br	H
CF ₃	O-amino acid	H	O	2-Amino-8-methylhypoxanthine	Br	H
CF ₃	O-amino acid	H	O	2-N-acetyl-8-methylguanine	Br	H
CF ₃	O-amino acid	H	O	4-N-acetyl-8-methylcytosine	Br	H
CF ₃	O-amino acid	H	O	6-N-acetyl-8-methyladenine	Br	H
CF ₃	O-amino acid	H	O	4-N-acetyl-5-fluoro-8-methylcytosine	Br	H
CF ₃	O-amino acid	H	O	6-N-acetyl-2-fluoro-8-methyladenine	Br	H
CF ₃	O-amino acid	H	O	6-N-acetyl-2-amino-8-methyladenine	Br	H
CF ₃	O-amino acid	H	O	2-N-acetylamino-8-methyladenine	Br	H
CF ₃	O-amino acid	H	O	2-N-acetylamino-8-methylhypoxanthine	Br	H
CF ₃	O-amino acid	H	O	6-Methylthymine	Br	O-amino acid
CF ₃	O-amino acid	H	O	6-Methyluracil	Br	O-amino acid
CF ₃	O-amino acid	H	O	8-Methylguanine	Br	O-amino acid
CF ₃	O-amino acid	H	O	6-Methylcytosine	Br	O-amino acid
CF ₃	O-amino acid	H	O	8-Methyladenine	Br	O-amino acid
CF ₃	O-amino acid	H	O	8-Methylhypoxanthine	Br	O-amino acid
CF ₃	O-amino acid	H	O	5-Fluoro-6-Methyluracil	Br	O-amino acid
CF ₃	O-amino acid	H	O	5-Fluoro-6-Methylcytosine	Br	O-amino acid
CF ₃	O-amino acid	H	O	2-Fluoro-8-methyladenine	Br	O-amino acid
CF ₃	O-amino acid	H	O	2-Fluoro-8-methylhypoxanthine	Br	O-amino acid
CF ₃	O-amino acid	H	O	2-Amino-8-methyladenine	Br	O-amino acid
CF ₃	O-amino acid	H	O	2-Amino-8-methylhypoxanthine	Br	O-amino acid
CF ₃	O-amino acid	H	O	2-N-acetyl-8-methylguanine	Br	O-amino acid
CF ₃	O-amino acid	H	O	4-N-acetyl-8-methylcytosine	Br	O-amino acid
CF ₃	O-amino acid	H	O	6-N-acetyl-8-methyladenine	Br	O-amino acid
CF ₃	O-amino acid	H	O	4-N-acetyl-5-fluoro-8-methylcytosine	Br	O-amino acid
CF ₃	O-amino acid	H	O	6-N-acetyl-2-fluoro-8-methyladenine	Br	O-amino acid
CF ₃	O-amino acid	H	O	6-N-acetyl-2-amino-8-methyladenine	Br	O-amino acid
CF ₃	O-amino acid	H	O	2-N-acetylamino-8-methyladenine	Br	O-amino acid
CF ₃	O-amino acid	H	O	2-N-acetylamino-8-methylhypoxanthine	Br	O-amino acid
CF ₃	O-amino acid	H	O	6-Methylthymine	Br	O-acyl
CF ₃	O-amino acid	H	O	6-Methyluracil	Br	O-acyl
CF ₃	O-amino acid	H	O	8-Methylguanine	Br	O-acyl
CF ₃	O-amino acid	H	O	6-Methylcytosine	Br	O-acyl
CF ₃	O-amino acid	H	O	8-Methyladenine	Br	O-acyl
CF ₃	O-amino acid	H	O	8-Methylhypoxanthine	Br	O-acyl
CF ₃	O-amino acid	H	O	5-Fluoro-6-Methyluracil	Br	O-acyl
CF ₃	O-amino acid	H	O	5-Fluoro-6-Methylcytosine	Br	O-acyl
CF ₃	O-amino acid	H	O	2-Fluoro-8-methyladenine	Br	O-acyl
CF ₃	O-amino acid	H	O	2-Fluoro-8-methylhypoxanthine	Br	O-acyl
CF ₃	O-amino acid	H	O	2-Amino-8-methyladenine	Br	O-acyl
CF ₃	O-amino acid	H	O	2-Amino-8-methylhypoxanthine	Br	O-acyl
CF ₃	O-amino acid	H	O	2-N-acetyl-8-methylguanine	Br	O-acyl
CF ₃	O-amino acid	H	O	4-N-acetyl-8-methylcytosine	Br	O-acyl
CF ₃	O-amino acid	H	O	6-N-acetyl-8-methyladenine	Br	O-acyl
CF ₃	O-amino acid	H	O	4-N-acetyl-5-fluoro-8-methylcytosine	Br	O-acyl
CF ₃	O-amino acid	H	O	6-N-acetyl-2-fluoro-8-methyladenine	Br	O-acyl
CF ₃	O-amino acid	H	O	6-N-acetyl-2-amino-8-methyladenine	Br	O-acyl
CF ₃	O-amino acid	H	O	2-N-acetylamino-8-methyladenine	Br	O-acyl
CF ₃	O-amino acid	H	O	2-N-acetylamino-8-methylhypoxanthine	Br	O-acyl
CF ₃	O-amino acid	H	O	6-Methylthymine	Br	OH
CF ₃	O-amino acid	H	O	6-Methyluracil	Br	OH
CF ₃	O-amino acid	H	O	8-Methylguanine	Br	OH
CF ₃	O-amino acid	H	O	6-Methylcytosine	Br	OH
CF ₃	O-amino acid	H	O	8-Methyladenine	Br	OH
CF ₃	O-amino acid	H	O	8-Methylhypoxanthine	Br	OH
CF ₃	O-amino acid	H	O	5-Fluoro-6-Methyluracil	Br	OH
CF ₃	O-amino acid	H	O	5-Fluoro-6-Methylcytosine	Br	OH
CF ₃	O-amino acid	H	O	2-Fluoro-8-methyladenine	Br	OH
CF ₃	O-amino acid	H	O	2-Fluoro-8-methylhypoxanthine	Br	OH
CF ₃	O-amino acid	H	O	2-Amino-8-methyladenine	Br	OH
CF ₃	O-amino acid	H	O	2-Amino-8-methylhypoxanthine	Br	OH
CF ₃	O-amino acid	H	O	2-N-acetyl-8-methylguanine	Br	OH
CF ₃	O-amino acid	H	O	4-N-acetyl-8-methylcytosine	Br	OH
CF ₃	O-amino acid	H	O	6-N-acetyl-8-methyladenine	Br	OH
CF ₃	O-amino acid	H	O	4-N-acetyl-5-fluoro-8-methylcytosine	Br	OH
CF ₃	O-amino acid	H	O	6-N-acetyl-2-fluoro-8-methyladenine	Br	OH
CF ₃	O-amino acid	H	O	6-N-acetyl-2-amino-8-methyladenine	Br	OH
CF ₃	O-amino acid	H	O	2-N-acetylamino-8-methyladenine	Br	OH

TABLE 6-continued

R ⁶	R ⁷	R ⁸	X	Base	R ¹⁰	R ⁹
CF ₃	O-amino acid	H	O	2-N-acetylamino-8-methylhypoxanthine	Br	OH
CF ₃	O-amino acid	H	O	6-Methylthymine	Cl	H
CF ₃	O-amino acid	H	O	6-Methyluracil	Cl	H
CF ₃	O-amino acid	H	O	8-Methylguanine	Cl	H
CF ₃	O-amino acid	H	O	6-Methylcytosine	Cl	H
CF ₃	O-amino acid	H	O	8-Methyladenine	Cl	H
CF ₃	O-amino acid	H	O	8-Methylhypoxanthine	Cl	H
CF ₃	O-amino acid	H	O	5-Fluoro-6-Methyluracil	Cl	H
CF ₃	O-amino acid	H	O	5-Fluoro-6-Methylcytosine	Cl	H
CF ₃	O-amino acid	H	O	2-Fluoro-8-methyladenine	Cl	H
CF ₃	O-amino acid	H	O	2-Fluoro-8-methylhypoxanthine	Cl	H
CF ₃	O-amino acid	H	O	2-Amino-8-methyladenine	Cl	H
CF ₃	O-amino acid	H	O	2-Amino-8-methylhypoxanthine	Cl	H
CF ₃	O-amino acid	H	O	2-N-acetyl-8-methylguanine	Cl	H
CF ₃	O-amino acid	H	O	4-N-acetyl-8-methylcytosine	Cl	H
CF ₃	O-amino acid	H	O	6-N-acetyl-8-methyladenine	Cl	H
CF ₃	O-amino acid	H	O	4-N-acetyl-5-fluoro-8-methylcytosine	Cl	H
CF ₃	O-amino acid	H	O	6-N-acetyl-2-fluoro-8-methyladenine	Cl	H
CF ₃	O-amino acid	H	O	6-N-acetyl-2-amino-8-methyladenine	Cl	H
CF ₃	O-amino acid	H	O	2-N-acetylamino-8-methyladenine	Cl	H
CF ₃	O-amino acid	H	O	2-N-acetylamino-8-methylhypoxanthine	Cl	H
CF ₃	O-amino acid	H	O	6-Methylthymine	Cl	O-amino acid
CF ₃	O-amino acid	H	O	6-Methyluracil	Cl	O-amino acid
CF ₃	O-amino acid	H	O	8-Methylguanine	Cl	O-amino acid
CF ₃	O-amino acid	H	O	6-Methylcytosine	Cl	O-amino acid
CF ₃	O-amino acid	H	O	8-Methyladenine	Cl	O-amino acid
CF ₃	O-amino acid	H	O	8-Methylhypoxanthine	Cl	O-amino acid
CF ₃	O-amino acid	H	O	5-Fluoro-6-Methyluracil	Cl	O-amino acid
CF ₃	O-amino acid	H	O	5-Fluoro-6-Methylcytosine	Cl	O-amino acid
CF ₃	O-amino acid	H	O	2-Fluoro-8-methyladenine	Cl	O-amino acid
CF ₃	O-amino acid	H	O	2-Fluoro-8-methylhypoxanthine	Cl	O-amino acid
CF ₃	O-amino acid	H	O	2-Amino-8-methyladenine	Cl	O-amino acid
CF ₃	O-amino acid	H	O	2-Amino-8-methylhypoxanthine	Cl	O-amino acid
CF ₃	O-amino acid	H	O	2-N-acetyl-8-methylguanine	Cl	O-amino acid
CF ₃	O-amino acid	H	O	4-N-acetyl-8-methylcytosine	Cl	O-amino acid
CF ₃	O-amino acid	H	O	6-N-acetyl-8-methyladenine	Cl	O-amino acid
CF ₃	O-amino acid	H	O	4-N-acetyl-5-fluoro-8-methylcytosine	Cl	O-amino acid
CF ₃	O-amino acid	H	O	6-N-acetyl-2-fluoro-8-methyladenine	Cl	O-amino acid
CF ₃	O-amino acid	H	O	6-N-acetyl-2-amino-8-methyladenine	Cl	O-amino acid
CF ₃	O-amino acid	H	O	2-N-acetylamino-8-methyladenine	Cl	O-amino acid
CF ₃	O-amino acid	H	O	2-N-acetylamino-8-methylhypoxanthine	Cl	O-amino acid
CF ₃	O-amino acid	H	O	6-Methylthymine	Cl	O-acyl
CF ₃	O-amino acid	H	O	6-Methyluracil	Cl	O-acyl
CF ₃	O-amino acid	H	O	8-Methylguanine	Cl	O-acyl
CF ₃	O-amino acid	H	O	6-Methylcytosine	Cl	O-acyl
CF ₃	O-amino acid	H	O	8-Methyladenine	Cl	O-acyl
CF ₃	O-amino acid	H	O	8-Methylhypoxanthine	Cl	O-acyl
CF ₃	O-amino acid	H	O	5-Fluoro-6-Methyluracil	Cl	O-acyl
CF ₃	O-amino acid	H	O	5-Fluoro-6-Methylcytosine	Cl	O-acyl
CF ₃	O-amino acid	H	O	2-Fluoro-8-methyladenine	Cl	O-acyl
CF ₃	O-amino acid	H	O	2-Fluoro-8-methylhypoxanthine	Cl	O-acyl
CF ₃	O-amino acid	H	O	2-Amino-8-methyladenine	Cl	O-acyl
CF ₃	O-amino acid	H	O	2-Amino-8-methylhypoxanthine	Cl	O-acyl
CF ₃	O-amino acid	H	O	2-N-acetyl-8-methylguanine	Cl	O-acyl
CF ₃	O-amino acid	H	O	4-N-acetyl-8-methylcytosine	Cl	O-acyl
CF ₃	O-amino acid	H	O	6-N-acetyl-8-methyladenine	Cl	O-acyl
CF ₃	O-amino acid	H	O	4-N-acetyl-5-fluoro-8-methylcytosine	Cl	O-acyl
CF ₃	O-amino acid	H	O	6-N-acetyl-2-fluoro-8-methyladenine	Cl	O-acyl
CF ₃	O-amino acid	H	O	6-N-acetyl-2-amino-8-methyladenine	Cl	O-acyl
CF ₃	O-amino acid	H	O	2-N-acetylamino-8-methyladenine	Cl	O-acyl
CF ₃	O-amino acid	H	O	2-N-acetylamino-8-methylhypoxanthine	Cl	O-acyl
CF ₃	O-amino acid	H	O	6-Methylthymine	Cl	OH
CF ₃	O-amino acid	H	O	6-Methyluracil	Cl	OH
CF ₃	O-amino acid	H	O	8-Methylguanine	Cl	OH
CF ₃	O-amino acid	H	O	6-Methylcytosine	Cl	OH
CF ₃	O-amino acid	H	O	8-Methyladenine	Cl	OH
CF ₃	O-amino acid	H	O	8-Methylhypoxanthine	Cl	OH
CF ₃	O-amino acid	H	O	5-Fluoro-6-Methyluracil	Cl	OH
CF ₃	O-amino acid	H	O	5-Fluoro-6-Methylcytosine	Cl	OH
CF ₃	O-amino acid	H	O	2-Fluoro-8-methyladenine	Cl	OH
CF ₃	O-amino acid	H	O	2-Fluoro-8-methylhypoxanthine	Cl	OH
CF ₃	O-amino acid	H	O	2-Amino-8-methyladenine	Cl	OH
CF ₃	O-amino acid	H	O	2-Amino-8-methylhypoxanthine	Cl	OH

TABLE 6-continued

R ⁶	R ⁷	R ⁸	X	Base	R ¹⁰	R ⁹
CF ₃	O-amino acid	H	O	2-N-acetyl-8-methylguanine	Cl	OH
CF ₃	O-amino acid	H	O	4-N-acetyl-8-methylcytosine	Cl	OH
CF ₃	O-amino acid	H	O	6-N-acetyl-8-methyladenine	Cl	OH
CF ₃	O-amino acid	H	O	4-N-acetyl-5-fluoro-8-methylcytosine	Cl	OH
CF ₃	O-amino acid	H	O	6-N-acetyl-2-fluoro-8-methyladenine	Cl	OH
CF ₃	O-amino acid	H	O	6-N-acetyl-2-amino-8-methyladenine	Cl	OH
CF ₃	O-amino acid	H	O	2-N-acetylamino-8-methyladenine	Cl	OH
CF ₃	O-amino acid	H	O	2-N-acetylamino-8-methylhypoxanthine	Cl	OH
CF ₃	O-amino acid	H	O	6-Methylthymine	H	H
CF ₃	O-amino acid	H	O	6-Methyluracil	H	H
CF ₃	O-amino acid	H	O	8-Methylguanine	H	H
CF ₃	O-amino acid	H	O	6-Methylcytosine	H	H
CF ₃	O-amino acid	H	O	8-Methyladenine	H	H
CF ₃	O-amino acid	H	O	8-Methylhypoxanthine	H	H
CF ₃	O-amino acid	H	O	5-Fluoro-6-Methyluracil	H	H
CF ₃	O-amino acid	H	O	5-Fluoro-6-Methylcytosine	H	H
CF ₃	O-amino acid	H	O	2-Fluoro-8-methyladenine	H	H
CF ₃	O-amino acid	H	O	2-Fluoro-8-methylhypoxanthine	H	H
CF ₃	O-amino acid	H	O	2-Amino-8-methyladenine	H	H
CF ₃	O-amino acid	H	O	2-Amino-8-methylhypoxanthine	H	H
CF ₃	O-amino acid	H	O	2-N-acetyl-8-methylguanine	H	H
CF ₃	O-amino acid	H	O	4-N-acetyl-8-methylcytosine	H	H
CF ₃	O-amino acid	H	O	6-N-acetyl-8-methyladenine	H	H
CF ₃	O-amino acid	H	O	4-N-acetyl-5-fluoro-8-methylcytosine	H	H
CF ₃	O-amino acid	H	O	6-N-acetyl-2-fluoro-8-methyladenine	H	H
CF ₃	O-amino acid	H	O	6-N-acetyl-2-amino-8-methyladenine	H	H
CF ₃	O-amino acid	H	O	2-N-acetylamino-8-methyladenine	H	H
CF ₃	O-amino acid	H	O	2-N-acetylamino-8-methylhypoxanthine	H	H
CF ₃	O-amino acid	H	O	6-Methylthymine	H	O-amino acid
CF ₃	O-amino acid	H	O	6-Methyluracil	H	O-amino acid
CF ₃	O-amino acid	H	O	8-Methylguanine	H	O-amino acid
CF ₃	O-amino acid	H	O	6-Methylcytosine	H	O-amino acid
CF ₃	O-amino acid	H	O	8-Methyladenine	H	O-amino acid
CF ₃	O-amino acid	H	O	8-Methylhypoxanthine	H	O-amino acid
CF ₃	O-amino acid	H	O	5-Fluoro-6-Methyluracil	H	O-amino acid
CF ₃	O-amino acid	H	O	5-Fluoro-6-Methylcytosine	H	O-amino acid
CF ₃	O-amino acid	H	O	2-Fluoro-8-methyladenine	H	O-amino acid
CF ₃	O-amino acid	H	O	2-Fluoro-8-methylhypoxanthine	H	O-amino acid
CF ₃	O-amino acid	H	O	2-Amino-8-methyladenine	H	O-amino acid
CF ₃	O-amino acid	H	O	2-Amino-8-methylhypoxanthine	H	O-amino acid
CF ₃	O-amino acid	H	O	2-N-acetyl-8-methylguanine	H	O-amino acid
CF ₃	O-amino acid	H	O	4-N-acetyl-8-methylcytosine	H	O-amino acid
CF ₃	O-amino acid	H	O	6-N-acetyl-8-methyladenine	H	O-amino acid
CF ₃	O-amino acid	H	O	4-N-acetyl-5-fluoro-8-methylcytosine	H	O-amino acid
CF ₃	O-amino acid	H	O	6-N-acetyl-2-fluoro-8-methyladenine	H	O-amino acid
CF ₃	O-amino acid	H	O	6-N-acetyl-2-amino-8-methyladenine	H	O-amino acid
CF ₃	O-amino acid	H	O	2-N-acetylamino-8-methyladenine	H	O-amino acid
CF ₃	O-amino acid	H	O	2-N-acetylamino-8-methylhypoxanthine	H	O-amino acid
CF ₃	O-amino acid	H	O	6-Methylthymine	H	O-acyl
CF ₃	O-amino acid	H	O	6-Methyluracil	H	O-acyl
CF ₃	O-amino acid	H	O	8-Methylguanine	H	O-acyl
CF ₃	O-amino acid	H	O	6-Methylcytosine	H	O-acyl
CF ₃	O-amino acid	H	O	8-Methyladenine	H	O-acyl
CF ₃	O-amino acid	H	O	8-Methylhypoxanthine	H	O-acyl
CF ₃	O-amino acid	H	O	5-Fluoro-6-Methyluracil	H	O-acyl
CF ₃	O-amino acid	H	O	5-Fluoro-6-Methylcytosine	H	O-acyl
CF ₃	O-amino acid	H	O	2-Fluoro-8-methyladenine	H	O-acyl
CF ₃	O-amino acid	H	O	2-Fluoro-8-methylhypoxanthine	H	O-acyl
CF ₃	O-amino acid	H	O	2-Amino-8-methyladenine	H	O-acyl
CF ₃	O-amino acid	H	O	2-Amino-8-methylhypoxanthine	H	O-acyl
CF ₃	O-amino acid	H	O	2-N-acetyl-8-methylguanine	H	O-acyl
CF ₃	O-amino acid	H	O	4-N-acetyl-8-methylcytosine	H	O-acyl
CF ₃	O-amino acid	H	O	6-N-acetyl-8-methyladenine	H	O-acyl
CF ₃	O-amino acid	H	O	4-N-acetyl-5-fluoro-8-methylcytosine	H	O-acyl
CF ₃	O-amino acid	H	O	6-N-acetyl-2-fluoro-8-methyladenine	H	O-acyl
CF ₃	O-amino acid	H	O	6-N-acetyl-2-amino-8-methyladenine	H	O-acyl
CF ₃	O-amino acid	H	O	2-N-acetylamino-8-methyladenine	H	O-acyl
CF ₃	O-amino acid	H	O	2-N-acetylamino-8-methylhypoxanthine	H	O-acyl
CF ₃	O-amino acid	H	O	6-Methylthymine	H	OH
CF ₃	O-amino acid	H	O	6-Methyluracil	H	OH
CF ₃	O-amino acid	H	O	8-Methylguanine	H	OH
CF ₃	O-amino acid	H	O	6-Methylcytosine	H	OH
CF ₃	O-amino acid	H	O	8-Methyladenine	H	OH

TABLE 6-continued

R ⁶	R ⁷	R ⁸	X	Base	R ¹⁰	R ⁹
CF ₃	O-amino acid	H	O	8-Methylhypoxanthine	H	OH
CF ₃	O-amino acid	H	O	5-Fluoro-6-Methyluracil	H	OH
CF ₃	O-amino acid	H	O	5-Fluoro-6-Methylcytosine	H	OH
CF ₃	O-amino acid	H	O	2-Fluoro-8-methyladenine	H	OH
CF ₃	O-amino acid	H	O	2-Fluoro-8-methylhypoxanthine	H	OH
CF ₃	O-amino acid	H	O	2-Amino-8-methyladenine	H	OH
CF ₃	O-amino acid	H	O	2-Amino-8-methylhypoxanthine	H	OH
CF ₃	O-amino acid	H	O	2-N-acetyl-8-methylguanine	H	OH
CF ₃	O-amino acid	H	O	4-N-acetyl-8-methylcytosine	H	OH
CF ₃	O-amino acid	H	O	6-N-acetyl-8-methyladenine	H	OH
CF ₃	O-amino acid	H	O	4-N-acetyl-5-fluoro-8-methylcytosine	H	OH
CF ₃	O-amino acid	H	O	6-N-acetyl-2-fluoro-8-methyladenine	H	OH
CF ₃	O-amino acid	H	O	6-N-acetyl-2-amino-8-methyladenine	H	OH
CF ₃	O-amino acid	H	O	2-N-acetylamino-8-methyladenine	H	OH
CF ₃	O-amino acid	H	O	2-N-acetylamino-8-methylhypoxanthine	H	OH
CF ₃	O-amino acid	H	O	6-Methylthymine	OH	H
CF ₃	O-amino acid	H	O	6-Methyluracil	OH	H
CF ₃	O-amino acid	H	O	8-Methylguanine	OH	H
CF ₃	O-amino acid	H	O	6-Methylcytosine	OH	H
CF ₃	O-amino acid	H	O	8-Methyladenine	OH	H
CF ₃	O-amino acid	H	O	8-Methylhypoxanthine	OH	H
CF ₃	O-amino acid	H	O	5-Fluoro-6-Methyluracil	OH	H
CF ₃	O-amino acid	H	O	5-Fluoro-6-Methylcytosine	OH	H
CF ₃	O-amino acid	H	O	2-Fluoro-8-methyladenine	OH	H
CF ₃	O-amino acid	H	O	2-Fluoro-8-methylhypoxanthine	OH	H
CF ₃	O-amino acid	H	O	2-Amino-8-methyladenine	OH	H
CF ₃	O-amino acid	H	O	2-Amino-8-methylhypoxanthine	OH	H
CF ₃	O-amino acid	H	O	2-N-acetyl-8-methylguanine	OH	H
CF ₃	O-amino acid	H	O	4-N-acetyl-8-methylcytosine	OH	H
CF ₃	O-amino acid	H	O	6-N-acetyl-8-methyladenine	OH	H
CF ₃	O-amino acid	H	O	4-N-acetyl-5-fluoro-8-methylcytosine	OH	H
CF ₃	O-amino acid	H	O	6-N-acetyl-2-fluoro-8-methyladenine	OH	H
CF ₃	O-amino acid	H	O	6-N-acetyl-2-amino-8-methyladenine	OH	H
CF ₃	O-amino acid	H	O	2-N-acetylamino-8-methyladenine	OH	H
CF ₃	O-amino acid	H	O	2-N-acetylamino-8-methylhypoxanthine	OH	H
CF ₃	OH	F	O	6-Methylthymine	F	O-amino acid
CF ₃	OH	F	O	6-Methyluracil	F	O-amino acid
CF ₃	OH	F	O	8-Methylguanine	F	O-amino acid
CF ₃	OH	F	O	6-Methylcytosine	F	O-amino acid
CF ₃	OH	F	O	8-Methyladenine	F	O-amino acid
CF ₃	OH	F	O	8-Methylhypoxanthine	F	O-amino acid
CF ₃	OH	F	O	5-Fluoro-6-Methyluracil	F	O-amino acid
CF ₃	OH	F	O	5-Fluoro-6-Methylcytosine	F	O-amino acid
CF ₃	OH	F	O	2-Fluoro-8-methyladenine	F	O-amino acid
CF ₃	OH	F	O	2-Fluoro-8-methylhypoxanthine	F	O-amino acid
CF ₃	OH	F	O	2-Amino-8-methyladenine	F	O-amino acid
CF ₃	OH	F	O	2-Amino-8-methylhypoxanthine	F	O-amino acid
CF ₃	OH	F	O	2-N-acetyl-8-methylguanine	F	O-amino acid
CF ₃	OH	F	O	4-N-acetyl-8-methylcytosine	F	O-amino acid
CF ₃	OH	F	O	6-N-acetyl-8-methyladenine	F	O-amino acid
CF ₃	OH	F	O	4-N-acetyl-5-fluoro-8-methylcytosine	F	O-amino acid
CF ₃	OH	F	O	6-N-acetyl-2-fluoro-8-methyladenine	F	O-amino acid
CF ₃	OH	F	O	6-N-acetyl-2-amino-8-methyladenine	F	O-amino acid
CF ₃	OH	F	O	2-N-acetylamino-8-methyladenine	F	O-amino acid
CF ₃	OH	F	O	2-N-acetylamino-8-methylhypoxanthine	F	O-amino acid
CF ₃	OH	F	O	6-Methylthymine	F	O-acyl
CF ₃	OH	F	O	6-Methyluracil	F	O-acyl
CF ₃	OH	F	O	8-Methylguanine	F	O-acyl
CF ₃	OH	F	O	6-Methylcytosine	F	O-acyl
CF ₃	OH	F	O	8-Methyladenine	F	O-acyl
CF ₃	OH	F	O	8-Methylhypoxanthine	F	O-acyl
CF ₃	OH	F	O	5-Fluoro-6-Methyluracil	F	O-acyl
CF ₃	OH	F	O	5-Fluoro-6-Methylcytosine	F	O-acyl
CF ₃	OH	F	O	2-Fluoro-8-methyladenine	F	O-acyl
CF ₃	OH	F	O	2-Fluoro-8-methylhypoxanthine	F	O-acyl
CF ₃	OH	F	O	2-Amino-8-methyladenine	F	O-acyl
CF ₃	OH	F	O	2-Amino-8-methylhypoxanthine	F	O-acyl
CF ₃	OH	F	O	2-N-acetyl-8-methylguanine	F	O-acyl
CF ₃	OH	F	O	4-N-acetyl-8-methylcytosine	F	O-acyl
CF ₃	OH	F	O	6-N-acetyl-8-methyladenine	F	O-acyl
CF ₃	OH	F	O	4-N-acetyl-5-fluoro-8-methylcytosine	F	O-acyl
CF ₃	OH	F	O	6-N-acetyl-2-fluoro-8-methyladenine	F	O-acyl
CF ₃	OH	F	O	6-N-acetyl-2-amino-8-methyladenine	F	O-acyl
CF ₃	OH	F	O	2-N-acetylamino-8-methyladenine	F	O-acyl

TABLE 6-continued

R ⁶	R ⁷	R ⁸	X	Base	R ¹⁰	R ⁹
CF ₃	OH	F	O	2-N-acetylamino-8-methylhypoxanthine	F	O-acyl
CF ₃	OH	F	O	6-Methylthymine	Br	O-amino acid
CF ₃	OH	F	O	6-Methyluracil	Br	O-amino acid
CF ₃	OH	F	O	8-Methylguanine	Br	O-amino acid
CF ₃	OH	F	O	6-Methylcytosine	Br	O-amino acid
CF ₃	OH	F	O	8-Methyladenine	Br	O-amino acid
CF ₃	OH	F	O	8-Methylhypoxanthine	Br	O-amino acid
CF ₃	OH	F	O	5-Fluoro-6-Methyluracil	Br	O-amino acid
CF ₃	OH	F	O	5-Fluoro-6-Methylcytosine	Br	O-amino acid
CF ₃	OH	F	O	2-Fluoro-8-methyladenine	Br	O-amino acid
CF ₃	OH	F	O	2-Fluoro-8-methylhypoxanthine	Br	O-amino acid
CF ₃	OH	F	O	2-Amino-8-methyladenine	Br	O-amino acid
CF ₃	OH	F	O	2-Amino-8-methylhypoxanthine	Br	O-amino acid
CF ₃	OH	F	O	2-N-acetyl-8-methylguanine	Br	O-amino acid
CF ₃	OH	F	O	4-N-acetyl-8-methylcytosine	Br	O-amino acid
CF ₃	OH	F	O	6-N-acetyl-8-methyladenine	Br	O-amino acid
CF ₃	OH	F	O	4-N-acetyl-5-fluoro-8-methylcytosine	Br	O-amino acid
CF ₃	OH	F	O	6-N-acetyl-2-fluoro-8-methyladenine	Br	O-amino acid
CF ₃	OH	F	O	6-N-acetyl-2-amino-8-methyladenine	Br	O-amino acid
CF ₃	OH	F	O	2-N-acetylamino-8-methyladenine	Br	O-amino acid
CF ₃	OH	F	O	2-N-acetylamino-8-methylhypoxanthine	Br	O-amino acid
CF ₃	OH	F	O	6-Methylthymine	Br	O-acyl
CF ₃	OH	F	O	6-Methyluracil	Br	O-acyl
CF ₃	OH	F	O	8-Methylguanine	Br	O-acyl
CF ₃	OH	F	O	6-Methylcytosine	Br	O-acyl
CF ₃	OH	F	O	8-Methyladenine	Br	O-acyl
CF ₃	OH	F	O	8-Methylhypoxanthine	Br	O-acyl
CF ₃	OH	F	O	5-Fluoro-6-Methyluracil	Br	O-acyl
CF ₃	OH	F	O	5-Fluoro-6-Methylcytosine	Br	O-acyl
CF ₃	OH	F	O	2-Fluoro-8-methyladenine	Br	O-acyl
CF ₃	OH	F	O	2-Fluoro-8-methylhypoxanthine	Br	O-acyl
CF ₃	OH	F	O	2-Amino-8-methyladenine	Br	O-acyl
CF ₃	OH	F	O	2-Amino-8-methylhypoxanthine	Br	O-acyl
CF ₃	OH	F	O	2-N-acetyl-8-methylguanine	Br	O-acyl
CF ₃	OH	F	O	4-N-acetyl-8-methylcytosine	Br	O-acyl
CF ₃	OH	F	O	6-N-acetyl-8-methyladenine	Br	O-acyl
CF ₃	OH	F	O	4-N-acetyl-5-fluoro-8-methylcytosine	Br	O-acyl
CF ₃	OH	F	O	6-N-acetyl-2-fluoro-8-methyladenine	Br	O-acyl
CF ₃	OH	F	O	6-N-acetyl-2-amino-8-methyladenine	Br	O-acyl
CF ₃	OH	F	O	2-N-acetylamino-8-methyladenine	Br	O-acyl
CF ₃	OH	F	O	2-N-acetylamino-8-methylhypoxanthine	Br	O-acyl
CF ₃	OH	F	O	6-Methylthymine	Cl	O-amino acid
CF ₃	OH	F	O	6-Methyluracil	Cl	O-amino acid
CF ₃	OH	F	O	8-Methylguanine	Cl	O-amino acid
CF ₃	OH	F	O	6-Methylcytosine	Cl	O-amino acid
CF ₃	OH	F	O	8-Methyladenine	Cl	O-amino acid
CF ₃	OH	F	O	8-Methylhypoxanthine	Cl	O-amino acid
CF ₃	OH	F	O	5-Fluoro-6-Methyluracil	Cl	O-amino acid
CF ₃	OH	F	O	5-Fluoro-6-Methylcytosine	Cl	O-amino acid
CF ₃	OH	F	O	2-Fluoro-8-methyladenine	Cl	O-amino acid
CF ₃	OH	F	O	2-Fluoro-8-methylhypoxanthine	Cl	O-amino acid
CF ₃	OH	F	O	2-Amino-8-methyladenine	Cl	O-amino acid
CF ₃	OH	F	O	2-Amino-8-methylhypoxanthine	Cl	O-amino acid
CF ₃	OH	F	O	2-N-acetyl-8-methylguanine	Cl	O-amino acid
CF ₃	OH	F	O	4-N-acetyl-8-methylcytosine	Cl	O-amino acid
CF ₃	OH	F	O	6-N-acetyl-8-methyladenine	Cl	O-amino acid
CF ₃	OH	F	O	4-N-acetyl-5-fluoro-8-methylcytosine	Cl	O-amino acid
CF ₃	OH	F	O	6-N-acetyl-2-fluoro-8-methyladenine	Cl	O-amino acid
CF ₃	OH	F	O	6-N-acetyl-2-amino-8-methyladenine	Cl	O-amino acid
CF ₃	OH	F	O	2-N-acetylamino-8-methyladenine	Cl	O-amino acid
CF ₃	OH	F	O	2-N-acetylamino-8-methylhypoxanthine	Cl	O-amino acid
CF ₃	OH	F	O	6-Methylthymine	Cl	O-acyl
CF ₃	OH	F	O	6-Methyluracil	Cl	O-acyl
CF ₃	OH	F	O	8-Methylguanine	Cl	O-acyl
CF ₃	OH	F	O	6-Methylcytosine	Cl	O-acyl
CF ₃	OH	F	O	8-Methyladenine	Cl	O-acyl
CF ₃	OH	F	O	8-Methylhypoxanthine	Cl	O-acyl
CF ₃	OH	F	O	5-Fluoro-6-Methyluracil	Cl	O-acyl
CF ₃	OH	F	O	5-Fluoro-6-Methylcytosine	Cl	O-acyl
CF ₃	OH	F	O	2-Fluoro-8-methyladenine	Cl	O-acyl
CF ₃	OH	F	O	2-Fluoro-8-methylhypoxanthine	Cl	O-acyl
CF ₃	OH	F	O	2-Amino-8-methyladenine	Cl	O-acyl
CF ₃	OH	F	O	2-Amino-8-methylhypoxanthine	Cl	O-acyl

TABLE 6-continued

R ⁶	R ⁷	R ⁸	X	Base	R ¹⁰	R ⁹
CF ₃	OH	F	O	2-N-acetyl-8-methylguanine	Cl	O-acyl
CF ₃	OH	F	O	4-N-acetyl-8-methylcytosine	Cl	O-acyl
CF ₃	OH	F	O	6-N-acetyl-8-methyladenine	Cl	O-acyl
CF ₃	OH	F	O	4-N-acetyl-5-fluoro-8-methylcytosine	Cl	O-acyl
CF ₃	OH	F	O	6-N-acetyl-2-fluoro-8-methyladenine	Cl	O-acyl
CF ₃	OH	F	O	6-N-acetyl-2-amino-8-methyladenine	Cl	O-acyl
CF ₃	OH	F	O	2-N-acetylamino-8-methyladenine	Cl	O-acyl
CF ₃	OH	F	O	2-N-acetylamino-8-methylhypoxanthine	Cl	O-acyl
CF ₃	OH	F	O	6-Methylthymine	H	O-amino acid
CF ₃	OH	F	O	6-Methyluracil	H	O-amino acid
CF ₃	OH	F	O	8-Methylguanine	H	O-amino acid
CF ₃	OH	F	O	6-Methylcytosine	H	O-amino acid
CF ₃	OH	F	O	8-Methyladenine	H	O-amino acid
CF ₃	OH	F	O	8-Methylhypoxanthine	H	O-amino acid
CF ₃	OH	F	O	5-Fluoro-6-Methyluracil	H	O-amino acid
CF ₃	OH	F	O	5-Fluoro-6-Methylcytosine	H	O-amino acid
CF ₃	OH	F	O	2-Fluoro-8-methyladenine	H	O-amino acid
CF ₃	OH	F	O	2-Fluoro-8-methylhypoxanthine	H	O-amino acid
CF ₃	OH	F	O	2-Amino-8-methyladenine	H	O-amino acid
CF ₃	OH	F	O	2-Amino-8-methylhypoxanthine	H	O-amino acid
CF ₃	OH	F	O	2-N-acetyl-8-methylguanine	H	O-amino acid
CF ₃	OH	F	O	4-N-acetyl-8-methylcytosine	H	O-amino acid
CF ₃	OH	F	O	6-N-acetyl-8-methyladenine	H	O-amino acid
CF ₃	OH	F	O	4-N-acetyl-5-fluoro-8-methylcytosine	H	O-amino acid
CF ₃	OH	F	O	6-N-acetyl-2-fluoro-8-methyladenine	H	O-amino acid
CF ₃	OH	F	O	6-N-acetyl-2-amino-8-methyladenine	H	O-amino acid
CF ₃	OH	F	O	2-N-acetylamino-8-methyladenine	H	O-amino acid
CF ₃	OH	F	O	2-N-acetylamino-8-methylhypoxanthine	H	O-amino acid
CF ₃	OH	F	O	6-Methylthymine	H	O-acyl
CF ₃	OH	F	O	6-Methyluracil	H	O-acyl
CF ₃	OH	F	O	8-Methylguanine	H	O-acyl
CF ₃	OH	F	O	6-Methylcytosine	H	O-acyl
CF ₃	OH	F	O	8-Methyladenine	H	O-acyl
CF ₃	OH	F	O	8-Methylhypoxanthine	H	O-acyl
CF ₃	OH	F	O	5-Fluoro-6-Methyluracil	H	O-acyl
CF ₃	OH	F	O	5-Fluoro-6-Methylcytosine	H	O-acyl
CF ₃	OH	F	O	2-Fluoro-8-methyladenine	H	O-acyl
CF ₃	OH	F	O	2-Fluoro-8-methylhypoxanthine	H	O-acyl
CF ₃	OH	F	O	2-Amino-8-methyladenine	H	O-acyl
CF ₃	OH	F	O	2-Amino-8-methylhypoxanthine	H	O-acyl
CF ₃	OH	F	O	2-N-acetyl-8-methylguanine	H	O-acyl
CF ₃	OH	F	O	4-N-acetyl-8-methylcytosine	H	O-acyl
CF ₃	OH	F	O	6-N-acetyl-8-methyladenine	H	O-acyl
CF ₃	OH	F	O	4-N-acetyl-5-fluoro-8-methylcytosine	H	O-acyl
CF ₃	OH	F	O	6-N-acetyl-2-fluoro-8-methyladenine	H	O-acyl
CF ₃	OH	F	O	6-N-acetyl-2-amino-8-methyladenine	H	O-acyl
CF ₃	OH	F	O	2-N-acetylamino-8-methyladenine	H	O-acyl
CF ₃	OH	F	O	2-N-acetylamino-8-methylhypoxanthine	H	O-acyl
CF ₃	OH	Br	O	6-Methylthymine	F	O-amino acid
CF ₃	OH	Br	O	6-Methyluracil	F	O-amino acid
CF ₃	OH	Br	O	8-Methylguanine	F	O-amino acid
CF ₃	OH	Br	O	6-Methylcytosine	F	O-amino acid
CF ₃	OH	Br	O	8-Methyladenine	F	O-amino acid
CF ₃	OH	Br	O	8-Methylhypoxanthine	F	O-amino acid
CF ₃	OH	Br	O	5-Fluoro-6-Methyluracil	F	O-amino acid
CF ₃	OH	Br	O	5-Fluoro-6-Methylcytosine	F	O-amino acid
CF ₃	OH	Br	O	2-Fluoro-8-methyladenine	F	O-amino acid
CF ₃	OH	Br	O	2-Fluoro-8-methylhypoxanthine	F	O-amino acid
CF ₃	OH	Br	O	2-Amino-8-methyladenine	F	O-amino acid
CF ₃	OH	Br	O	2-Amino-8-methylhypoxanthine	F	O-amino acid
CF ₃	OH	Br	O	2-N-acetyl-8-methylguanine	F	O-amino acid
CF ₃	OH	Br	O	4-N-acetyl-8-methylcytosine	F	O-amino acid
CF ₃	OH	Br	O	6-N-acetyl-8-methyladenine	F	O-amino acid
CF ₃	OH	Br	O	4-N-acetyl-5-fluoro-8-methylcytosine	F	O-amino acid
CF ₃	OH	Br	O	6-N-acetyl-2-fluoro-8-methyladenine	F	O-amino acid
CF ₃	OH	Br	O	6-N-acetyl-2-amino-8-methyladenine	F	O-amino acid
CF ₃	OH	Br	O	2-N-acetylamino-8-methyladenine	F	O-amino acid
CF ₃	OH	Br	O	2-N-acetylamino-8-methylhypoxanthine	F	O-amino acid
CF ₃	OH	Br	O	6-Methylthymine	F	O-acyl
CF ₃	OH	Br	O	6-Methyluracil	F	O-acyl
CF ₃	OH	Br	O	8-Methylguanine	F	O-acyl
CF ₃	OH	Br	O	6-Methylcytosine	F	O-acyl
CF ₃	OH	Br	O	8-Methyladenine	F	O-acyl

TABLE 6-continued

R ⁶	R ⁷	R ⁸	X	Base	R ¹⁰	R ⁹
CF ₃	OH	Br	O	8-Methylhypoxanthine	F	O-acyl
CF ₃	OH	Br	O	5-Fluoro-6-Methyluracil	F	O-acyl
CF ₃	OH	Br	O	5-Fluoro-6-Methylcytosine	F	O-acyl
CF ₃	OH	Br	O	2-Fluoro-8-methyladenine	F	O-acyl
CF ₃	OH	Br	O	2-Fluoro-8-methylhypoxanthine	F	O-acyl
CF ₃	OH	Br	O	2-Amino-8-methyladenine	F	O-acyl
CF ₃	OH	Br	O	2-Amino-8-methylhypoxanthine	F	O-acyl
CF ₃	OH	Br	O	2-N-acetyl-8-methylguanine	F	O-acyl
CF ₃	OH	Br	O	4-N-acetyl-8-methylcytosine	F	O-acyl
CF ₃	OH	Br	O	6-N-acetyl-8-methyladenine	F	O-acyl
CF ₃	OH	Br	O	4-N-acetyl-5-fluoro-8-methylcytosine	F	O-acyl
CF ₃	OH	Br	O	6-N-acetyl-2-fluoro-8-methyladenine	F	O-acyl
CF ₃	OH	Br	O	6-N-acetyl-2-amino-8-methyladenine	F	O-acyl
CF ₃	OH	Br	O	2-N-acetylamino-8-methyladenine	F	O-acyl
CF ₃	OH	Br	O	2-N-acetylamino-8-methylhypoxanthine	F	O-acyl
CF ₃	OH	Br	O	6-Methylthymine	Br	O-amino acid
CF ₃	OH	Br	O	6-Methyluracil	Br	O-amino acid
CF ₃	OH	Br	O	8-Methylguanine	Br	O-amino acid
CF ₃	OH	Br	O	6-Methylcytosine	Br	O-amino acid
CF ₃	OH	Br	O	8-Methyladenine	Br	O-amino acid
CF ₃	OH	Br	O	8-Methylhypoxanthine	Br	O-amino acid
CF ₃	OH	Br	O	5-Fluoro-6-Methyluracil	Br	O-amino acid
CF ₃	OH	Br	O	5-Fluoro-6-Methylcytosine	Br	O-amino acid
CF ₃	OH	Br	O	2-Fluoro-8-methyladenine	Br	O-amino acid
CF ₃	OH	Br	O	2-Fluoro-8-methylhypoxanthine	Br	O-amino acid
CF ₃	OH	Br	O	2-Amino-8-methyladenine	Br	O-amino acid
CF ₃	OH	Br	O	2-Amino-8-methylhypoxanthine	Br	O-amino acid
CF ₃	OH	Br	O	2-N-acetyl-8-methylguanine	Br	O-amino acid
CF ₃	OH	Br	O	4-N-acetyl-8-methylcytosine	Br	O-amino acid
CF ₃	OH	Br	O	6-N-acetyl-8-methyladenine	Br	O-amino acid
CF ₃	OH	Br	O	4-N-acetyl-5-fluoro-8-methylcytosine	Br	O-amino acid
CF ₃	OH	Br	O	6-N-acetyl-2-fluoro-8-methyladenine	Br	O-amino acid
CF ₃	OH	Br	O	6-N-acetyl-2-amino-8-methyladenine	Br	O-amino acid
CF ₃	OH	Br	O	2-N-acetylamino-8-methyladenine	Br	O-amino acid
CF ₃	OH	Br	O	2-N-acetylamino-8-methylhypoxanthine	Br	O-amino acid
CF ₃	OH	Br	O	6-Methylthymine	Br	O-acyl
CF ₃	OH	Br	O	6-Methyluracil	Br	O-acyl
CF ₃	OH	Br	O	8-Methylguanine	Br	O-acyl
CF ₃	OH	Br	O	6-Methylcytosine	Br	O-acyl
CF ₃	OH	Br	O	8-Methyladenine	Br	O-acyl
CF ₃	OH	Br	O	8-Methylhypoxanthine	Br	O-acyl
CF ₃	OH	Br	O	5-Fluoro-6-Methyluracil	Br	O-acyl
CF ₃	OH	Br	O	5-Fluoro-6-Methylcytosine	Br	O-acyl
CF ₃	OH	Br	O	2-Fluoro-8-methyladenine	Br	O-acyl
CF ₃	OH	Br	O	2-Fluoro-8-methylhypoxanthine	Br	O-acyl
CF ₃	OH	Br	O	2-Amino-8-methyladenine	Br	O-acyl
CF ₃	OH	Br	O	2-Amino-8-methylhypoxanthine	Br	O-acyl
CF ₃	OH	Br	O	2-N-acetyl-8-methylguanine	Br	O-acyl
CF ₃	OH	Br	O	4-N-acetyl-8-methylcytosine	Br	O-acyl
CF ₃	OH	Br	O	6-N-acetyl-8-methyladenine	Br	O-acyl
CF ₃	OH	Br	O	4-N-acetyl-5-fluoro-8-methylcytosine	Br	O-acyl
CF ₃	OH	Br	O	6-N-acetyl-2-fluoro-8-methyladenine	Br	O-acyl
CF ₃	OH	Br	O	6-N-acetyl-2-amino-8-methyladenine	Br	O-acyl
CF ₃	OH	Br	O	2-N-acetylamino-8-methyladenine	Br	O-acyl
CF ₃	OH	Br	O	2-N-acetylamino-8-methylhypoxanthine	Br	O-acyl
CF ₃	OH	Br	O	6-Methylthymine	Cl	O-amino acid
CF ₃	OH	Br	O	6-Methyluracil	Cl	O-amino acid
CF ₃	OH	Br	O	8-Methylguanine	Cl	O-amino acid
CF ₃	OH	Br	O	6-Methylcytosine	Cl	O-amino acid
CF ₃	OH	Br	O	8-Methyladenine	Cl	O-amino acid
CF ₃	OH	Br	O	8-Methylhypoxanthine	Cl	O-amino acid
CF ₃	OH	Br	O	5-Fluoro-6-Methyluracil	Cl	O-amino acid
CF ₃	OH	Br	O	5-Fluoro-6-Methylcytosine	Cl	O-amino acid
CF ₃	OH	Br	O	2-Fluoro-8-methyladenine	Cl	O-amino acid
CF ₃	OH	Br	O	2-Fluoro-8-methylhypoxanthine	Cl	O-amino acid
CF ₃	OH	Br	O	2-Amino-8-methyladenine	Cl	O-amino acid
CF ₃	OH	Br	O	2-Amino-8-methylhypoxanthine	Cl	O-amino acid
CF ₃	OH	Br	O	2-N-acetyl-8-methylguanine	Cl	O-amino acid
CF ₃	OH	Br	O	4-N-acetyl-8-methylcytosine	Cl	O-amino acid
CF ₃	OH	Br	O	6-N-acetyl-8-methyladenine	Cl	O-amino acid
CF ₃	OH	Br	O	4-N-acetyl-5-fluoro-8-methylcytosine	Cl	O-amino acid
CF ₃	OH	Br	O	6-N-acetyl-2-fluoro-8-methyladenine	Cl	O-amino acid
CF ₃	OH	Br	O	6-N-acetyl-2-amino-8-methyladenine	Cl	O-amino acid
CF ₃	OH	Br	O	2-N-acetylamino-8-methyladenine	Cl	O-amino acid
CF ₃	OH	Br	O	2-N-acetylamino-8-methylhypoxanthine	Cl	O-amino acid

TABLE 6-continued

R ⁶	R ⁷	R ⁸	X	Base	R ¹⁰	R ⁹
CF ₃	OH	Br	O	2-N-acetylamino-8-methylhypoxanthine	Cl	O-amino acid
CF ₃	OH	Br	O	6-Methylthymine	Cl	O-acyl
CF ₃	OH	Br	O	6-Methyluracil	Cl	O-acyl
CF ₃	OH	Br	O	8-Methylguanine	Cl	O-acyl
CF ₃	OH	Br	O	6-Methylcytosine	Cl	O-acyl
CF ₃	OH	Br	O	8-Methyladenine	Cl	O-acyl
CF ₃	OH	Br	O	8-Methylhypoxanthine	Cl	O-acyl
CF ₃	OH	Br	O	5-Fluoro-6-Methyluracil	Cl	O-acyl
CF ₃	OH	Br	O	5-Fluoro-6-Methylcytosine	Cl	O-acyl
CF ₃	OH	Br	O	2-Fluoro-8-methyladenine	Cl	O-acyl
CF ₃	OH	Br	O	2-Fluoro-8-methylhypoxanthine	Cl	O-acyl
CF ₃	OH	Br	O	2-Amino-8-methyladenine	Cl	O-acyl
CF ₃	OH	Br	O	2-Amino-8-methylhypoxanthine	Cl	O-acyl
CF ₃	OH	Br	O	2-N-acetyl-8-methylguanine	Cl	O-acyl
CF ₃	OH	Br	O	4-N-acetyl-8-methylcytosine	Cl	O-acyl
CF ₃	OH	Br	O	6-N-acetyl-8-methyladenine	Cl	O-acyl
CF ₃	OH	Br	O	4-N-acetyl-5-fluoro-8-methylcytosine	Cl	O-acyl
CF ₃	OH	Br	O	6-N-acetyl-2-fluoro-8-methyladenine	Cl	O-acyl
CF ₃	OH	Br	O	6-N-acetyl-2-amino-8-methyladenine	Cl	O-acyl
CF ₃	OH	Br	O	2-N-acetylamino-8-methyladenine	Cl	O-acyl
CF ₃	OH	Br	O	2-N-acetylamino-8-methylhypoxanthine	Cl	O-acyl
CF ₃	OH	Br	O	6-Methylthymine	H	O-amino acid
CF ₃	OH	Br	O	6-Methyluracil	H	O-amino acid
CF ₃	OH	Br	O	8-Methylguanine	H	O-amino acid
CF ₃	OH	Br	O	6-Methylcytosine	H	O-amino acid
CF ₃	OH	Br	O	8-Methyladenine	H	O-amino acid
CF ₃	OH	Br	O	8-Methylhypoxanthine	H	O-amino acid
CF ₃	OH	Br	O	5-Fluoro-6-Methyluracil	H	O-amino acid
CF ₃	OH	Br	O	5-Fluoro-6-Methylcytosine	H	O-amino acid
CF ₃	OH	Br	O	2-Fluoro-8-methyladenine	H	O-amino acid
CF ₃	OH	Br	O	2-Fluoro-8-methylhypoxanthine	H	O-amino acid
CF ₃	OH	Br	O	2-Amino-8-methyladenine	H	O-amino acid
CF ₃	OH	Br	O	2-Amino-8-methylhypoxanthine	H	O-amino acid
CF ₃	OH	Br	O	2-N-acetyl-8-methylguanine	H	O-amino acid
CF ₃	OH	Br	O	4-N-acetyl-8-methylcytosine	H	O-amino acid
CF ₃	OH	Br	O	6-N-acetyl-8-methyladenine	H	O-amino acid
CF ₃	OH	Br	O	4-N-acetyl-5-fluoro-8-methylcytosine	H	O-amino acid
CF ₃	OH	Br	O	6-N-acetyl-2-fluoro-8-methyladenine	H	O-amino acid
CF ₃	OH	Br	O	6-N-acetyl-2-amino-8-methyladenine	H	O-amino acid
CF ₃	OH	Br	O	2-N-acetylamino-8-methyladenine	H	O-amino acid
CF ₃	OH	Br	O	2-N-acetylamino-8-methylhypoxanthine	H	O-amino acid
CF ₃	OH	Br	O	6-Methylthymine	H	O-acyl
CF ₃	OH	Br	O	6-Methyluracil	H	O-acyl
CF ₃	OH	Br	O	8-Methylguanine	H	O-acyl
CF ₃	OH	Br	O	6-Methylcytosine	H	O-acyl
CF ₃	OH	Br	O	8-Methyladenine	H	O-acyl
CF ₃	OH	Br	O	8-Methylhypoxanthine	H	O-acyl
CF ₃	OH	Br	O	5-Fluoro-6-Methyluracil	H	O-acyl
CF ₃	OH	Br	O	5-Fluoro-6-Methylcytosine	H	O-acyl
CF ₃	OH	Br	O	2-Fluoro-8-methyladenine	H	O-acyl
CF ₃	OH	Br	O	2-Fluoro-8-methylhypoxanthine	H	O-acyl
CF ₃	OH	Br	O	2-Amino-8-methyladenine	H	O-acyl
CF ₃	OH	Br	O	2-Amino-8-methylhypoxanthine	H	O-acyl
CF ₃	OH	Br	O	2-N-acetyl-8-methylguanine	H	O-acyl
CF ₃	OH	Br	O	4-N-acetyl-8-methylcytosine	H	O-acyl
CF ₃	OH	Br	O	6-N-acetyl-8-methyladenine	H	O-acyl
CF ₃	OH	Br	O	4-N-acetyl-5-fluoro-8-methylcytosine	H	O-acyl
CF ₃	OH	Br	O	6-N-acetyl-2-fluoro-8-methyladenine	H	O-acyl
CF ₃	OH	Br	O	6-N-acetyl-2-amino-8-methyladenine	H	O-acyl
CF ₃	OH	Br	O	2-N-acetylamino-8-methyladenine	H	O-acyl
CF ₃	OH	Br	O	2-N-acetylamino-8-methylhypoxanthine	H	O-acyl
CF ₃	OH	Cl	O	6-Methylthymine	F	O-amino acid
CF ₃	OH	Cl	O	6-Methyluracil	F	O-amino acid
CF ₃	OH	Cl	O	8-Methylguanine	F	O-amino acid
CF ₃	OH	Cl	O	6-Methylcytosine	F	O-amino acid
CF ₃	OH	Cl	O	8-Methyladenine	F	O-amino acid
CF ₃	OH	Cl	O	8-Methylhypoxanthine	F	O-amino acid
CF ₃	OH	Cl	O	5-Fluoro-6-Methyluracil	F	O-amino acid
CF ₃	OH	Cl	O	5-Fluoro-6-Methylcytosine	F	O-amino acid
CF ₃	OH	Cl	O	2-Fluoro-8-methyladenine	F	O-amino acid
CF ₃	OH	Cl	O	2-Fluoro-8-methylhypoxanthine	F	O-amino acid
CF ₃	OH	Cl	O	2-Amino-8-methyladenine	F	O-amino acid
CF ₃	OH	Cl	O	2-Amino-8-methylhypoxanthine	F	O-amino acid

TABLE 6-continued

R ⁶	R ⁷	R ⁸	X	Base	R ¹⁰	R ⁹
CF ₃	OH	Cl	O	2-N-acetyl-8-methylguanine	F	O-amino acid
CF ₃	OH	Cl	O	4-N-acetyl-8-methylcytosine	F	O-amino acid
CF ₃	OH	Cl	O	6-N-acetyl-8-methyladenine	F	O-amino acid
CF ₃	OH	Cl	O	4-N-acetyl-5-fluoro-8-methylcytosine	F	O-amino acid
CF ₃	OH	Cl	O	6-N-acetyl-2-fluoro-8-methyladenine	F	O-amino acid
CF ₃	OH	Cl	O	6-N-acetyl-2-amino-8-methyladenine	F	O-amino acid
CF ₃	OH	Cl	O	2-N-acetylamino-8-methyladenine	F	O-amino acid
CF ₃	OH	Cl	O	2-N-acetylamino-8-methylhypoxanthine	F	O-amino acid
CF ₃	OH	Cl	O	6-Methylthymine	F	O-acyl
CF ₃	OH	Cl	O	6-Methyluracil	F	O-acyl
CF ₃	OH	Cl	O	8-Methylguanine	F	O-acyl
CF ₃	OH	Cl	O	6-Methylcytosine	F	O-acyl
CF ₃	OH	Cl	O	8-Methyladenine	F	O-acyl
CF ₃	OH	Cl	O	8-Methylhypoxanthine	F	O-acyl
CF ₃	OH	Cl	O	5-Fluoro-6-Methyluracil	F	O-acyl
CF ₃	OH	Cl	O	5-Fluoro-6-Methylcytosine	F	O-acyl
CF ₃	OH	Cl	O	2-Fluoro-8-methyladenine	F	O-acyl
CF ₃	OH	Cl	O	2-Fluoro-8-methylhypoxanthine	F	O-acyl
CF ₃	OH	Cl	O	2-Amino-8-methyladenine	F	O-acyl
CF ₃	OH	Cl	O	2-Amino-8-methylhypoxanthine	F	O-acyl
CF ₃	OH	Cl	O	2-N-acetyl-8-methylguanine	F	O-acyl
CF ₃	OH	Cl	O	4-N-acetyl-8-methylcytosine	F	O-acyl
CF ₃	OH	Cl	O	6-N-acetyl-8-methyladenine	F	O-acyl
CF ₃	OH	Cl	O	4-N-acetyl-5-fluoro-8-methylcytosine	F	O-acyl
CF ₃	OH	Cl	O	6-N-acetyl-2-fluoro-8-methyladenine	F	O-acyl
CF ₃	OH	Cl	O	6-N-acetyl-2-amino-8-methyladenine	F	O-acyl
CF ₃	OH	Cl	O	2-N-acetylamino-8-methyladenine	F	O-acyl
CF ₃	OH	Cl	O	2-N-acetylamino-8-methylhypoxanthine	F	O-acyl
CF ₃	OH	Cl	O	6-Methylthymine	Br	O-amino acid
CF ₃	OH	Cl	O	6-Methyluracil	Br	O-amino acid
CF ₃	OH	Cl	O	8-Methylguanine	Br	O-amino acid
CF ₃	OH	Cl	O	6-Methylcytosine	Br	O-amino acid
CF ₃	OH	Cl	O	8-Methyladenine	Br	O-amino acid
CF ₃	OH	Cl	O	8-Methylhypoxanthine	Br	O-amino acid
CF ₃	OH	Cl	O	5-Fluoro-6-Methyluracil	Br	O-amino acid
CF ₃	OH	Cl	O	5-Fluoro-6-Methylcytosine	Br	O-amino acid
CF ₃	OH	Cl	O	2-Fluoro-8-methyladenine	Br	O-amino acid
CF ₃	OH	Cl	O	2-Fluoro-8-methylhypoxanthine	Br	O-amino acid
CF ₃	OH	Cl	O	2-Amino-8-methyladenine	Br	O-amino acid
CF ₃	OH	Cl	O	2-Amino-8-methylhypoxanthine	Br	O-amino acid
CF ₃	OH	Cl	O	2-N-acetyl-8-methylguanine	Br	O-amino acid
CF ₃	OH	Cl	O	4-N-acetyl-8-methylcytosine	Br	O-amino acid
CF ₃	OH	Cl	O	6-N-acetyl-8-methyladenine	Br	O-amino acid
CF ₃	OH	Cl	O	4-N-acetyl-5-fluoro-8-methylcytosine	Br	O-amino acid
CF ₃	OH	Cl	O	6-N-acetyl-2-fluoro-8-methyladenine	Br	O-amino acid
CF ₃	OH	Cl	O	6-N-acetyl-2-amino-8-methyladenine	Br	O-amino acid
CF ₃	OH	Cl	O	2-N-acetylamino-8-methyladenine	Br	O-amino acid
CF ₃	OH	Cl	O	2-N-acetylamino-8-methylhypoxanthine	Br	O-amino acid
CF ₃	OH	Cl	O	6-Methylthymine	Br	O-acyl
CF ₃	OH	Cl	O	6-Methyluracil	Br	O-acyl
CF ₃	OH	Cl	O	8-Methylguanine	Br	O-acyl
CF ₃	OH	Cl	O	6-Methylcytosine	Br	O-acyl
CF ₃	OH	Cl	O	8-Methyladenine	Br	O-acyl
CF ₃	OH	Cl	O	8-Methylhypoxanthine	Br	O-acyl
CF ₃	OH	Cl	O	5-Fluoro-6-Methyluracil	Br	O-acyl
CF ₃	OH	Cl	O	5-Fluoro-6-Methylcytosine	Br	O-acyl
CF ₃	OH	Cl	O	2-Fluoro-8-methyladenine	Br	O-acyl
CF ₃	OH	Cl	O	2-Fluoro-8-methylhypoxanthine	Br	O-acyl
CF ₃	OH	Cl	O	2-Amino-8-methyladenine	Br	O-acyl
CF ₃	OH	Cl	O	2-Amino-8-methylhypoxanthine	Br	O-acyl
CF ₃	OH	Cl	O	2-N-acetyl-8-methylguanine	Br	O-acyl
CF ₃	OH	Cl	O	4-N-acetyl-8-methylcytosine	Br	O-acyl
CF ₃	OH	Cl	O	6-N-acetyl-8-methyladenine	Br	O-acyl
CF ₃	OH	Cl	O	4-N-acetyl-5-fluoro-8-methylcytosine	Br	O-acyl
CF ₃	OH	Cl	O	6-N-acetyl-2-fluoro-8-methyladenine	Br	O-acyl
CF ₃	OH	Cl	O	6-N-acetyl-2-amino-8-methyladenine	Br	O-acyl
CF ₃	OH	Cl	O	2-N-acetylamino-8-methyladenine	Br	O-acyl
CF ₃	OH	Cl	O	2-N-acetylamino-8-methylhypoxanthine	Br	O-acyl
CF ₃	OH	Cl	O	6-Methylthymine	Cl	O-amino acid
CF ₃	OH	Cl	O	6-Methyluracil	Cl	O-amino acid
CF ₃	OH	Cl	O	8-Methylguanine	Cl	O-amino acid
CF ₃	OH	Cl	O	6-Methylcytosine	Cl	O-amino acid
CF ₃	OH	Cl	O	8-Methyladenine	Cl	O-amino acid

TABLE 6-continued

R ⁶	R ⁷	R ⁸	X	Base	R ¹⁰	R ⁹
CF ₃	OH	Cl	O	8-Methylhypoxanthine	Cl	O-amino acid
CF ₃	OH	Cl	O	5-Fluoro-6-Methyluracil	Cl	O-amino acid
CF ₃	OH	Cl	O	5-Fluoro-6-Methylcytosine	Cl	O-amino acid
CF ₃	OH	Cl	O	2-Fluoro-8-methyladenine	Cl	O-amino acid
CF ₃	OH	Cl	O	2-Fluoro-8-methylhypoxanthine	Cl	O-amino acid
CF ₃	OH	Cl	O	2-Amino-8-methyladenine	Cl	O-amino acid
CF ₃	OH	Cl	O	2-Amino-8-methylhypoxanthine	Cl	O-amino acid
CF ₃	OH	Cl	O	2-N-acetyl-8-methylguanine	Cl	O-amino acid
CF ₃	OH	Cl	O	4-N-acetyl-8-methylcytosine	Cl	O-amino acid
CF ₃	OH	Cl	O	6-N-acetyl-8-methyladenine	Cl	O-amino acid
CF ₃	OH	Cl	O	4-N-acetyl-5-fluoro-8-methylcytosine	Cl	O-amino acid
CF ₃	OH	Cl	O	6-N-acetyl-2-fluoro-8-methyladenine	Cl	O-amino acid
CF ₃	OH	Cl	O	6-N-acetyl-2-amino-8-methyladenine	Cl	O-amino acid
CF ₃	OH	Cl	O	2-N-acetylamino-8-methyladenine	Cl	O-amino acid
CF ₃	OH	Cl	O	2-N-acetylamino-8-methylhypoxanthine	Cl	O-amino acid
CF ₃	OH	Cl	O	6-Methylthymine	Cl	O-acyl
CF ₃	OH	Cl	O	6-Methyluracil	Cl	O-acyl
CF ₃	OH	Cl	O	8-Methylguanine	Cl	O-acyl
CF ₃	OH	Cl	O	6-Methylcytosine	Cl	O-acyl
CF ₃	OH	Cl	O	8-Methyladenine	Cl	O-acyl
CF ₃	OH	Cl	O	8-Methylhypoxanthine	Cl	O-acyl
CF ₃	OH	Cl	O	5-Fluoro-6-Methyluracil	Cl	O-acyl
CF ₃	OH	Cl	O	5-Fluoro-6-Methylcytosine	Cl	O-acyl
CF ₃	OH	Cl	O	2-Fluoro-8-methyladenine	Cl	O-acyl
CF ₃	OH	Cl	O	2-Fluoro-8-methylhypoxanthine	Cl	O-acyl
CF ₃	OH	Cl	O	2-Amino-8-methyladenine	Cl	O-acyl
CF ₃	OH	Cl	O	2-Amino-8-methylhypoxanthine	Cl	O-acyl
CF ₃	OH	Cl	O	2-N-acetyl-8-methylguanine	Cl	O-acyl
CF ₃	OH	Cl	O	4-N-acetyl-8-methylcytosine	Cl	O-acyl
CF ₃	OH	Cl	O	6-N-acetyl-8-methyladenine	Cl	O-acyl
CF ₃	OH	Cl	O	4-N-acetyl-5-fluoro-8-methylcytosine	Cl	O-acyl
CF ₃	OH	Cl	O	6-N-acetyl-2-fluoro-8-methyladenine	Cl	O-acyl
CF ₃	OH	Cl	O	6-N-acetyl-2-amino-8-methyladenine	Cl	O-acyl
CF ₃	OH	Cl	O	2-N-acetylamino-8-methyladenine	Cl	O-acyl
CF ₃	OH	Cl	O	2-N-acetylamino-8-methylhypoxanthine	Cl	O-acyl
CF ₃	OH	Cl	O	6-Methylthymine	H	O-amino acid
CF ₃	OH	Cl	O	6-Methyluracil	H	O-amino acid
CF ₃	OH	Cl	O	8-Methylguanine	H	O-amino acid
CF ₃	OH	Cl	O	6-Methylcytosine	H	O-amino acid
CF ₃	OH	Cl	O	8-Methyladenine	H	O-amino acid
CF ₃	OH	Cl	O	8-Methylhypoxanthine	H	O-amino acid
CF ₃	OH	Cl	O	5-Fluoro-6-Methyluracil	H	O-amino acid
CF ₃	OH	Cl	O	5-Fluoro-6-Methylcytosine	H	O-amino acid
CF ₃	OH	Cl	O	2-Fluoro-8-methyladenine	H	O-amino acid
CF ₃	OH	Cl	O	2-Fluoro-8-methylhypoxanthine	H	O-amino acid
CF ₃	OH	Cl	O	2-Amino-8-methyladenine	H	O-amino acid
CF ₃	OH	Cl	O	2-Amino-8-methylhypoxanthine	H	O-amino acid
CF ₃	OH	Cl	O	2-N-acetyl-8-methylguanine	H	O-amino acid
CF ₃	OH	Cl	O	4-N-acetyl-8-methylcytosine	H	O-amino acid
CF ₃	OH	Cl	O	6-N-acetyl-8-methyladenine	H	O-amino acid
CF ₃	OH	Cl	O	4-N-acetyl-5-fluoro-8-methylcytosine	H	O-amino acid
CF ₃	OH	Cl	O	6-N-acetyl-2-fluoro-8-methyladenine	H	O-amino acid
CF ₃	OH	Cl	O	6-N-acetyl-2-amino-8-methyladenine	H	O-amino acid
CF ₃	OH	Cl	O	2-N-acetylamino-8-methyladenine	H	O-amino acid
CF ₃	OH	Cl	O	2-N-acetylamino-8-methylhypoxanthine	H	O-amino acid
CF ₃	OH	Cl	O	6-Methylthymine	H	O-acyl
CF ₃	OH	Cl	O	6-Methyluracil	H	O-acyl
CF ₃	OH	Cl	O	8-Methylguanine	H	O-acyl
CF ₃	OH	Cl	O	6-Methylcytosine	H	O-acyl
CF ₃	OH	Cl	O	8-Methyladenine	H	O-acyl
CF ₃	OH	Cl	O	8-Methylhypoxanthine	H	O-acyl
CF ₃	OH	Cl	O	5-Fluoro-6-Methyluracil	H	O-acyl
CF ₃	OH	Cl	O	5-Fluoro-6-Methylcytosine	H	O-acyl
CF ₃	OH	Cl	O	2-Fluoro-8-methyladenine	H	O-acyl
CF ₃	OH	Cl	O	2-Fluoro-8-methylhypoxanthine	H	O-acyl
CF ₃	OH	Cl	O	2-Amino-8-methyladenine	H	O-acyl
CF ₃	OH	Cl	O	2-Amino-8-methylhypoxanthine	H	O-acyl
CF ₃	OH	Cl	O	2-N-acetyl-8-methylguanine	H	O-acyl
CF ₃	OH	Cl	O	4-N-acetyl-8-methylcytosine	H	O-acyl
CF ₃	OH	Cl	O	6-N-acetyl-8-methyladenine	H	O-acyl
CF ₃	OH	Cl	O	4-N-acetyl-5-fluoro-8-methylcytosine	H	O-acyl
CF ₃	OH	Cl	O	6-N-acetyl-2-fluoro-8-methyladenine	H	O-acyl
CF ₃	OH	Cl	O	6-N-acetyl-2-amino-8-methyladenine	H	O-acyl
CF ₃	OH	Cl	O	2-N-acetylamino-8-methyladenine	H	O-acyl
CF ₃	OH	Cl	O	2-N-acetylamino-8-methylhypoxanthine	H	O-acyl

TABLE 6-continued

R ⁶	R ⁷	R ⁸	X	Base	R ¹⁰	R ⁹
CF ₃	OH	Cl	O	2-N-acetylamino-8-methylhypoxanthine	H	O-acyl
CF ₃	OH	H	O	6-Methylthymine	F	O-amino acid
CF ₃	OH	H	O	6-Methyluracil	F	O-amino acid
CF ₃	OH	H	O	8-Methylguanine	F	O-amino acid
CF ₃	OH	H	O	6-Methylcytosine	F	O-amino acid
CF ₃	OH	H	O	8-Methyladenine	F	O-amino acid
CF ₃	OH	H	O	8-Methylhypoxanthine	F	O-amino acid
CF ₃	OH	H	O	5-Fluoro-6-Methyluracil	F	O-amino acid
CF ₃	OH	H	O	5-Fluoro-6-Methylcytosine	F	O-amino acid
CF ₃	OH	H	O	2-Fluoro-8-methyladenine	F	O-amino acid
CF ₃	OH	H	O	2-Fluoro-8-methylhypoxanthine	F	O-amino acid
CF ₃	OH	H	O	2-Amino-8-methyladenine	F	O-amino acid
CF ₃	OH	H	O	2-Amino-8-methylhypoxanthine	F	O-amino acid
CF ₃	OH	H	O	2-N-acetyl-8-methylguanine	F	O-amino acid
CF ₃	OH	H	O	4-N-acetyl-8-methylcytosine	F	O-amino acid
CF ₃	OH	H	O	6-N-acetyl-8-methyladenine	F	O-amino acid
CF ₃	OH	H	O	4-N-acetyl-5-fluoro-8-methylcytosine	F	O-amino acid
CF ₃	OH	H	O	6-N-acetyl-2-fluoro-8-methyladenine	F	O-amino acid
CF ₃	OH	H	O	6-N-acetyl-2-amino-8-methyladenine	F	O-amino acid
CF ₃	OH	H	O	2-N-acetylamino-8-methyladenine	F	O-amino acid
CF ₃	OH	H	O	2-N-acetylamino-8-methylhypoxanthine	F	O-amino acid
CF ₃	OH	H	O	6-Methylthymine	F	O-acyl
CF ₃	OH	H	O	6-Methyluracil	F	O-acyl
CF ₃	OH	H	O	8-Methylguanine	F	O-acyl
CF ₃	OH	H	O	6-Methylcytosine	F	O-acyl
CF ₃	OH	H	O	8-Methyladenine	F	O-acyl
CF ₃	OH	H	O	8-Methylhypoxanthine	F	O-acyl
CF ₃	OH	H	O	5-Fluoro-6-Methyluracil	F	O-acyl
CF ₃	OH	H	O	5-Fluoro-6-Methylcytosine	F	O-acyl
CF ₃	OH	H	O	2-Fluoro-8-methyladenine	F	O-acyl
CF ₃	OH	H	O	2-Fluoro-8-methylhypoxanthine	F	O-acyl
CF ₃	OH	H	O	2-Amino-8-methyladenine	F	O-acyl
CF ₃	OH	H	O	2-Amino-8-methylhypoxanthine	F	O-acyl
CF ₃	OH	H	O	2-N-acetyl-8-methylguanine	F	O-acyl
CF ₃	OH	H	O	4-N-acetyl-8-methylcytosine	F	O-acyl
CF ₃	OH	H	O	6-N-acetyl-8-methyladenine	F	O-acyl
CF ₃	OH	H	O	4-N-acetyl-5-fluoro-8-methylcytosine	F	O-acyl
CF ₃	OH	H	O	6-N-acetyl-2-fluoro-8-methyladenine	F	O-acyl
CF ₃	OH	H	O	6-N-acetyl-2-amino-8-methyladenine	F	O-acyl
CF ₃	OH	H	O	2-N-acetylamino-8-methyladenine	F	O-acyl
CF ₃	OH	H	O	2-N-acetylamino-8-methylhypoxanthine	F	O-acyl
CF ₃	OH	H	O	6-Methylthymine	Br	O-amino acid
CF ₃	OH	H	O	6-Methyluracil	Br	O-amino acid
CF ₃	OH	H	O	8-Methylguanine	Br	O-amino acid
CF ₃	OH	H	O	6-Methylcytosine	Br	O-amino acid
CF ₃	OH	H	O	8-Methyladenine	Br	O-amino acid
CF ₃	OH	H	O	8-Methylhypoxanthine	Br	O-amino acid
CF ₃	OH	H	O	5-Fluoro-6-Methyluracil	Br	O-amino acid
CF ₃	OH	H	O	5-Fluoro-6-Methylcytosine	Br	O-amino acid
CF ₃	OH	H	O	2-Fluoro-8-methyladenine	Br	O-amino acid
CF ₃	OH	H	O	2-Fluoro-8-methylhypoxanthine	Br	O-amino acid
CF ₃	OH	H	O	2-Amino-8-methyladenine	Br	O-amino acid
CF ₃	OH	H	O	2-Amino-8-methylhypoxanthine	Br	O-amino acid
CF ₃	OH	H	O	2-N-acetyl-8-methylguanine	Br	O-amino acid
CF ₃	OH	H	O	4-N-acetyl-8-methylcytosine	Br	O-amino acid
CF ₃	OH	H	O	6-N-acetyl-8-methyladenine	Br	O-amino acid
CF ₃	OH	H	O	4-N-acetyl-5-fluoro-8-methylcytosine	Br	O-amino acid
CF ₃	OH	H	O	6-N-acetyl-2-fluoro-8-methyladenine	Br	O-amino acid
CF ₃	OH	H	O	6-N-acetyl-2-amino-8-methyladenine	Br	O-amino acid
CF ₃	OH	H	O	2-N-acetylamino-8-methyladenine	Br	O-amino acid
CF ₃	OH	H	O	2-N-acetylamino-8-methylhypoxanthine	Br	O-amino acid
CF ₃	OH	H	O	6-Methylthymine	Br	O-acyl
CF ₃	OH	H	O	6-Methyluracil	Br	O-acyl
CF ₃	OH	H	O	8-Methylguanine	Br	O-acyl
CF ₃	OH	H	O	6-Methylcytosine	Br	O-acyl
CF ₃	OH	H	O	8-Methyladenine	Br	O-acyl
CF ₃	OH	H	O	8-Methylhypoxanthine	Br	O-acyl
CF ₃	OH	H	O	5-Fluoro-6-Methyluracil	Br	O-acyl
CF ₃	OH	H	O	5-Fluoro-6-Methylcytosine	Br	O-acyl
CF ₃	OH	H	O	2-Fluoro-8-methyladenine	Br	O-acyl
CF ₃	OH	H	O	2-Fluoro-8-methylhypoxanthine	Br	O-acyl
CF ₃	OH	H	O	2-Amino-8-methyladenine	Br	O-acyl
CF ₃	OH	H	O	2-Amino-8-methylhypoxanthine	Br	O-acyl

TABLE 6-continued

R ⁶	R ⁷	R ⁸	X	Base	R ¹⁰	R ⁹
CF ₃	OH	H	O	2-N-acetyl-8-methylguanine	Br	O-acyl
CF ₃	OH	H	O	4-N-acetyl-8-methylcytosine	Br	O-acyl
CF ₃	OH	H	O	6-N-acetyl-8-methyladenine	Br	O-acyl
CF ₃	OH	H	O	4-N-acetyl-5-fluoro-8-methylcytosine	Br	O-acyl
CF ₃	OH	H	O	6-N-acetyl-2-fluoro-8-methyladenine	Br	O-acyl
CF ₃	OH	H	O	6-N-acetyl-2-amino-8-methyladenine	Br	O-acyl
CF ₃	OH	H	O	2-N-acetylamino-8-methyladenine	Br	O-acyl
CF ₃	OH	H	O	2-N-acetylamino-8-methylhypoxanthine	Br	O-acyl
CF ₃	OH	H	O	6-Methylthymine	Cl	O-amino acid
CF ₃	OH	H	O	6-Methyluracil	Cl	O-amino acid
CF ₃	OH	H	O	8-Methylguanine	Cl	O-amino acid
CF ₃	OH	H	O	6-Methylcytosine	Cl	O-amino acid
CF ₃	OH	H	O	8-Methyladenine	Cl	O-amino acid
CF ₃	OH	H	O	8-Methylhypoxanthine	Cl	O-amino acid
CF ₃	OH	H	O	5-Fluoro-6-Methyluracil	Cl	O-amino acid
CF ₃	OH	H	O	5-Fluoro-6-Methylcytosine	Cl	O-amino acid
CF ₃	OH	H	O	2-Fluoro-8-methyladenine	Cl	O-amino acid
CF ₃	OH	H	O	2-Fluoro-8-methylhypoxanthine	Cl	O-amino acid
CF ₃	OH	H	O	2-Amino-8-methyladenine	Cl	O-amino acid
CF ₃	OH	H	O	2-Amino-8-methylhypoxanthine	Cl	O-amino acid
CF ₃	OH	H	O	2-N-acetyl-8-methylguanine	Cl	O-amino acid
CF ₃	OH	H	O	4-N-acetyl-8-methylcytosine	Cl	O-amino acid
CF ₃	OH	H	O	6-N-acetyl-8-methyladenine	Cl	O-amino acid
CF ₃	OH	H	O	4-N-acetyl-5-fluoro-8-methylcytosine	Cl	O-amino acid
CF ₃	OH	H	O	6-N-acetyl-2-fluoro-8-methyladenine	Cl	O-amino acid
CF ₃	OH	H	O	6-N-acetyl-2-amino-8-methyladenine	Cl	O-amino acid
CF ₃	OH	H	O	2-N-acetylamino-8-methyladenine	Cl	O-amino acid
CF ₃	OH	H	O	2-N-acetylamino-8-methylhypoxanthine	Cl	O-amino acid
CF ₃	OH	H	O	6-Methylthymine	Cl	O-acyl
CF ₃	OH	H	O	6-Methyluracil	Cl	O-acyl
CF ₃	OH	H	O	8-Methylguanine	Cl	O-acyl
CF ₃	OH	H	O	6-Methylcytosine	Cl	O-acyl
CF ₃	OH	H	O	8-Methyladenine	Cl	O-acyl
CF ₃	OH	H	O	8-Methylhypoxanthine	Cl	O-acyl
CF ₃	OH	H	O	5-Fluoro-6-Methyluracil	Cl	O-acyl
CF ₃	OH	H	O	5-Fluoro-6-Methylcytosine	Cl	O-acyl
CF ₃	OH	H	O	2-Fluoro-8-methyladenine	Cl	O-acyl
CF ₃	OH	H	O	2-Fluoro-8-methylhypoxanthine	Cl	O-acyl
CF ₃	OH	H	O	2-Amino-8-methyladenine	Cl	O-acyl
CF ₃	OH	H	O	2-Amino-8-methylhypoxanthine	Cl	O-acyl
CF ₃	OH	H	O	2-N-acetyl-8-methylguanine	Cl	O-acyl
CF ₃	OH	H	O	4-N-acetyl-8-methylcytosine	Cl	O-acyl
CF ₃	OH	H	O	6-N-acetyl-8-methyladenine	Cl	O-acyl
CF ₃	OH	H	O	4-N-acetyl-5-fluoro-8-methylcytosine	Cl	O-acyl
CF ₃	OH	H	O	6-N-acetyl-2-fluoro-8-methyladenine	Cl	O-acyl
CF ₃	OH	H	O	6-N-acetyl-2-amino-8-methyladenine	Cl	O-acyl
CF ₃	OH	H	O	2-N-acetylamino-8-methyladenine	Cl	O-acyl
CF ₃	OH	H	O	2-N-acetylamino-8-methylhypoxanthine	Cl	O-acyl
CF ₃	OH	H	O	6-Methylthymine	I	O-amino acid
CF ₃	OH	H	O	6-Methyluracil	I	O-amino acid
CF ₃	OH	H	O	8-Methylguanine	I	O-amino acid
CF ₃	OH	H	O	6-Methylcytosine	I	O-amino acid
CF ₃	OH	H	O	8-Methyladenine	I	O-amino acid
CF ₃	OH	H	O	8-Methylhypoxanthine	I	O-amino acid
CF ₃	OH	H	O	5-Fluoro-6-Methyluracil	I	O-amino acid
CF ₃	OH	H	O	5-Fluoro-6-Methylcytosine	I	O-amino acid
CF ₃	OH	H	O	2-Fluoro-8-methyladenine	I	O-amino acid
CF ₃	OH	H	O	2-Fluoro-8-methylhypoxanthine	I	O-amino acid
CF ₃	OH	H	O	2-Amino-8-methyladenine	I	O-amino acid
CF ₃	OH	H	O	2-Amino-8-methylhypoxanthine	I	O-amino acid
CF ₃	OH	H	O	2-N-acetyl-8-methylguanine	I	O-amino acid
CF ₃	OH	H	O	4-N-acetyl-8-methylcytosine	I	O-amino acid
CF ₃	OH	H	O	6-N-acetyl-8-methyladenine	I	O-amino acid
CF ₃	OH	H	O	4-N-acetyl-5-fluoro-8-methylcytosine	I	O-amino acid
CF ₃	OH	H	O	6-N-acetyl-2-fluoro-8-methyladenine	I	O-amino acid
CF ₃	OH	H	O	6-N-acetyl-2-amino-8-methyladenine	I	O-amino acid
CF ₃	OH	H	O	2-N-acetylamino-8-methyladenine	I	O-amino acid
CF ₃	OH	H	O	2-N-acetylamino-8-methylhypoxanthine	I	O-amino acid
CF ₃	OH	H	O	6-Methylthymine	I	O-acyl
CF ₃	OH	H	O	6-Methyluracil	I	O-acyl
CF ₃	OH	H	O	8-Methylguanine	I	O-acyl
CF ₃	OH	H	O	6-Methylcytosine	I	O-acyl
CF ₃	OH	H	O	8-Methyladenine	I	O-acyl

TABLE 6-continued

R ⁶	R ⁷	R ⁸	X	Base	R ¹⁰	R ⁹
CF ₃	OH	H	O	8-Methylhypoxanthine	I	O-acyl
CF ₃	OH	H	O	5-Fluoro-6-Methyluracil	I	O-acyl
CF ₃	OH	H	O	5-Fluoro-6-Methylcytosine	I	O-acyl
CF ₃	OH	H	O	2-Fluoro-8-methyladenine	I	O-acyl
CF ₃	OH	H	O	2-Fluoro-8-methylhypoxanthine	I	O-acyl
CF ₃	OH	H	O	2-Amino-8-methyladenine	I	O-acyl
CF ₃	OH	H	O	2-Amino-8-methylhypoxanthine	I	O-acyl
CF ₃	OH	H	O	2-N-acetyl-8-methylguanine	I	O-acyl
CF ₃	OH	H	O	4-N-acetyl-8-methylcytosine	I	O-acyl
CF ₃	OH	H	O	6-N-acetyl-8-methyladenine	I	O-acyl
CF ₃	OH	H	O	4-N-acetyl-5-fluoro-8-methylcytosine	I	O-acyl
CF ₃	OH	H	O	6-N-acetyl-2-fluoro-8-methyladenine	I	O-acyl
CF ₃	OH	H	O	6-N-acetyl-2-amino-8-methyladenine	I	O-acyl
CF ₃	OH	H	O	2-N-acetylamino-8-methyladenine	I	O-acyl
CF ₃	OH	H	O	2-N-acetylamino-8-methylhypoxanthine	I	O-acyl
CF ₃	OH	H	O	6-Methylthymine	H	O-amino acid
CF ₃	OH	H	O	6-Methyluracil	H	O-amino acid
CF ₃	OH	H	O	8-Methylguanine	H	O-amino acid
CF ₃	OH	H	O	6-Methylcytosine	H	O-amino acid
CF ₃	OH	H	O	8-Methyladenine	H	O-amino acid
CF ₃	OH	H	O	8-Methylhypoxanthine	H	O-amino acid
CF ₃	OH	H	O	5-Fluoro-6-Methyluracil	H	O-amino acid
CF ₃	OH	H	O	5-Fluoro-6-Methylcytosine	H	O-amino acid
CF ₃	OH	H	O	2-Fluoro-8-methyladenine	H	O-amino acid
CF ₃	OH	H	O	2-Fluoro-8-methylhypoxanthine	H	O-amino acid
CF ₃	OH	H	O	2-Amino-8-methyladenine	H	O-amino acid
CF ₃	OH	H	O	2-Amino-8-methylhypoxanthine	H	O-amino acid
CF ₃	OH	H	O	2-N-acetyl-8-methylguanine	H	O-amino acid
CF ₃	OH	H	O	4-N-acetyl-8-methylcytosine	H	O-amino acid
CF ₃	OH	H	O	6-N-acetyl-8-methyladenine	H	O-amino acid
CF ₃	OH	H	O	4-N-acetyl-5-fluoro-8-methylcytosine	H	O-amino acid
CF ₃	OH	H	O	6-N-acetyl-2-fluoro-8-methyladenine	H	O-amino acid
CF ₃	OH	H	O	6-N-acetyl-2-amino-8-methyladenine	H	O-amino acid
CF ₃	OH	H	O	2-N-acetylamino-8-methyladenine	H	O-amino acid
CF ₃	OH	H	O	2-N-acetylamino-8-methylhypoxanthine	H	O-amino acid
CF ₃	OH	H	O	6-Methylthymine	H	O-acyl
CF ₃	OH	H	O	6-Methyluracil	H	O-acyl
CF ₃	OH	H	O	8-Methylguanine	H	O-acyl
CF ₃	OH	H	O	6-Methylcytosine	H	O-acyl
CF ₃	OH	H	O	8-Methyladenine	H	O-acyl
CF ₃	OH	H	O	8-Methylhypoxanthine	H	O-acyl
CF ₃	OH	H	O	5-Fluoro-6-Methyluracil	H	O-acyl
CF ₃	OH	H	O	5-Fluoro-6-Methylcytosine	H	O-acyl
CF ₃	OH	H	O	2-Fluoro-8-methyladenine	H	O-acyl
CF ₃	OH	H	O	2-Fluoro-8-methylhypoxanthine	H	O-acyl
CF ₃	OH	H	O	2-Amino-8-methyladenine	H	O-acyl
CF ₃	OH	H	O	2-Amino-8-methylhypoxanthine	H	O-acyl
CF ₃	OH	H	O	2-N-acetyl-8-methylguanine	H	O-acyl
CF ₃	OH	H	O	4-N-acetyl-8-methylcytosine	H	O-acyl
CF ₃	OH	H	O	6-N-acetyl-8-methyladenine	H	O-acyl
CF ₃	OH	H	O	4-N-acetyl-5-fluoro-8-methylcytosine	H	O-acyl
CF ₃	OH	H	O	6-N-acetyl-2-fluoro-8-methyladenine	H	O-acyl
CF ₃	OH	H	O	6-N-acetyl-2-amino-8-methyladenine	H	O-acyl
CF ₃	OH	H	O	2-N-acetylamino-8-methyladenine	H	O-acyl
CF ₃	OH	H	O	2-N-acetylamino-8-methylhypoxanthine	H	O-acyl
CF ₃	H	F	O	6-Methylthymine	F	O-amino acid
CF ₃	H	F	O	6-Methyluracil	F	O-amino acid
CF ₃	H	F	O	8-Methylguanine	F	O-amino acid
CF ₃	H	F	O	6-Methylcytosine	F	O-amino acid
CF ₃	H	F	O	8-Methyladenine	F	O-amino acid
CF ₃	H	F	O	8-Methylhypoxanthine	F	O-amino acid
CF ₃	H	F	O	5-Fluoro-6-Methyluracil	F	O-amino acid
CF ₃	H	F	O	5-Fluoro-6-Methylcytosine	F	O-amino acid
CF ₃	H	F	O	2-Fluoro-8-methyladenine	F	O-amino acid
CF ₃	H	F	O	2-Fluoro-8-methylhypoxanthine	F	O-amino acid
CF ₃	H	F	O	2-Amino-8-methyladenine	F	O-amino acid
CF ₃	H	F	O	2-Amino-8-methylhypoxanthine	F	O-amino acid
CF ₃	H	F	O	2-N-acetyl-8-methylguanine	F	O-amino acid
CF ₃	H	F	O	4-N-acetyl-8-methylcytosine	F	O-amino acid
CF ₃	H	F	O	6-N-acetyl-8-methyladenine	F	O-amino acid
CF ₃	H	F	O	4-N-acetyl-5-fluoro-8-methylcytosine	F	O-amino acid
CF ₃	H	F	O	6-N-acetyl-2-fluoro-8-methyladenine	F	O-amino acid
CF ₃	H	F	O	6-N-acetyl-2-amino-8-methyladenine	F	O-amino acid
CF ₃	H	F	O	2-N-acetylamino-8-methyladenine	F	O-amino acid

TABLE 6-continued

R ⁶	R ⁷	R ⁸	X	Base	R ¹⁰	R ⁹
CF ₃	H	F	O	2-N-acetylamino-8-methylhypoxanthine	F	O-amino acid
CF ₃	H	F	O	6-Methylthymine	F	O-acyl
CF ₃	H	F	O	6-Methyluracil	F	O-acyl
CF ₃	H	F	O	8-Methylguanine	F	O-acyl
CF ₃	H	F	O	6-Methylcytosine	F	O-acyl
CF ₃	H	F	O	8-Methyladenine	F	O-acyl
CF ₃	H	F	O	8-Methylhypoxanthine	F	O-acyl
CF ₃	H	F	O	5-Fluoro-6-Methyluracil	F	O-acyl
CF ₃	H	F	O	5-Fluoro-6-Methylcytosine	F	O-acyl
CF ₃	H	F	O	2-Fluoro-8-methyladenine	F	O-acyl
CF ₃	H	F	O	2-Fluoro-8-methylhypoxanthine	F	O-acyl
CF ₃	H	F	O	2-Amino-8-methyladenine	F	O-acyl
CF ₃	H	F	O	2-Amino-8-methylhypoxanthine	F	O-acyl
CF ₃	H	F	O	2-N-acetyl-8-methylguanine	F	O-acyl
CF ₃	H	F	O	4-N-acetyl-8-methylcytosine	F	O-acyl
CF ₃	H	F	O	6-N-acetyl-8-methyladenine	F	O-acyl
CF ₃	H	F	O	4-N-acetyl-5-fluoro-8-methylcytosine	F	O-acyl
CF ₃	H	F	O	6-N-acetyl-2-fluoro-8-methyladenine	F	O-acyl
CF ₃	H	F	O	6-N-acetyl-2-amino-8-methyladenine	F	O-acyl
CF ₃	H	F	O	2-N-acetylamino-8-methyladenine	F	O-acyl
CF ₃	H	F	O	2-N-acetylamino-8-methylhypoxanthine	F	O-acyl
CF ₃	H	F	O	6-Methylthymine	Br	O-amino acid
CF ₃	H	F	O	6-Methyluracil	Br	O-amino acid
CF ₃	H	F	O	8-Methylguanine	Br	O-amino acid
CF ₃	H	F	O	6-Methylcytosine	Br	O-amino acid
CF ₃	H	F	O	8-Methyladenine	Br	O-amino acid
CF ₃	H	F	O	8-Methylhypoxanthine	Br	O-amino acid
CF ₃	H	F	O	5-Fluoro-6-Methyluracil	Br	O-amino acid
CF ₃	H	F	O	5-Fluoro-6-Methylcytosine	Br	O-amino acid
CF ₃	H	F	O	2-Fluoro-8-methyladenine	Br	O-amino acid
CF ₃	H	F	O	2-Fluoro-8-methylhypoxanthine	Br	O-amino acid
CF ₃	H	F	O	2-Amino-8-methyladenine	Br	O-amino acid
CF ₃	H	F	O	2-Amino-8-methylhypoxanthine	Br	O-amino acid
CF ₃	H	F	O	2-N-acetyl-8-methylguanine	Br	O-amino acid
CF ₃	H	F	O	4-N-acetyl-8-methylcytosine	Br	O-amino acid
CF ₃	H	F	O	6-N-acetyl-8-methyladenine	Br	O-amino acid
CF ₃	H	F	O	4-N-acetyl-5-fluoro-8-methylcytosine	Br	O-amino acid
CF ₃	H	F	O	6-N-acetyl-2-fluoro-8-methyladenine	Br	O-amino acid
CF ₃	H	F	O	6-N-acetyl-2-amino-8-methyladenine	Br	O-amino acid
CF ₃	H	F	O	2-N-acetylamino-8-methyladenine	Br	O-amino acid
CF ₃	H	F	O	2-N-acetylamino-8-methylhypoxanthine	Br	O-amino acid
CF ₃	H	F	O	6-Methylthymine	Br	O-acyl
CF ₃	H	F	O	6-Methyluracil	Br	O-acyl
CF ₃	H	F	O	8-Methylguanine	Br	O-acyl
CF ₃	H	F	O	6-Methylcytosine	Br	O-acyl
CF ₃	H	F	O	8-Methyladenine	Br	O-acyl
CF ₃	H	F	O	8-Methylhypoxanthine	Br	O-acyl
CF ₃	H	F	O	5-Fluoro-6-Methyluracil	Br	O-acyl
CF ₃	H	F	O	5-Fluoro-6-Methylcytosine	Br	O-acyl
CF ₃	H	F	O	2-Fluoro-8-methyladenine	Br	O-acyl
CF ₃	H	F	O	2-Fluoro-8-methylhypoxanthine	Br	O-acyl
CF ₃	H	F	O	2-Amino-8-methyladenine	Br	O-acyl
CF ₃	H	F	O	2-Amino-8-methylhypoxanthine	Br	O-acyl
CF ₃	H	F	O	2-N-acetyl-8-methylguanine	Br	O-acyl
CF ₃	H	F	O	4-N-acetyl-8-methylcytosine	Br	O-acyl
CF ₃	H	F	O	6-N-acetyl-8-methyladenine	Br	O-acyl
CF ₃	H	F	O	4-N-acetyl-5-fluoro-8-methylcytosine	Br	O-acyl
CF ₃	H	F	O	6-N-acetyl-2-fluoro-8-methyladenine	Br	O-acyl
CF ₃	H	F	O	6-N-acetyl-2-amino-8-methyladenine	Br	O-acyl
CF ₃	H	F	O	2-N-acetylamino-8-methyladenine	Br	O-acyl
CF ₃	H	F	O	2-N-acetylamino-8-methylhypoxanthine	Br	O-acyl
CF ₃	H	F	O	6-Methylthymine	Cl	O-amino acid
CF ₃	H	F	O	6-Methyluracil	Cl	O-amino acid
CF ₃	H	F	O	8-Methylguanine	Cl	O-amino acid
CF ₃	H	F	O	6-Methylcytosine	Cl	O-amino acid
CF ₃	H	F	O	8-Methyladenine	Cl	O-amino acid
CF ₃	H	F	O	8-Methylhypoxanthine	Cl	O-amino acid
CF ₃	H	F	O	5-Fluoro-6-Methyluracil	Cl	O-amino acid
CF ₃	H	F	O	5-Fluoro-6-Methylcytosine	Cl	O-amino acid
CF ₃	H	F	O	2-Fluoro-8-methyladenine	Cl	O-amino acid
CF ₃	H	F	O	2-Fluoro-8-methylhypoxanthine	Cl	O-amino acid
CF ₃	H	F	O	2-Amino-8-methyladenine	Cl	O-amino acid
CF ₃	H	F	O	2-Amino-8-methylhypoxanthine	Cl	O-amino acid
CF ₃	H	F	O	2-N-acetyl-8-methylguanine	Cl	O-amino acid

TABLE 6-continued

R ⁶	R ⁷	R ⁸	X	Base	R ¹⁰	R ⁹
CF ₃	H	F	O	4-N-acetyl-8-methylcytosine	Cl	O-amino acid
CF ₃	H	F	O	6-N-acetyl-8-methyladenine	Cl	O-amino acid
CF ₃	H	F	O	4-N-acetyl-5-fluoro-8-methylcytosine	Cl	O-amino acid
CF ₃	H	F	O	6-N-acetyl-2-fluoro-8-methyladenine	Cl	O-amino acid
CF ₃	H	F	O	6-N-acetyl-2-amino-8-methyladenine	Cl	O-amino acid
CF ₃	H	F	O	2-N-acetylamino-8-methyladenine	Cl	O-amino acid
CF ₃	H	F	O	2-N-acetylamino-8-methylhypoxanthine	Cl	O-amino acid
CF ₃	H	F	O	6-Methylthymine	Cl	O-acyl
CF ₃	H	F	O	6-Methyluracil	Cl	O-acyl
CF ₃	H	F	O	8-Methylguanine	Cl	O-acyl
CF ₃	H	F	O	6-Methylcytosine	Cl	O-acyl
CF ₃	H	F	O	8-Methyladenine	Cl	O-acyl
CF ₃	H	F	O	8-Methylhypoxanthine	Cl	O-acyl
CF ₃	H	F	O	5-Fluoro-6-Methyluracil	Cl	O-acyl
CF ₃	H	F	O	5-Fluoro-6-Methylcytosine	Cl	O-acyl
CF ₃	H	F	O	2-Fluoro-8-methyladenine	Cl	O-acyl
CF ₃	H	F	O	2-Fluoro-8-methylhypoxanthine	Cl	O-acyl
CF ₃	H	F	O	2-Amino-8-methyladenine	Cl	O-acyl
CF ₃	H	F	O	2-Amino-8-methylhypoxanthine	Cl	O-acyl
CF ₃	H	F	O	2-N-acetyl-8-methylguanine	Cl	O-acyl
CF ₃	H	F	O	4-N-acetyl-8-methylcytosine	Cl	O-acyl
CF ₃	H	F	O	6-N-acetyl-8-methyladenine	Cl	O-acyl
CF ₃	H	F	O	4-N-acetyl-5-fluoro-8-methylcytosine	Cl	O-acyl
CF ₃	H	F	O	6-N-acetyl-2-fluoro-8-methyladenine	Cl	O-acyl
CF ₃	H	F	O	6-N-acetyl-2-amino-8-methyladenine	Cl	O-acyl
CF ₃	H	F	O	2-N-acetylamino-8-methyladenine	Cl	O-acyl
CF ₃	H	F	O	2-N-acetylamino-8-methylhypoxanthine	Cl	O-acyl
CF ₃	H	F	O	6-Methylthymine	H	O-amino acid
CF ₃	H	F	O	6-Methyluracil	H	O-amino acid
CF ₃	H	F	O	8-Methylguanine	H	O-amino acid
CF ₃	H	F	O	6-Methylcytosine	H	O-amino acid
CF ₃	H	F	O	8-Methyladenine	H	O-amino acid
CF ₃	H	F	O	8-Methylhypoxanthine	H	O-amino acid
CF ₃	H	F	O	5-Fluoro-6-Methyluracil	H	O-amino acid
CF ₃	H	F	O	5-Fluoro-6-Methylcytosine	H	O-amino acid
CF ₃	H	F	O	2-Fluoro-8-methyladenine	H	O-amino acid
CF ₃	H	F	O	2-Fluoro-8-methylhypoxanthine	H	O-amino acid
CF ₃	H	F	O	2-Amino-8-methyladenine	H	O-amino acid
CF ₃	H	F	O	2-Amino-8-methylhypoxanthine	H	O-amino acid
CF ₃	H	F	O	2-N-acetyl-8-methylguanine	H	O-amino acid
CF ₃	H	F	O	4-N-acetyl-8-methylcytosine	H	O-amino acid
CF ₃	H	F	O	6-N-acetyl-8-methyladenine	H	O-amino acid
CF ₃	H	F	O	4-N-acetyl-5-fluoro-8-methylcytosine	H	O-amino acid
CF ₃	H	F	O	6-N-acetyl-2-fluoro-8-methyladenine	H	O-amino acid
CF ₃	H	F	O	6-N-acetyl-2-amino-8-methyladenine	H	O-amino acid
CF ₃	H	F	O	2-N-acetylamino-8-methyladenine	H	O-amino acid
CF ₃	H	F	O	2-N-acetylamino-8-methylhypoxanthine	H	O-amino acid
CF ₃	H	F	O	6-Methylthymine	H	O-acyl
CF ₃	H	F	O	6-Methyluracil	H	O-acyl
CF ₃	H	F	O	8-Methylguanine	H	O-acyl
CF ₃	H	F	O	6-Methylcytosine	H	O-acyl
CF ₃	H	F	O	8-Methyladenine	H	O-acyl
CF ₃	H	F	O	8-Methylhypoxanthine	H	O-acyl
CF ₃	H	F	O	5-Fluoro-6-Methyluracil	H	O-acyl
CF ₃	H	F	O	5-Fluoro-6-Methylcytosine	H	O-acyl
CF ₃	H	F	O	2-Fluoro-8-methyladenine	H	O-acyl
CF ₃	H	F	O	2-Fluoro-8-methylhypoxanthine	H	O-acyl
CF ₃	H	F	O	2-Amino-8-methyladenine	H	O-acyl
CF ₃	H	F	O	2-Amino-8-methylhypoxanthine	H	O-acyl
CF ₃	H	F	O	2-N-acetyl-8-methylguanine	H	O-acyl
CF ₃	H	F	O	4-N-acetyl-8-methylcytosine	H	O-acyl
CF ₃	H	F	O	6-N-acetyl-8-methyladenine	H	O-acyl
CF ₃	H	F	O	4-N-acetyl-5-fluoro-8-methylcytosine	H	O-acyl
CF ₃	H	F	O	6-N-acetyl-2-fluoro-8-methyladenine	H	O-acyl
CF ₃	H	F	O	6-N-acetyl-2-amino-8-methyladenine	H	O-acyl
CF ₃	H	F	O	2-N-acetylamino-8-methyladenine	H	O-acyl
CF ₃	H	F	O	2-N-acetylamino-8-methylhypoxanthine	H	O-acyl
CF ₃	H	Br	O	6-Methylthymine	F	O-amino acid
CF ₃	H	Br	O	6-Methyluracil	F	O-amino acid
CF ₃	H	Br	O	8-Methylguanine	F	O-amino acid
CF ₃	H	Br	O	6-Methylcytosine	F	O-amino acid
CF ₃	H	Br	O	8-Methyladenine	F	O-amino acid
CF ₃	H	Br	O	8-Methylhypoxanthine	F	O-amino acid

TABLE 6-continued

R ⁶	R ⁷	R ⁸	X	Base	R ¹⁰	R ⁹
CF ₃	H	Br	O	5-Fluoro-6-Methyluracil	F	O-amino acid
CF ₃	H	Br	O	5-Fluoro-6-Methylcytosine	F	O-amino acid
CF ₃	H	Br	O	2-Fluoro-8-methyladenine	F	O-amino acid
CF ₃	H	Br	O	2-Fluoro-8-methylhypoxanthine	F	O-amino acid
CF ₃	H	Br	O	2-Amino-8-methyladenine	F	O-amino acid
CF ₃	H	Br	O	2-Amino-8-methylhypoxanthine	F	O-amino acid
CF ₃	H	Br	O	2-N-acetyl-8-methylguanine	F	O-amino acid
CF ₃	H	Br	O	4-N-acetyl-8-methylcytosine	F	O-amino acid
CF ₃	H	Br	O	6-N-acetyl-8-methyladenine	F	O-amino acid
CF ₃	H	Br	O	4-N-acetyl-5-fluoro-8-methylcytosine	F	O-amino acid
CF ₃	H	Br	O	6-N-acetyl-2-fluoro-8-methyladenine	F	O-amino acid
CF ₃	H	Br	O	6-N-acetyl-2-amino-8-methyladenine	F	O-amino acid
CF ₃	H	Br	O	2-N-acetylamino-8-methyladenine	F	O-amino acid
CF ₃	H	Br	O	2-N-acetylamino-8-methylhypoxanthine	F	O-amino acid
CF ₃	H	Br	O	6-Methylthymine	F	O-acyl
CF ₃	H	Br	O	6-Methyluracil	F	O-acyl
CF ₃	H	Br	O	8-Methylguanine	F	O-acyl
CF ₃	H	Br	O	6-Methylcytosine	F	O-acyl
CF ₃	H	Br	O	8-Methyladenine	F	O-acyl
CF ₃	H	Br	O	8-Methylhypoxanthine	F	O-acyl
CF ₃	H	Br	O	5-Fluoro-6-Methyluracil	F	O-acyl
CF ₃	H	Br	O	5-Fluoro-6-Methylcytosine	F	O-acyl
CF ₃	H	Br	O	2-Fluoro-8-methyladenine	F	O-acyl
CF ₃	H	Br	O	2-Fluoro-8-methylhypoxanthine	F	O-acyl
CF ₃	H	Br	O	2-Amino-8-methyladenine	F	O-acyl
CF ₃	H	Br	O	2-Amino-8-methylhypoxanthine	F	O-acyl
CF ₃	H	Br	O	2-N-acetyl-8-methylguanine	F	O-acyl
CF ₃	H	Br	O	4-N-acetyl-8-methylcytosine	F	O-acyl
CF ₃	H	Br	O	6-N-acetyl-8-methyladenine	F	O-acyl
CF ₃	H	Br	O	4-N-acetyl-5-fluoro-8-methylcytosine	F	O-acyl
CF ₃	H	Br	O	6-N-acetyl-2-fluoro-8-methyladenine	F	O-acyl
CF ₃	H	Br	O	6-N-acetyl-2-amino-8-methyladenine	F	O-acyl
CF ₃	H	Br	O	2-N-acetylamino-8-methyladenine	F	O-acyl
CF ₃	H	Br	O	2-N-acetylamino-8-methylhypoxanthine	F	O-acyl
CF ₃	H	Br	O	6-Methylthymine	Br	O-amino acid
CF ₃	H	Br	O	6-Methyluracil	Br	O-amino acid
CF ₃	H	Br	O	8-Methylguanine	Br	O-amino acid
CF ₃	H	Br	O	6-Methylcytosine	Br	O-amino acid
CF ₃	H	Br	O	8-Methyladenine	Br	O-amino acid
CF ₃	H	Br	O	8-Methylhypoxanthine	Br	O-amino acid
CF ₃	H	Br	O	5-Fluoro-6-Methyluracil	Br	O-amino acid
CF ₃	H	Br	O	5-Fluoro-6-Methylcytosine	Br	O-amino acid
CF ₃	H	Br	O	2-Fluoro-8-methyladenine	Br	O-amino acid
CF ₃	H	Br	O	2-Fluoro-8-methylhypoxanthine	Br	O-amino acid
CF ₃	H	Br	O	2-Amino-8-methyladenine	Br	O-amino acid
CF ₃	H	Br	O	2-Amino-8-methylhypoxanthine	Br	O-amino acid
CF ₃	H	Br	O	2-N-acetyl-8-methylguanine	Br	O-amino acid
CF ₃	H	Br	O	4-N-acetyl-8-methylcytosine	Br	O-amino acid
CF ₃	H	Br	O	6-N-acetyl-8-methyladenine	Br	O-amino acid
CF ₃	H	Br	O	4-N-acetyl-5-fluoro-8-methylcytosine	Br	O-amino acid
CF ₃	H	Br	O	6-N-acetyl-2-fluoro-8-methyladenine	Br	O-amino acid
CF ₃	H	Br	O	6-N-acetyl-2-amino-8-methyladenine	Br	O-amino acid
CF ₃	H	Br	O	2-N-acetylamino-8-methyladenine	Br	O-amino acid
CF ₃	H	Br	O	2-N-acetylamino-8-methylhypoxanthine	Br	O-amino acid
CF ₃	H	Br	O	6-Methylthymine	Br	O-acyl
CF ₃	H	Br	O	6-Methyluracil	Br	O-acyl
CF ₃	H	Br	O	8-Methylguanine	Br	O-acyl
CF ₃	H	Br	O	6-Methylcytosine	Br	O-acyl
CF ₃	H	Br	O	8-Methyladenine	Br	O-acyl
CF ₃	H	Br	O	8-Methylhypoxanthine	Br	O-acyl
CF ₃	H	Br	O	5-Fluoro-6-Methyluracil	Br	O-acyl
CF ₃	H	Br	O	5-Fluoro-6-Methylcytosine	Br	O-acyl
CF ₃	H	Br	O	2-Fluoro-8-methyladenine	Br	O-acyl
CF ₃	H	Br	O	2-Fluoro-8-methylhypoxanthine	Br	O-acyl
CF ₃	H	Br	O	2-Amino-8-methyladenine	Br	O-acyl
CF ₃	H	Br	O	2-Amino-8-methylhypoxanthine	Br	O-acyl
CF ₃	H	Br	O	2-N-acetyl-8-methylguanine	Br	O-acyl
CF ₃	H	Br	O	4-N-acetyl-8-methylcytosine	Br	O-acyl
CF ₃	H	Br	O	6-N-acetyl-8-methyladenine	Br	O-acyl
CF ₃	H	Br	O	4-N-acetyl-5-fluoro-8-methylcytosine	Br	O-acyl
CF ₃	H	Br	O	6-N-acetyl-2-fluoro-8-methyladenine	Br	O-acyl
CF ₃	H	Br	O	6-N-acetyl-2-amino-8-methyladenine	Br	O-acyl
CF ₃	H	Br	O	2-N-acetylamino-8-methyladenine	Br	O-acyl
CF ₃	H	Br	O	2-N-acetylamino-8-methylhypoxanthine	Br	O-acyl

TABLE 6-continued

R ⁶	R ⁷	R ⁸	X	Base	R ¹⁰	R ⁹
CF ₃	H	Br	O	2-N-acetylamino-8-methylhypoxanthine	Br	O-acyl
CF ₃	H	Br	O	6-Methylthymine	Cl	O-amino acid
CF ₃	H	Br	O	6-Methyluracil	Cl	O-amino acid
CF ₃	H	Br	O	8-Methylguanine	Cl	O-amino acid
CF ₃	H	Br	O	6-Methylcytosine	Cl	O-amino acid
CF ₃	H	Br	O	8-Methyladenine	Cl	O-amino acid
CF ₃	H	Br	O	8-Methylhypoxanthine	Cl	O-amino acid
CF ₃	H	Br	O	5-Fluoro-6-Methyluracil	Cl	O-amino acid
CF ₃	H	Br	O	5-Fluoro-6-Methylcytosine	Cl	O-amino acid
CF ₃	H	Br	O	2-Fluoro-8-methyladenine	Cl	O-amino acid
CF ₃	H	Br	O	2-Fluoro-8-methylhypoxanthine	Cl	O-amino acid
CF ₃	H	Br	O	2-Amino-8-methyladenine	Cl	O-amino acid
CF ₃	H	Br	O	2-Amino-8-methylhypoxanthine	Cl	O-amino acid
CF ₃	H	Br	O	2-N-acetyl-8-methylguanine	Cl	O-amino acid
CF ₃	H	Br	O	4-N-acetyl-8-methylcytosine	Cl	O-amino acid
CF ₃	H	Br	O	6-N-acetyl-8-methyladenine	Cl	O-amino acid
CF ₃	H	Br	O	4-N-acetyl-5-fluoro-8-methylcytosine	Cl	O-amino acid
CF ₃	H	Br	O	6-N-acetyl-2-fluoro-8-methyladenine	Cl	O-amino acid
CF ₃	H	Br	O	6-N-acetyl-2-amino-8-methyladenine	Cl	O-amino acid
CF ₃	H	Br	O	2-N-acetylamino-8-methyladenine	Cl	O-amino acid
CF ₃	H	Br	O	2-N-acetylamino-8-methylhypoxanthine	Cl	O-amino acid
CF ₃	H	Br	O	6-Methylthymine	Cl	O-acyl
CF ₃	H	Br	O	6-Methyluracil	Cl	O-acyl
CF ₃	H	Br	O	8-Methylguanine	Cl	O-acyl
CF ₃	H	Br	O	6-Methylcytosine	Cl	O-acyl
CF ₃	H	Br	O	8-Methyladenine	Cl	O-acyl
CF ₃	H	Br	O	8-Methylhypoxanthine	Cl	O-acyl
CF ₃	H	Br	O	5-Fluoro-6-Methyluracil	Cl	O-acyl
CF ₃	H	Br	O	5-Fluoro-6-Methylcytosine	Cl	O-acyl
CF ₃	H	Br	O	2-Fluoro-8-methyladenine	Cl	O-acyl
CF ₃	H	Br	O	2-Fluoro-8-methylhypoxanthine	Cl	O-acyl
CF ₃	H	Br	O	2-Amino-8-methyladenine	Cl	O-acyl
CF ₃	H	Br	O	2-Amino-8-methylhypoxanthine	Cl	O-acyl
CF ₃	H	Br	O	2-N-acetyl-8-methylguanine	Cl	O-acyl
CF ₃	H	Br	O	4-N-acetyl-8-methylcytosine	Cl	O-acyl
CF ₃	H	Br	O	6-N-acetyl-8-methyladenine	Cl	O-acyl
CF ₃	H	Br	O	4-N-acetyl-5-fluoro-8-methylcytosine	Cl	O-acyl
CF ₃	H	Br	O	6-N-acetyl-2-fluoro-8-methyladenine	Cl	O-acyl
CF ₃	H	Br	O	6-N-acetyl-2-amino-8-methyladenine	Cl	O-acyl
CF ₃	H	Br	O	2-N-acetylamino-8-methyladenine	Cl	O-acyl
CF ₃	H	Br	O	2-N-acetylamino-8-methylhypoxanthine	Cl	O-acyl
CF ₃	H	Br	O	6-Methylthymine	H	O-amino acid
CF ₃	H	Br	O	6-Methyluracil	H	O-amino acid
CF ₃	H	Br	O	8-Methylguanine	H	O-amino acid
CF ₃	H	Br	O	6-Methylcytosine	H	O-amino acid
CF ₃	H	Br	O	8-Methyladenine	H	O-amino acid
CF ₃	H	Br	O	8-Methylhypoxanthine	H	O-amino acid
CF ₃	H	Br	O	5-Fluoro-6-Methyluracil	H	O-amino acid
CF ₃	H	Br	O	5-Fluoro-6-Methylcytosine	H	O-amino acid
CF ₃	H	Br	O	2-Fluoro-8-methyladenine	H	O-amino acid
CF ₃	H	Br	O	2-Fluoro-8-methylhypoxanthine	H	O-amino acid
CF ₃	H	Br	O	2-Amino-8-methyladenine	H	O-amino acid
CF ₃	H	Br	O	2-Amino-8-methylhypoxanthine	H	O-amino acid
CF ₃	H	Br	O	2-N-acetyl-8-methylguanine	H	O-amino acid
CF ₃	H	Br	O	4-N-acetyl-8-methylcytosine	H	O-amino acid
CF ₃	H	Br	O	6-N-acetyl-8-methyladenine	H	O-amino acid
CF ₃	H	Br	O	4-N-acetyl-5-fluoro-8-methylcytosine	H	O-amino acid
CF ₃	H	Br	O	6-N-acetyl-2-fluoro-8-methyladenine	H	O-amino acid
CF ₃	H	Br	O	6-N-acetyl-2-amino-8-methyladenine	H	O-amino acid
CF ₃	H	Br	O	2-N-acetylamino-8-methyladenine	H	O-amino acid
CF ₃	H	Br	O	2-N-acetylamino-8-methylhypoxanthine	H	O-amino acid
CF ₃	H	Br	O	6-Methylthymine	H	O-acyl
CF ₃	H	Br	O	6-Methyluracil	H	O-acyl
CF ₃	H	Br	O	8-Methylguanine	H	O-acyl
CF ₃	H	Br	O	6-Methylcytosine	H	O-acyl
CF ₃	H	Br	O	8-Methyladenine	H	O-acyl
CF ₃	H	Br	O	8-Methylhypoxanthine	H	O-acyl
CF ₃	H	Br	O	5-Fluoro-6-Methyluracil	H	O-acyl
CF ₃	H	Br	O	5-Fluoro-6-Methylcytosine	H	O-acyl
CF ₃	H	Br	O	2-Fluoro-8-methyladenine	H	O-acyl
CF ₃	H	Br	O	2-Fluoro-8-methylhypoxanthine	H	O-acyl
CF ₃	H	Br	O	2-Amino-8-methyladenine	H	O-acyl
CF ₃	H	Br	O	2-Amino-8-methylhypoxanthine	H	O-acyl

TABLE 6-continued

R ⁶	R ⁷	R ⁸	X	Base	R ¹⁰	R ⁹
CF ₃	H	Br	O	2-N-acetyl-8-methylguanine	H	O-acyl
CF ₃	H	Br	O	4-N-acetyl-8-methylcytosine	H	O-acyl
CF ₃	H	Br	O	6-N-acetyl-8-methyladenine	H	O-acyl
CF ₃	H	Br	O	4-N-acetyl-5-fluoro-8-methylcytosine	H	O-acyl
CF ₃	H	Br	O	6-N-acetyl-2-fluoro-8-methyladenine	H	O-acyl
CF ₃	H	Br	O	6-N-acetyl-2-amino-8-methyladenine	H	O-acyl
CF ₃	H	Br	O	2-N-acetylamino-8-methyladenine	H	O-acyl
CF ₃	H	Br	O	2-N-acetylamino-8-methylthypoxanthine	H	O-acyl
CF ₃	H	Cl	O	6-Methylthymine	F	O-amino acid
CF ₃	H	Cl	O	6-Methyluracil	F	O-amino acid
CF ₃	H	Cl	O	8-Methylguanine	O	F-amino acid
CF ₃	H	Cl	O	6-Methylcytosine	F	O-amino acid
CF ₃	H	Cl	O	8-Methyladenine	F	O-amino acid
CF ₃	H	Cl	O	8-Methylthypoxanthine	F	O-amino acid
CF ₃	H	Cl	O	5-Fluoro-6-Methyluracil	F	O-amino acid
CF ₃	H	Cl	O	5-Fluoro-6-Methylcytosine	F	O-amino acid
CF ₃	H	Cl	O	2-Fluoro-8-methyladenine	F	O-amino acid
CF ₃	H	Cl	O	2-Fluoro-8-methylthypoxanthine	F	O-amino acid
CF ₃	H	Cl	O	2-Amino-8-methyladenine	F	O-amino acid
CF ₃	H	Cl	O	2-Amino-8-methylthypoxanthine	F	O-amino acid
CF ₃	H	Cl	O	2-N-acetyl-8-methylguanine	F	O-amino acid
CF ₃	H	Cl	O	4-N-acetyl-8-methylcytosine	F	O-amino acid
CF ₃	H	Cl	O	6-N-acetyl-8-methyladenine	F	O-amino acid
CF ₃	H	Cl	O	4-N-acetyl-5-fluoro-8-methylcytosine	F	O-amino acid
CF ₃	H	Cl	O	6-N-acetyl-2-fluoro-8-methyladenine	F	O-amino acid
CF ₃	H	Cl	O	6-N-acetyl-2-amino-8-methyladenine	F	O-amino acid
CF ₃	H	Cl	O	2-N-acetylamino-8-methyladenine	F	O-amino acid
CF ₃	H	Cl	O	2-N-acetylamino-8-methylthypoxanthine	F	O-amino acid
CF ₃	H	Cl	O	6-Methylthymine	F	O-acyl
CF ₃	H	Cl	O	6-Methyluracil	F	O-acyl
CF ₃	H	Cl	O	8-Methylguanine	F	O-acyl
CF ₃	H	Cl	O	6-Methylcytosine	F	O-acyl
CF ₃	H	Cl	O	8-Methyladenine	F	O-acyl
CF ₃	H	Cl	O	8-Methylthypoxanthine	F	O-acyl
CF ₃	H	Cl	O	5-Fluoro-6-Methyluracil	F	O-acyl
CF ₃	H	Cl	O	5-Fluoro-6-Methylcytosine	F	O-acyl
CF ₃	H	Cl	O	2-Fluoro-8-methyladenine	F	O-acyl
CF ₃	H	Cl	O	2-Fluoro-8-methylthypoxanthine	F	O-acyl
CF ₃	H	Cl	O	2-Amino-8-methyladenine	F	O-acyl
CF ₃	H	Cl	O	2-Amino-8-methylthypoxanthine	F	O-acyl
CF ₃	H	Cl	O	2-N-acetyl-8-methylguanine	F	O-acyl
CF ₃	H	Cl	O	4-N-acetyl-8-methylcytosine	F	O-acyl
CF ₃	H	Cl	O	6-N-acetyl-8-methyladenine	F	O-acyl
CF ₃	H	Cl	O	4-N-acetyl-5-fluoro-8-methylcytosine	F	O-acyl
CF ₃	H	Cl	O	6-N-acetyl-2-fluoro-8-methyladenine	F	O-acyl
CF ₃	H	Cl	O	6-N-acetyl-2-amino-8-methyladenine	F	O-acyl
CF ₃	H	Cl	O	2-N-acetylamino-8-methyladenine	F	O-acyl
CF ₃	H	Cl	O	2-N-acetylamino-8-methylthypoxanthine	F	O-acyl
CF ₃	H	Cl	O	6-Methylthymine	Br	O-amino acid
CF ₃	H	Cl	O	6-Methyluracil	Br	O-amino acid
CF ₃	H	Cl	O	8-Methylguanine	Br	O-amino acid
CF ₃	H	Cl	O	6-Methylcytosine	Br	O-amino acid
CF ₃	H	Cl	O	8-Methyladenine	Br	O-amino acid
CF ₃	H	Cl	O	8-Methylthypoxanthine	Br	O-amino acid
CF ₃	H	Cl	O	5-Fluoro-6-Methyluracil	Br	O-amino acid
CF ₃	H	Cl	O	5-Fluoro-6-Methylcytosine	Br	O-amino acid
CF ₃	H	Cl	O	2-Fluoro-8-methyladenine	Br	O-amino acid
CF ₃	H	Cl	O	2-Fluoro-8-methylthypoxanthine	Br	O-amino acid
CF ₃	H	Cl	O	2-Amino-8-methyladenine	Br	O-amino acid
CF ₃	H	Cl	O	2-Amino-8-methylthypoxanthine	Br	O-amino acid
CF ₃	H	Cl	O	2-N-acetyl-8-methylguanine	Br	O-amino acid
CF ₃	H	Cl	O	4-N-acetyl-8-methylcytosine	Br	O-amino acid
CF ₃	H	Cl	O	6-N-acetyl-8-methyladenine	Br	O-amino acid
CF ₃	H	Cl	O	4-N-acetyl-5-fluoro-8-methylcytosine	Br	O-amino acid
CF ₃	H	Cl	O	6-N-acetyl-2-fluoro-8-methyladenine	Br	O-amino acid
CF ₃	H	Cl	O	6-N-acetyl-2-amino-8-methyladenine	Br	O-amino acid
CF ₃	H	Cl	O	2-N-acetylamino-8-methyladenine	Br	O-amino acid
CF ₃	H	Cl	O	2-N-acetylamino-8-methylthypoxanthine	Br	O-amino acid
CF ₃	H	Cl	O	6-Methylthymine	Br	O-acyl
CF ₃	H	Cl	O	6-Methyluracil	Br	O-acyl
CF ₃	H	Cl	O	8-Methylguanine	Br	O-acyl
CF ₃	H	Cl	O	6-Methylcytosine	Br	O-acyl
CF ₃	H	Cl	O	8-Methyladenine	Br	O-acyl

TABLE 6-continued

R ⁶	R ⁷	R ⁸	X	Base	R ¹⁰	R ⁹
CF ₃	H	Cl	O	8-Methylhypoxanthine	Br	O-acyl
CF ₃	H	Cl	O	5-Fluoro-6-Methyluracil	Br	O-acyl
CF ₃	H	Cl	O	5-Fluoro-6-Methylcytosine	Br	O-acyl
CF ₃	H	Cl	O	2-Fluoro-8-methyladenine	Br	O-acyl
CF ₃	H	Cl	O	2-Fluoro-8-methylhypoxanthine	Br	O-acyl
CF ₃	H	Cl	O	2-Amino-8-methyladenine	Br	O-acyl
CF ₃	H	Cl	O	2-Amino-8-methylhypoxanthine	Br	O-acyl
CF ₃	H	Cl	O	2-N-acetyl-8-methylguanine	Br	O-acyl
CF ₃	H	Cl	O	4-N-acetyl-8-methylcytosine	Br	O-acyl
CF ₃	H	Cl	O	6-N-acetyl-8-methyladenine	Br	O-acyl
CF ₃	H	Cl	O	4-N-acetyl-5-fluoro-8-methylcytosine	Br	O-acyl
CF ₃	H	Cl	O	6-N-acetyl-2-fluoro-8-methyladenine	Br	O-acyl
CF ₃	H	Cl	O	6-N-acetyl-2-amino-8-methyladenine	Br	O-acyl
CF ₃	H	Cl	O	2-N-acetylamino-8-methyladenine	Br	O-acyl
CF ₃	H	Cl	O	2-N-acetylamino-8-methylhypoxanthine	Br	O-acyl
CF ₃	H	Cl	O	6-Methylthymine	Cl	O-amino acid
CF ₃	H	Cl	O	6-Methyluracil	Cl	O-amino acid
CF ₃	H	Cl	O	8-Methylguanine	Cl	O-amino acid
CF ₃	H	Cl	O	6-Methylcytosine	Cl	O-amino acid
CF ₃	H	Cl	O	8-Methyladenine	Cl	O-amino acid
CF ₃	H	Cl	O	8-Methylhypoxanthine	Cl	O-amino acid
CF ₃	H	Cl	O	5-Fluoro-6-Methyluracil	Cl	O-amino acid
CF ₃	H	Cl	O	5-Fluoro-6-Methylcytosine	Cl	O-amino acid
CF ₃	H	Cl	O	2-Fluoro-8-methyladenine	Cl	O-amino acid
CF ₃	H	Cl	O	2-Fluoro-8-methylhypoxanthine	Cl	O-amino acid
CF ₃	H	Cl	O	2-Amino-8-methyladenine	Cl	O-amino acid
CF ₃	H	Cl	O	2-Amino-8-methylhypoxanthine	Cl	O-amino acid
CF ₃	H	Cl	O	2-N-acetyl-8-methylguanine	Cl	O-amino acid
CF ₃	H	Cl	O	4-N-acetyl-8-methylcytosine	Cl	O-amino acid
CF ₃	H	Cl	O	6-N-acetyl-8-methyladenine	Cl	O-amino acid
CF ₃	H	Cl	O	4-N-acetyl-5-fluoro-8-methylcytosine	Cl	O-amino acid
CF ₃	H	Cl	O	6-N-acetyl-2-fluoro-8-methyladenine	Cl	O-amino acid
CF ₃	H	Cl	O	6-N-acetyl-2-amino-8-methyladenine	Cl	O-amino acid
CF ₃	H	Cl	O	2-N-acetylamino-8-methyladenine	Cl	O-amino acid
CF ₃	H	Cl	O	2-N-acetylamino-8-methylhypoxanthine	Cl	O-amino acid
CF ₃	H	Cl	O	6-Methylthymine	Cl	O-acyl
CF ₃	H	Cl	O	6-Methyluracil	Cl	O-acyl
CF ₃	H	Cl	O	8-Methylguanine	Cl	O-acyl
CF ₃	H	Cl	O	6-Methylcytosine	Cl	O-acyl
CF ₃	H	Cl	O	8-Methyladenine	Cl	O-acyl
CF ₃	H	Cl	O	8-Methylhypoxanthine	Cl	O-acyl
CF ₃	H	Cl	O	5-Fluoro-6-Methyluracil	Cl	O-acyl
CF ₃	H	Cl	O	5-Fluoro-6-Methylcytosine	Cl	O-acyl
CF ₃	H	Cl	O	2-Fluoro-8-methyladenine	Cl	O-acyl
CF ₃	H	Cl	O	2-Fluoro-8-methylhypoxanthine	Cl	O-acyl
CF ₃	H	Cl	O	2-Amino-8-methyladenine	Cl	O-acyl
CF ₃	H	Cl	O	2-Amino-8-methylhypoxanthine	Cl	O-acyl
CF ₃	H	Cl	O	2-N-acetyl-8-methylguanine	Cl	O-acyl
CF ₃	H	Cl	O	4-N-acetyl-8-methylcytosine	Cl	O-acyl
CF ₃	H	Cl	O	6-N-acetyl-8-methyladenine	Cl	O-acyl
CF ₃	H	Cl	O	4-N-acetyl-5-fluoro-8-methylcytosine	Cl	O-acyl
CF ₃	H	Cl	O	6-N-acetyl-2-fluoro-8-methyladenine	Cl	O-acyl
CF ₃	H	Cl	O	6-N-acetyl-2-amino-8-methyladenine	Cl	O-acyl
CF ₃	H	Cl	O	2-N-acetylamino-8-methyladenine	Cl	O-acyl
CF ₃	H	Cl	O	2-N-acetylamino-8-methylhypoxanthine	Cl	O-acyl
CF ₃	H	Cl	O	6-Methylthymine	H	O-amino acid
CF ₃	H	Cl	O	6-Methyluracil	H	O-amino acid
CF ₃	H	Cl	O	8-Methylguanine	H	O-amino acid
CF ₃	H	Cl	O	6-Methylcytosine	H	O-amino acid
CF ₃	H	Cl	O	8-Methyladenine	H	O-amino acid
CF ₃	H	Cl	O	8-Methylhypoxanthine	H	O-amino acid
CF ₃	H	Cl	O	5-Fluoro-6-Methyluracil	H	O-amino acid
CF ₃	H	Cl	O	5-Fluoro-6-Methylcytosine	H	O-amino acid
CF ₃	H	Cl	O	2-Fluoro-8-methyladenine	H	O-amino acid
CF ₃	H	Cl	O	2-Fluoro-8-methylhypoxanthine	H	O-amino acid
CF ₃	H	Cl	O	2-Amino-8-methyladenine	H	O-amino acid
CF ₃	H	Cl	O	2-Amino-8-methylhypoxanthine	H	O-amino acid
CF ₃	H	Cl	O	2-N-acetyl-8-methylguanine	H	O-amino acid
CF ₃	H	Cl	O	4-N-acetyl-8-methylcytosine	H	O-amino acid
CF ₃	H	Cl	O	6-N-acetyl-8-methyladenine	H	O-amino acid
CF ₃	H	Cl	O	4-N-acetyl-5-fluoro-8-methylcytosine	H	O-amino acid
CF ₃	H	Cl	O	6-N-acetyl-2-fluoro-8-methyladenine	H	O-amino acid
CF ₃	H	Cl	O	6-N-acetyl-2-amino-8-methyladenine	H	O-amino acid
CF ₃	H	Cl	O	2-N-acetylamino-8-methyladenine	H	O-amino acid

TABLE 6-continued

R ⁶	R ⁷	R ⁸	X	Base	R ¹⁰	R ⁹
CF ₃	H	Cl	O	2-N-acetylamino-8-methylhypoxanthine	H	O-amino acid
CF ₃	H	Cl	O	6-Methylthymine	H	O-acyl
CF ₃	H	Cl	O	6-Methyluracil	H	O-acyl
CF ₃	H	Cl	O	8-Methylguanine	H	O-acyl
CF ₃	H	Cl	O	6-Methylcytosine	H	O-acyl
CF ₃	H	Cl	O	8-Methyladenine	H	O-acyl
CF ₃	H	Cl	O	8-Methylhypoxanthine	H	O-acyl
CF ₃	H	Cl	O	5-Fluoro-6-Methyluracil	H	O-acyl
CF ₃	H	Cl	O	5-Fluoro-6-Methylcytosine	H	O-acyl
CF ₃	H	Cl	O	2-Fluoro-8-methyladenine	H	O-acyl
CF ₃	H	Cl	O	2-Fluoro-8-methylhypoxanthine	H	O-acyl
CF ₃	H	Cl	O	2-Amino-8-methyladenine	H	O-acyl
CF ₃	H	Cl	O	2-Amino-8-methylhypoxanthine	H	O-acyl
CF ₃	H	Cl	O	2-N-acetyl-8-methylguanine	H	O-acyl
CF ₃	H	Cl	O	4-N-acetyl-8-methylcytosine	H	O-acyl
CF ₃	H	Cl	O	6-N-acetyl-8-methyladenine	H	O-acyl
CF ₃	H	Cl	O	4-N-acetyl-5-fluoro-8-methylcytosine	H	O-acyl
CF ₃	H	Cl	O	6-N-acetyl-2-fluoro-8-methyladenine	H	O-acyl
CF ₃	H	Cl	O	6-N-acetyl-2-amino-8-methyladenine	H	O-acyl
CF ₃	H	Cl	O	2-N-acetylamino-8-methyladenine	H	O-acyl
CF ₃	H	Cl	O	2-N-acetylamino-8-methylhypoxanthine	H	O-acyl
CF ₃	H	H	O	6-Methylthymine	F	O-amino acid
CF ₃	H	H	O	6-Methyluracil	F	O-amino acid
CF ₃	H	H	O	8-Methylguanine	F	O-amino acid
CF ₃	H	H	O	6-Methylcytosine	F	O-amino acid
CF ₃	H	H	O	8-Methyladenine	F	O-amino acid
CF ₃	H	H	O	8-Methylhypoxanthine	F	O-amino acid
CF ₃	H	H	O	5-Fluoro-6-Methyluracil	F	O-amino acid
CF ₃	H	H	O	5-Fluoro-6-Methylcytosine	F	O-amino acid
CF ₃	H	H	O	2-Fluoro-8-methyladenine	F	O-amino acid
CF ₃	H	H	O	2-Fluoro-8-methylhypoxanthine	F	O-amino acid
CF ₃	H	H	O	2-Amino-8-methyladenine	F	O-amino acid
CF ₃	H	H	O	2-Amino-8-methylhypoxanthine	F	O-amino acid
CF ₃	H	H	O	2-N-acetyl-8-methylguanine	F	O-amino acid
CF ₃	H	H	O	4-N-acetyl-8-methylcytosine	F	O-amino acid
CF ₃	H	H	O	6-N-acetyl-8-methyladenine	F	O-amino acid
CF ₃	H	H	O	4-N-acetyl-5-fluoro-8-methylcytosine	F	O-amino acid
CF ₃	H	H	O	6-N-acetyl-2-fluoro-8-methyladenine	F	O-amino acid
CF ₃	H	H	O	6-N-acetyl-2-amino-8-methyladenine	F	O-amino acid
CF ₃	H	H	O	2-N-acetylamino-8-methyladenine	F	O-amino acid
CF ₃	H	H	O	2-N-acetylamino-8-methylhypoxanthine	F	O-amino acid
CF ₃	H	H	O	6-Methylthymine	F	O-acyl
CF ₃	H	H	O	6-Methyluracil	F	O-acyl
CF ₃	H	H	O	8-Methylguanine	F	O-acyl
CF ₃	H	H	O	6-Methylcytosine	F	O-acyl
CF ₃	H	H	O	8-Methyladenine	F	O-acyl
CF ₃	H	H	O	8-Methylhypoxanthine	F	O-acyl
CF ₃	H	H	O	5-Fluoro-6-Methyluracil	F	O-acyl
CF ₃	H	H	O	5-Fluoro-6-Methylcytosine	F	O-acyl
CF ₃	H	H	O	2-Fluoro-8-methyladenine	F	O-acyl
CF ₃	H	H	O	2-Fluoro-8-methylhypoxanthine	F	O-acyl
CF ₃	H	H	O	2-Amino-8-methyladenine	F	O-acyl
CF ₃	H	H	O	2-Amino-8-methylhypoxanthine	F	O-acyl
CF ₃	H	H	O	2-N-acetyl-8-methylguanine	F	O-acyl
CF ₃	H	H	O	4-N-acetyl-8-methylcytosine	F	O-acyl
CF ₃	H	H	O	6-N-acetyl-8-methyladenine	F	O-acyl
CF ₃	H	H	O	4-N-acetyl-5-fluoro-8-methylcytosine	F	O-acyl
CF ₃	H	H	O	6-N-acetyl-2-fluoro-8-methyladenine	F	O-acyl
CF ₃	H	H	O	6-N-acetyl-2-amino-8-methyladenine	F	O-acyl
CF ₃	H	H	O	2-N-acetylamino-8-methyladenine	F	O-acyl
CF ₃	H	H	O	2-N-acetylamino-8-methylhypoxanthine	F	O-acyl
CF ₃	H	H	O	6-Methylthymine	Br	O-amino acid
CF ₃	H	H	O	6-Methyluracil	Br	O-amino acid
CF ₃	H	H	O	8-Methylguanine	Br	O-amino acid
CF ₃	H	H	O	6-Methylcytosine	Br	O-amino acid
CF ₃	H	H	O	8-Methyladenine	Br	O-amino acid
CF ₃	H	H	O	8-Methylhypoxanthine	Br	O-amino acid
CF ₃	H	H	O	5-Fluoro-6-Methyluracil	Br	O-amino acid
CF ₃	H	H	O	5-Fluoro-6-Methylcytosine	Br	O-amino acid
CF ₃	H	H	O	2-Fluoro-8-methyladenine	Br	O-amino acid
CF ₃	H	H	O	2-Fluoro-8-methylhypoxanthine	Br	O-amino acid
CF ₃	H	H	O	2-Amino-8-methyladenine	Br	O-amino acid
CF ₃	H	H	O	2-Amino-8-methylhypoxanthine	Br	O-amino acid

TABLE 6-continued

R ⁶	R ⁷	R ⁸	X	Base	R ¹⁰	R ⁹
CF ₃	H	H	O	2-N-acetyl-8-methylguanine	Br	O-amino acid
CF ₃	H	H	O	4-N-acetyl-8-methylcytosine	Br	O-amino acid
CF ₃	H	H	O	6-N-acetyl-8-methyladenine	Br	O-amino acid
CF ₃	H	H	O	4-N-acetyl-5-fluoro-8-methylcytosine	Br	O-amino acid
CF ₃	H	H	O	6-N-acetyl-2-fluoro-8-methyladenine	Br	O-amino acid
CF ₃	H	H	O	6-N-acetyl-2-amino-8-methyladenine	Br	O-amino acid
CF ₃	H	H	O	2-N-acetylamino-8-methyladenine	Br	O-amino acid
CF ₃	H	H	O	2-N-acetylamino-8-methylhypoxanthine	Br	O-amino acid
CF ₃	H	H	O	6-Methylthymine	Br	O-acyl
CF ₃	H	H	O	6-Methyluracil	Br	O-acyl
CF ₃	H	H	O	8-Methylguanine	Br	O-acyl
CF ₃	H	H	O	6-Methylcytosine	Br	O-acyl
CF ₃	H	H	O	8-Methyladenine	Br	O-acyl
CF ₃	H	H	O	8-Methylhypoxanthine	Br	O-acyl
CF ₃	H	H	O	5-Fluoro-6-Methyluracil	Br	O-acyl
CF ₃	H	H	O	5-Fluoro-6-Methylcytosine	Br	O-acyl
CF ₃	H	H	O	2-Fluoro-8-methyladenine	Br	O-acyl
CF ₃	H	H	O	2-Fluoro-8-methylhypoxanthine	Br	O-acyl
CF ₃	H	H	O	2-Amino-8-methyladenine	Br	O-acyl
CF ₃	H	H	O	2-Amino-8-methylhypoxanthine	Br	O-acyl
CF ₃	H	H	O	2-N-acetyl-8-methylguanine	Br	O-acyl
CF ₃	H	H	O	4-N-acetyl-8-methylcytosine	Br	O-acyl
CF ₃	H	H	O	6-N-acetyl-8-methyladenine	Br	O-acyl
CF ₃	H	H	O	4-N-acetyl-5-fluoro-8-methylcytosine	Br	O-acyl
CF ₃	H	H	O	6-N-acetyl-2-fluoro-8-methyladenine	Br	O-acyl
CF ₃	H	H	O	6-N-acetyl-2-amino-8-methyladenine	Br	O-acyl
CF ₃	H	H	O	2-N-acetylamino-8-methyladenine	Br	O-acyl
CF ₃	H	H	O	2-N-acetylamino-8-methylhypoxanthine	Br	O-acyl
CF ₃	H	H	O	6-Methylthymine	Cl	O-amino acid
CF ₃	H	H	O	6-Methyluracil	Cl	O-amino acid
CF ₃	H	H	O	8-Methylguanine	Cl	O-amino acid
CF ₃	H	H	O	6-Methylcytosine	Cl	O-amino acid
CF ₃	H	H	O	8-Methyladenine	Cl	O-amino acid
CF ₃	H	H	O	8-Methylhypoxanthine	Cl	O-amino acid
CF ₃	H	H	O	5-Fluoro-6-Methyluracil	Cl	O-amino acid
CF ₃	H	H	O	5-Fluoro-6-Methylcytosine	Cl	O-amino acid
CF ₃	H	H	O	2-Fluoro-8-methyladenine	Cl	O-amino acid
CF ₃	H	H	O	2-Fluoro-8-methylhypoxanthine	Cl	O-amino acid
CF ₃	H	H	O	2-Amino-8-methyladenine	Cl	O-amino acid
CF ₃	H	H	O	2-Amino-8-methylhypoxanthine	Cl	O-amino acid
CF ₃	H	H	O	2-N-acetyl-8-methylguanine	Cl	O-amino acid
CF ₃	H	H	O	4-N-acetyl-8-methylcytosine	Cl	O-amino acid
CF ₃	H	H	O	6-N-acetyl-8-methyladenine	Cl	O-amino acid
CF ₃	H	H	O	4-N-acetyl-5-fluoro-8-methylcytosine	Cl	O-amino acid
CF ₃	H	H	O	6-N-acetyl-2-fluoro-8-methyladenine	Cl	O-amino acid
CF ₃	H	H	O	6-N-acetyl-2-amino-8-methyladenine	Cl	O-amino acid
CF ₃	H	H	O	2-N-acetylamino-8-methyladenine	Cl	O-amino acid
CF ₃	H	H	O	2-N-acetylamino-8-methylhypoxanthine	Cl	O-amino acid
CF ₃	H	H	O	6-Methylthymine	Cl	O-acyl
CF ₃	H	H	O	6-Methyluracil	Cl	O-acyl
CF ₃	H	H	O	8-Methylguanine	Cl	O-acyl
CF ₃	H	H	O	6-Methylcytosine	Cl	O-acyl
CF ₃	H	H	O	8-Methyladenine	Cl	O-acyl
CF ₃	H	H	O	8-Methylhypoxanthine	Cl	O-acyl
CF ₃	H	H	O	5-Fluoro-6-Methyluracil	Cl	O-acyl
CF ₃	H	H	O	5-Fluoro-6-Methylcytosine	Cl	O-acyl
CF ₃	H	H	O	2-Fluoro-8-methyladenine	Cl	O-acyl
CF ₃	H	H	O	2-Fluoro-8-methylhypoxanthine	Cl	O-acyl
CF ₃	H	H	O	2-Amino-8-methyladenine	Cl	O-acyl
CF ₃	H	H	O	2-Amino-8-methylhypoxanthine	Cl	O-acyl
CF ₃	H	H	O	2-N-acetyl-8-methylguanine	Cl	O-acyl
CF ₃	H	H	O	4-N-acetyl-8-methylcytosine	Cl	O-acyl
CF ₃	H	H	O	6-N-acetyl-8-methyladenine	Cl	O-acyl
CF ₃	H	H	O	4-N-acetyl-5-fluoro-8-methylcytosine	Cl	O-acyl
CF ₃	H	H	O	6-N-acetyl-2-fluoro-8-methyladenine	Cl	O-acyl
CF ₃	H	H	O	6-N-acetyl-2-amino-8-methyladenine	Cl	O-acyl
CF ₃	H	H	O	2-N-acetylamino-8-methyladenine	Cl	O-acyl
CF ₃	H	H	O	2-N-acetylamino-8-methylhypoxanthine	Cl	O-acyl
CF ₃	H	H	O	6-Methylthymine	H	O-amino acid
CF ₃	H	H	O	6-Methyluracil	H	O-amino acid
CF ₃	H	H	O	8-Methylguanine	H	O-amino acid
CF ₃	H	H	O	6-Methylcytosine	H	O-amino acid
CF ₃	H	H	O	8-Methyladenine	H	O-amino acid

TABLE 6-continued

R ⁶	R ⁷	R ⁸	X	Base	R ¹⁰	R ⁹
CF ₃	H	H	O	8-Methylhypoxanthine	H	O-amino acid
CF ₃	H	H	O	5-Fluoro-6-Methyluracil	H	O-amino acid
CF ₃	H	H	O	5-Fluoro-6-Methylcytosine	H	O-amino acid
CF ₃	H	H	O	2-Fluoro-8-methyladenine	H	O-amino acid
CF ₃	H	H	O	2-Fluoro-8-methylhypoxanthine	H	O-amino acid
CF ₃	H	H	O	2-Amino-8-methyladenine	H	O-amino acid
CF ₃	H	H	O	2-Amino-8-methylhypoxanthine	H	O-amino acid
CF ₃	H	H	O	2-N-acetyl-8-methylguanine	H	O-amino acid
CF ₃	H	H	O	4-N-acetyl-8-methylcytosine	H	O-amino acid
CF ₃	H	H	O	6-N-acetyl-8-methyladenine	H	O-amino acid
CF ₃	H	H	O	4-N-acetyl-5-fluoro-8-methylcytosine	H	O-amino acid
CF ₃	H	H	O	6-N-acetyl-2-fluoro-8-methyladenine	H	O-amino acid
CF ₃	H	H	O	6-N-acetyl-2-amino-8-methyladenine	H	O-amino acid
CF ₃	H	H	O	2-N-acetylamino-8-methyladenine	H	O-amino acid
CF ₃	H	H	O	2-N-acetylamino-8-methylhypoxanthine	H	O-amino acid
CF ₃	H	H	O	6-Methylthymine	H	O-acyl
CF ₃	H	H	O	6-Methyluracil	H	O-acyl
CF ₃	H	H	O	8-Methylguanine	H	O-acyl
CF ₃	H	H	O	6-Methylcytosine	H	O-acyl
CF ₃	H	H	O	8-Methyladenine	H	O-acyl
CF ₃	H	H	O	8-Methylhypoxanthine	H	O-acyl
CF ₃	H	H	O	5-Fluoro-6-Methyluracil	H	O-acyl
CF ₃	H	H	O	5-Fluoro-6-Methylcytosine	H	O-acyl
CF ₃	H	H	O	2-Fluoro-8-methyladenine	H	O-acyl
CF ₃	H	H	O	2-Fluoro-8-methylhypoxanthine	H	O-acyl
CF ₃	H	H	O	2-Amino-8-methyladenine	H	O-acyl
CF ₃	H	H	O	2-Amino-8-methylhypoxanthine	H	O-acyl
CF ₃	H	H	O	2-N-acetyl-8-methylguanine	H	O-acyl
CF ₃	H	H	O	4-N-acetyl-8-methylcytosine	H	O-acyl
CF ₃	H	H	O	6-N-acetyl-8-methyladenine	H	O-acyl
CF ₃	H	H	O	4-N-acetyl-5-fluoro-8-methylcytosine	H	O-acyl
CF ₃	H	H	O	6-N-acetyl-2-fluoro-8-methyladenine	H	O-acyl
CF ₃	H	H	O	6-N-acetyl-2-amino-8-methyladenine	H	O-acyl
CF ₃	H	H	O	2-N-acetylamino-8-methyladenine	H	O-acyl
CF ₃	H	H	O	2-N-acetylamino-8-methylhypoxanthine	H	O-acyl
CF ₃	H	OH	O	6-Methylthymine	F	O-amino acid
CF ₃	H	OH	O	6-Methyluracil	F	O-amino acid
CF ₃	H	OH	O	8-Methylguanine	F	O-amino acid
CF ₃	H	OH	O	6-Methylcytosine	F	O-amino acid
CF ₃	H	OH	O	8-Methyladenine	F	O-amino acid
CF ₃	H	OH	O	8-Methylhypoxanthine	F	O-amino acid
CF ₃	H	OH	O	5-Fluoro-6-Methyluracil	F	O-amino acid
CF ₃	H	OH	O	5-Fluoro-6-Methylcytosine	F	O-amino acid
CF ₃	H	OH	O	2-Fluoro-8-methyladenine	F	O-amino acid
CF ₃	H	OH	O	2-Fluoro-8-methylhypoxanthine	F	O-amino acid
CF ₃	H	OH	O	2-Amino-8-methyladenine	F	O-amino acid
CF ₃	H	OH	O	2-Amino-8-methylhypoxanthine	F	O-amino acid
CF ₃	H	OH	O	2-N-acetyl-8-methylguanine	F	O-amino acid
CF ₃	H	OH	O	4-N-acetyl-8-methylcytosine	F	O-amino acid
CF ₃	H	OH	O	6-N-acetyl-8-methyladenine	F	O-amino acid
CF ₃	H	OH	O	4-N-acetyl-5-fluoro-8-methylcytosine	F	O-amino acid
CF ₃	H	OH	O	6-N-acetyl-2-fluoro-8-methyladenine	F	O-amino acid
CF ₃	H	OH	O	6-N-acetyl-2-amino-8-methyladenine	F	O-amino acid
CF ₃	H	OH	O	2-N-acetylamino-8-methyladenine	F	O-amino acid
CF ₃	H	OH	O	2-N-acetylamino-8-methylhypoxanthine	F	O-amino acid
CF ₃	H	OH	O	6-Methylthymine	F	O-acyl
CF ₃	H	OH	O	6-Methyluracil	F	O-acyl
CF ₃	H	OH	O	8-Methylguanine	F	O-acyl
CF ₃	H	OH	O	6-Methylcytosine	F	O-acyl
CF ₃	H	OH	O	8-Methyladenine	F	O-acyl
CF ₃	H	OH	O	8-Methylhypoxanthine	F	O-acyl
CF ₃	H	OH	O	5-Fluoro-6-Methyluracil	F	O-acyl
CF ₃	H	OH	O	5-Fluoro-6-Methylcytosine	F	O-acyl
CF ₃	H	OH	O	2-Fluoro-8-methyladenine	F	O-acyl
CF ₃	H	OH	O	2-Fluoro-8-methylhypoxanthine	F	O-acyl
CF ₃	H	OH	O	2-Amino-8-methyladenine	F	O-acyl
CF ₃	H	OH	O	2-Amino-8-methylhypoxanthine	F	O-acyl
CF ₃	H	OH	O	2-N-acetyl-8-methylguanine	F	O-acyl
CF ₃	H	OH	O	4-N-acetyl-8-methylcytosine	F	O-acyl
CF ₃	H	OH	O	6-N-acetyl-8-methyladenine	F	O-acyl
CF ₃	H	OH	O	4-N-acetyl-5-fluoro-8-methylcytosine	F	O-acyl
CF ₃	H	OH	O	6-N-acetyl-2-fluoro-8-methyladenine	F	O-acyl
CF ₃	H	OH	O	6-N-acetyl-2-amino-8-methyladenine	F	O-acyl
CF ₃	H	OH	O	2-N-acetylamino-8-methyladenine	F	O-acyl

TABLE 6-continued

R ⁶	R ⁷	R ⁸	X	Base	R ¹⁰	R ⁹
CF ₃	H	OH	O	2-N-acetylamino-8-methylhypoxanthine	F	O-acyl
CF ₃	H	OH	O	6-Methylthymine	Br	O-amino acid
CF ₃	H	OH	O	6-Methyluracil	Br	O-amino acid
CF ₃	H	OH	O	8-Methylguanine	Br	O-amino acid
CF ₃	H	OH	O	6-Methylcytosine	Br	O-amino acid
CF ₃	H	OH	O	8-Methyladenine	Br	O-amino acid
CF ₃	H	OH	O	8-Methylhypoxanthine	Br	O-amino acid
CF ₃	H	OH	O	5-Fluoro-6-Methyluracil	Br	O-amino acid
CF ₃	H	OH	O	5-Fluoro-6-Methylcytosine	Br	O-amino acid
CF ₃	H	OH	O	2-Fluoro-8-methyladenine	Br	O-amino acid
CF ₃	H	OH	O	2-Fluoro-8-methylhypoxanthine	Br	O-amino acid
CF ₃	H	OH	O	2-Amino-8-methyladenine	Br	O-amino acid
CF ₃	H	OH	O	2-Amino-8-methylhypoxanthine	Br	O-amino acid
CF ₃	H	OH	O	2-N-acetyl-8-methylguanine	Br	O-amino acid
CF ₃	H	OH	O	4-N-acetyl-8-methylcytosine	Br	O-amino acid
CF ₃	H	OH	O	6-N-acetyl-8-methyladenine	Br	O-amino acid
CF ₃	H	OH	O	4-N-acetyl-5-fluoro-8-methylcytosine	Br	O-amino acid
CF ₃	H	OH	O	6-N-acetyl-2-fluoro-8-methyladenine	Br	O-amino acid
CF ₃	H	OH	O	6-N-acetyl-2-amino-8-methyladenine	Br	O-amino acid
CF ₃	H	OH	O	2-N-acetylamino-8-methyladenine	Br	O-amino acid
CF ₃	H	OH	O	2-N-acetylamino-8-methylhypoxanthine	Br	O-amino acid
CF ₃	H	OH	O	6-Methylthymine	Br	O-acyl
CF ₃	H	OH	O	6-Methyluracil	Br	O-acyl
CF ₃	H	OH	O	8-Methylguanine	Br	O-acyl
CF ₃	H	OH	O	6-Methylcytosine	Br	O-acyl
CF ₃	H	OH	O	8-Methyladenine	Br	O-acyl
CF ₃	H	OH	O	8-Methylhypoxanthine	Br	O-acyl
CF ₃	H	OH	O	5-Fluoro-6-Methyluracil	Br	O-acyl
CF ₃	H	OH	O	5-Fluoro-6-Methylcytosine	Br	O-acyl
CF ₃	H	OH	O	2-Fluoro-8-methyladenine	Br	O-acyl
CF ₃	H	OH	O	2-Fluoro-8-methylhypoxanthine	Br	O-acyl
CF ₃	H	OH	O	2-Amino-8-methyladenine	Br	O-acyl
CF ₃	H	OH	O	2-Amino-8-methylhypoxanthine	Br	O-acyl
CF ₃	H	OH	O	2-N-acetyl-8-methylguanine	Br	O-acyl
CF ₃	H	OH	O	4-N-acetyl-8-methylcytosine	Br	O-acyl
CF ₃	H	OH	O	6-N-acetyl-8-methyladenine	Br	O-acyl
CF ₃	H	OH	O	4-N-acetyl-5-fluoro-8-methylcytosine	Br	O-acyl
CF ₃	H	OH	O	6-N-acetyl-2-fluoro-8-methyladenine	Br	O-acyl
CF ₃	H	OH	O	6-N-acetyl-2-amino-8-methyladenine	Br	O-acyl
CF ₃	H	OH	O	2-N-acetylamino-8-methyladenine	Br	O-acyl
CF ₃	H	OH	O	2-N-acetylamino-8-methylhypoxanthine	Br	O-acyl
CF ₃	H	OH	O	6-Methylthymine	Cl	O-amino acid
CF ₃	H	OH	O	6-Methyluracil	Cl	O-amino acid
CF ₃	H	OH	O	8-Methylguanine	Cl	O-amino acid
CF ₃	H	OH	O	6-Methylcytosine	Cl	O-amino acid
CF ₃	H	OH	O	8-Methyladenine	Cl	O-amino acid
CF ₃	H	OH	O	8-Methylhypoxanthine	Cl	O-amino acid
CF ₃	H	OH	O	5-Fluoro-6-Methyluracil	Cl	O-amino acid
CF ₃	H	OH	O	5-Fluoro-6-Methylcytosine	Cl	O-amino acid
CF ₃	H	OH	O	2-Fluoro-8-methyladenine	Cl	O-amino acid
CF ₃	H	OH	O	2-Fluoro-8-methylhypoxanthine	Cl	O-amino acid
CF ₃	H	OH	O	2-Amino-8-methyladenine	Cl	O-amino acid
CF ₃	H	OH	O	2-Amino-8-methylhypoxanthine	Cl	O-amino acid
CF ₃	H	OH	O	2-N-acetyl-8-methylguanine	Cl	O-amino acid
CF ₃	H	OH	O	4-N-acetyl-8-methylcytosine	Cl	O-amino acid
CF ₃	H	OH	O	6-N-acetyl-8-methyladenine	Cl	O-amino acid
CF ₃	H	OH	O	4-N-acetyl-5-fluoro-8-methylcytosine	Cl	O-amino acid
CF ₃	H	OH	O	6-N-acetyl-2-fluoro-8-methyladenine	Cl	O-amino acid
CF ₃	H	OH	O	6-N-acetyl-2-amino-8-methyladenine	Cl	O-amino acid
CF ₃	H	OH	O	2-N-acetylamino-8-methyladenine	Cl	O-amino acid
CF ₃	H	OH	O	2-N-acetylamino-8-methylhypoxanthine	Cl	O-amino acid
CF ₃	H	OH	O	6-Methylthymine	Cl	O-acyl
CF ₃	H	OH	O	6-Methyluracil	Cl	O-acyl
CF ₃	H	OH	O	8-Methylguanine	Cl	O-acyl
CF ₃	H	OH	O	6-Methylcytosine	Cl	O-acyl
CF ₃	H	OH	O	8-Methyladenine	Cl	O-acyl
CF ₃	H	OH	O	8-Methylhypoxanthine	Cl	O-acyl
CF ₃	H	OH	O	5-Fluoro-6-Methyluracil	Cl	O-acyl
CF ₃	H	OH	O	5-Fluoro-6-Methylcytosine	Cl	O-acyl
CF ₃	H	OH	O	2-Fluoro-8-methyladenine	Cl	O-acyl
CF ₃	H	OH	O	2-Fluoro-8-methylhypoxanthine	Cl	O-acyl
CF ₃	H	OH	O	2-Amino-8-methyladenine	Cl	O-acyl
CF ₃	H	OH	O	2-Amino-8-methylhypoxanthine	Cl	O-acyl

TABLE 6-continued

R ⁶	R ⁷	R ⁸	X	Base	R ¹⁰	R ⁹
CF ₃	H	OH	O	2-N-acetyl-8-methylguanine	Cl	O-acyl
CF ₃	H	OH	O	4-N-acetyl-8-methylcytosine	Cl	O-acyl
CF ₃	H	OH	O	6-N-acetyl-8-methyladenine	Cl	O-acyl
CF ₃	H	OH	O	4-N-acetyl-5-fluoro-8-methylcytosine	Cl	O-acyl
CF ₃	H	OH	O	6-N-acetyl-2-fluoro-8-methyladenine	Cl	O-acyl
CF ₃	H	OH	O	6-N-acetyl-2-amino-8-methyladenine	Cl	O-acyl
CF ₃	H	OH	O	2-N-acetylamino-8-methyladenine	Cl	O-acyl
CF ₃	H	OH	O	2-N-acetylamino-8-methylhypoxanthine	Cl	O-acyl
CF ₃	H	OH	O	6-Methylthymine	H	O-amino acid
CF ₃	H	OH	O	6-Methyluracil	H	O-amino acid
CF ₃	H	OH	O	8-Methylguanine	H	O-amino acid
CF ₃	H	OH	O	6-Methylcytosine	H	O-amino acid
CF ₃	H	OH	O	8-Methyladenine	H	O-amino acid
CF ₃	H	OH	O	8-Methylhypoxanthine	H	O-amino acid
CF ₃	H	OH	O	5-Fluoro-6-Methyluracil	H	O-amino acid
CF ₃	H	OH	O	5-Fluoro-6-Methylcytosine	H	O-amino acid
CF ₃	H	OH	O	2-Fluoro-8-methyladenine	H	O-amino acid
CF ₃	H	OH	O	2-Fluoro-8-methylhypoxanthine	H	O-amino acid
CF ₃	H	OH	O	2-Amino-8-methyladenine	H	O-amino acid
CF ₃	H	OH	O	2-Amino-8-methylhypoxanthine	H	O-amino acid
CF ₃	H	OH	O	2-N-acetyl-8-methylguanine	H	O-amino acid
CF ₃	H	OH	O	4-N-acetyl-8-methylcytosine	H	O-amino acid
CF ₃	H	OH	O	6-N-acetyl-8-methyladenine	H	O-amino acid
CF ₃	H	OH	O	4-N-acetyl-5-fluoro-8-methylcytosine	H	O-amino acid
CF ₃	H	OH	O	6-N-acetyl-2-fluoro-8-methyladenine	H	O-amino acid
CF ₃	H	OH	O	6-N-acetyl-2-amino-8-methyladenine	H	O-amino acid
CF ₃	H	OH	O	2-N-acetylamino-8-methyladenine	H	O-amino acid
CF ₃	H	OH	O	2-N-acetylamino-8-methylhypoxanthine	H	O-amino acid
CF ₃	H	OH	O	6-Methylthymine	H	O-acyl
CF ₃	H	OH	O	6-Methyluracil	H	O-acyl
CF ₃	H	OH	O	8-Methylguanine	H	O-acyl
CF ₃	H	OH	O	6-Methylcytosine	H	O-acyl
CF ₃	H	OH	O	8-Methyladenine	H	O-acyl
CF ₃	H	OH	O	8-Methylhypoxanthine	H	O-acyl
CF ₃	H	OH	O	5-Fluoro-6-Methyluracil	H	O-acyl
CF ₃	H	OH	O	5-Fluoro-6-Methylcytosine	H	O-acyl
CF ₃	H	OH	O	2-Fluoro-8-methyladenine	H	O-acyl
CF ₃	H	OH	O	2-Fluoro-8-methylhypoxanthine	H	O-acyl
CF ₃	H	OH	O	2-Amino-8-methyladenine	H	O-acyl
CF ₃	H	OH	O	2-Amino-8-methylhypoxanthine	H	O-acyl
CF ₃	H	OH	O	2-N-acetyl-8-methylguanine	H	O-acyl
CF ₃	H	OH	O	4-N-acetyl-8-methylcytosine	H	O-acyl
CF ₃	H	OH	O	6-N-acetyl-8-methyladenine	H	O-acyl
CF ₃	H	OH	O	4-N-acetyl-5-fluoro-8-methylcytosine	H	O-acyl
CF ₃	H	OH	O	6-N-acetyl-2-fluoro-8-methyladenine	H	O-acyl
CF ₃	H	OH	O	6-N-acetyl-2-amino-8-methyladenine	H	O-acyl
CF ₃	H	OH	O	2-N-acetylamino-8-methyladenine	H	O-acyl
CF ₃	H	OH	O	2-N-acetylamino-8-methylhypoxanthine	H	O-acyl
CF ₃	O-acyl	F	S	6-Methylthymine	F	H
CF ₃	O-acyl	F	S	6-Methyluracil	F	H
CF ₃	O-acyl	F	S	8-Methylguanine	F	H
CF ₃	O-acyl	F	S	6-Methylcytosine	F	H
CF ₃	O-acyl	F	S	8-Methyladenine	F	H
CF ₃	O-acyl	F	S	8-Methylhypoxanthine	F	H
CF ₃	O-acyl	F	S	5-Fluoro-6-Methyluracil	F	H
CF ₃	O-acyl	F	S	5-Fluoro-6-Methylcytosine	F	H
CF ₃	O-acyl	F	S	2-Fluoro-8-methyladenine	F	H
CF ₃	O-acyl	F	S	2-Fluoro-8-methylhypoxanthine	F	H
CF ₃	O-acyl	F	S	2-Amino-8-methyladenine	F	H
CF ₃	O-acyl	F	S	2-Amino-8-methylhypoxanthine	F	H
CF ₃	O-acyl	F	S	2-N-acetyl-8-methylguanine	F	H
CF ₃	O-acyl	F	S	4-N-acetyl-8-methylcytosine	F	H
CF ₃	O-acyl	F	S	6-N-acetyl-8-methyladenine	F	H
CF ₃	O-acyl	F	S	4-N-acetyl-5-fluoro-8-methylcytosine	F	H
CF ₃	O-acyl	F	S	6-N-acetyl-2-fluoro-8-methyladenine	F	H
CF ₃	O-acyl	F	S	6-N-acetyl-2-amino-8-methyladenine	F	H
CF ₃	O-acyl	F	S	2-N-acetylamino-8-methyladenine	F	H
CF ₃	O-acyl	F	S	2-N-acetylamino-8-methylhypoxanthine	F	H
CF ₃	O-acyl	F	S	6-Methylthymine	F	O-amino acid
CF ₃	O-acyl	F	S	6-Methyluracil	F	O-amino acid
CF ₃	O-acyl	F	S	8-Methylguanine	F	O-amino acid
CF ₃	O-acyl	F	S	6-Methylcytosine	F	O-amino acid
CF ₃	O-acyl	F	S	8-Methyladenine	F	O-amino acid

TABLE 6-continued

R ⁶	R ⁷	R ⁸	X	Base	R ¹⁰	R ⁹
CF ₃	O-acyl	F	S	8-Methylhypoxanthine	F	O-amino acid
CF ₃	O-acyl	F	S	5-Fluoro-6-Methyluracil	F	O-amino acid
CF ₃	O-acyl	F	S	5-Fluoro-6-Methylcytosine	F	O-amino acid
CF ₃	O-acyl	F	S	2-Fluoro-8-methyladenine	F	O-amino acid
CF ₃	O-acyl	F	S	2-Fluoro-8-methylhypoxanthine	F	O-amino acid
CF ₃	O-acyl	F	S	2-Amino-8-methyladenine	F	O-amino acid
CF ₃	O-acyl	F	S	2-Amino-8-methylhypoxanthine	F	O-amino acid
CF ₃	O-acyl	F	S	2-N-acetyl-8-methylguanine	F	O-amino acid
CF ₃	O-acyl	F	S	4-N-acetyl-8-methylcytosine	F	O-amino acid
CF ₃	O-acyl	F	S	6-N-acetyl-8-methyladenine	F	O-amino acid
CF ₃	O-acyl	F	S	4-N-acetyl-5-fluoro-8-methylcytosine	F	O-amino acid
CF ₃	O-acyl	F	S	6-N-acetyl-2-fluoro-8-methyladenine	F	O-amino acid
CF ₃	O-acyl	F	S	6-N-acetyl-2-amino-8-methyladenine	F	O-amino acid
CF ₃	O-acyl	F	S	2-N-acetylamino-8-methyladenine	F	O-amino acid
CF ₃	O-acyl	F	S	2-N-acetylamino-8-methylhypoxanthine	F	O-amino acid
CF ₃	O-acyl	F	S	6-Methylthymine	F	O-acyl
CF ₃	O-acyl	F	S	6-Methyluracil	F	O-acyl
CF ₃	O-acyl	F	S	8-Methylguanine	F	O-acyl
CF ₃	O-acyl	F	S	6-Methylcytosine	F	O-acyl
CF ₃	O-acyl	F	S	8-Methyladenine	F	O-acyl
CF ₃	O-acyl	F	S	8-Methylhypoxanthine	F	O-acyl
CF ₃	O-acyl	F	S	5-Fluoro-6-Methyluracil	F	O-acyl
CF ₃	O-acyl	F	S	5-Fluoro-6-Methylcytosine	F	O-acyl
CF ₃	O-acyl	F	S	2-Fluoro-8-methyladenine	F	O-acyl
CF ₃	O-acyl	F	S	2-Fluoro-8-methylhypoxanthine	F	O-acyl
CF ₃	O-acyl	F	S	2-Amino-8-methyladenine	F	O-acyl
CF ₃	O-acyl	F	S	2-Amino-8-methylhypoxanthine	F	O-acyl
CF ₃	O-acyl	F	S	2-N-acetyl-8-methylguanine	F	O-acyl
CF ₃	O-acyl	F	S	4-N-acetyl-8-methylcytosine	F	O-acyl
CF ₃	O-acyl	F	S	6-N-acetyl-8-methyladenine	F	O-acyl
CF ₃	O-acyl	F	S	4-N-acetyl-5-fluoro-8-methylcytosine	F	O-acyl
CF ₃	O-acyl	F	S	6-N-acetyl-2-fluoro-8-methyladenine	F	O-acyl
CF ₃	O-acyl	F	S	6-N-acetyl-2-amino-8-methyladenine	F	O-acyl
CF ₃	O-acyl	F	S	2-N-acetylamino-8-methyladenine	F	O-acyl
CF ₃	O-acyl	F	S	2-N-acetylamino-8-methylhypoxanthine	F	O-acyl
CF ₃	O-acyl	F	S	6-Methylthymine	F	OH
CF ₃	O-acyl	F	S	6-Methyluracil	F	OH
CF ₃	O-acyl	F	S	8-Methylguanine	F	OH
CF ₃	O-acyl	F	S	6-Methylcytosine	F	OH
CF ₃	O-acyl	F	S	8-Methyladenine	F	OH
CF ₃	O-acyl	F	S	8-Methylhypoxanthine	F	OH
CF ₃	O-acyl	F	S	5-Fluoro-6-Methyluracil	F	OH
CF ₃	O-acyl	F	S	5-Fluoro-6-Methylcytosine	F	OH
CF ₃	O-acyl	F	S	2-Fluoro-8-methyladenine	F	OH
CF ₃	O-acyl	F	S	2-Fluoro-8-methylhypoxanthine	F	OH
CF ₃	O-acyl	F	S	2-Amino-8-methyladenine	F	OH
CF ₃	O-acyl	F	S	2-Amino-8-methylhypoxanthine	F	OH
CF ₃	O-acyl	F	S	2-N-acetyl-8-methylguanine	F	OH
CF ₃	O-acyl	F	S	4-N-acetyl-8-methylcytosine	F	OH
CF ₃	O-acyl	F	S	6-N-acetyl-8-methyladenine	F	OH
CF ₃	O-acyl	F	S	4-N-acetyl-5-fluoro-8-methylcytosine	F	OH
CF ₃	O-acyl	F	S	6-N-acetyl-2-fluoro-8-methyladenine	F	OH
CF ₃	O-acyl	F	S	6-N-acetyl-2-amino-8-methyladenine	F	OH
CF ₃	O-acyl	F	S	2-N-acetylamino-8-methyladenine	F	OH
CF ₃	O-acyl	F	S	2-N-acetylamino-8-methylhypoxanthine	F	OH
CF ₃	O-acyl	F	S	6-Methylthymine	Br	H
CF ₃	O-acyl	F	S	6-Methyluracil	Br	H
CF ₃	O-acyl	F	S	8-Methylguanine	Br	H
CF ₃	O-acyl	F	S	6-Methylcytosine	Br	H
CF ₃	O-acyl	F	S	8-Methyladenine	Br	H
CF ₃	O-acyl	F	S	8-Methylhypoxanthine	Br	H
CF ₃	O-acyl	F	S	5-Fluoro-6-Methyluracil	Br	H
CF ₃	O-acyl	F	S	5-Fluoro-6-Methylcytosine	Br	H
CF ₃	O-acyl	F	S	2-Fluoro-8-methyladenine	Br	H
CF ₃	O-acyl	F	S	2-Fluoro-8-methylhypoxanthine	Br	H
CF ₃	O-acyl	F	S	2-Amino-8-methyladenine	Br	H
CF ₃	O-acyl	F	S	2-Amino-8-methylhypoxanthine	Br	H
CF ₃	O-acyl	F	S	2-N-acetyl-8-methylguanine	Br	H
CF ₃	O-acyl	F	S	4-N-acetyl-8-methylcytosine	Br	H
CF ₃	O-acyl	F	S	6-N-acetyl-8-methyladenine	Br	H
CF ₃	O-acyl	F	S	4-N-acetyl-5-fluoro-8-methylcytosine	Br	H
CF ₃	O-acyl	F	S	6-N-acetyl-2-fluoro-8-methyladenine	Br	H
CF ₃	O-acyl	F	S	6-N-acetyl-2-amino-8-methyladenine	Br	H
CF ₃	O-acyl	F	S	2-N-acetylamino-8-methyladenine	Br	H

TABLE 6-continued

R ⁶	R ⁷	R ⁸	X	Base	R ¹⁰	R ⁹
CF ₃	O-acyl	F	S	2-N-acetylamino-8-methylhypoxanthine	Br	H
CF ₃	O-acyl	F	S	6-Methylthymine	Br	O-amino acid
CF ₃	O-acyl	F	S	6-Methyluracil	Br	O-amino acid
CF ₃	O-acyl	F	S	8-Methylguanine	Br	O-amino acid
CF ₃	O-acyl	F	S	6-Methylcytosine	Br	O-amino acid
CF ₃	O-acyl	F	S	8-Methyladenine	Br	O-amino acid
CF ₃	O-acyl	F	S	8-Methylhypoxanthine	Br	O-amino acid
CF ₃	O-acyl	F	S	5-Fluoro-6-Methyluracil	Br	O-amino acid
CF ₃	O-acyl	F	S	5-Fluoro-6-Methylcytosine	Br	O-amino acid
CF ₃	O-acyl	F	S	2-Fluoro-8-methyladenine	Br	O-amino acid
CF ₃	O-acyl	F	S	2-Fluoro-8-methylhypoxanthine	Br	O-amino acid
CF ₃	O-acyl	F	S	2-Amino-8-methyladenine	Br	O-amino acid
CF ₃	O-acyl	F	S	2-Amino-8-methylhypoxanthine	Br	O-amino acid
CF ₃	O-acyl	F	S	2-N-acetyl-8-methylguanine	Br	O-amino acid
CF ₃	O-acyl	F	S	4-N-acetyl-8-methylcytosine	Br	O-amino acid
CF ₃	O-acyl	F	S	6-N-acetyl-8-methyladenine	Br	O-amino acid
CF ₃	O-acyl	F	S	4-N-acetyl-5-fluoro-8-methylcytosine	Br	O-amino acid
CF ₃	O-acyl	F	S	6-N-acetyl-2-fluoro-8-methyladenine	Br	O-amino acid
CF ₃	O-acyl	F	S	6-N-acetyl-2-amino-8-methyladenine	Br	O-amino acid
CF ₃	O-acyl	F	S	2-N-acetylamino-8-methyladenine	Br	O-amino acid
CF ₃	O-acyl	F	S	2-N-acetylamino-8-methylhypoxanthine	Br	O-amino acid
CF ₃	O-acyl	F	S	6-Methylthymine	Br	O-acyl
CF ₃	O-acyl	F	S	6-Methyluracil	Br	O-acyl
CF ₃	O-acyl	F	S	8-Methylguanine	Br	O-acyl
CF ₃	O-acyl	F	S	6-Methylcytosine	Br	O-acyl
CF ₃	O-acyl	F	S	8-Methyladenine	Br	O-acyl
CF ₃	O-acyl	F	S	8-Methylhypoxanthine	Br	O-acyl
CF ₃	O-acyl	F	S	5-Fluoro-6-Methyluracil	Br	O-acyl
CF ₃	O-acyl	F	S	5-Fluoro-6-Methylcytosine	Br	O-acyl
CF ₃	O-acyl	F	S	2-Fluoro-8-methyladenine	Br	O-acyl
CF ₃	O-acyl	F	S	2-Fluoro-8-methylhypoxanthine	Br	O-acyl
CF ₃	O-acyl	F	S	2-Amino-8-methyladenine	Br	O-acyl
CF ₃	O-acyl	F	S	2-Amino-8-methylhypoxanthine	Br	O-acyl
CF ₃	O-acyl	F	S	2-N-acetyl-8-methylguanine	Br	O-acyl
CF ₃	O-acyl	F	S	4-N-acetyl-8-methylcytosine	Br	O-acyl
CF ₃	O-acyl	F	S	6-N-acetyl-8-methyladenine	Br	O-acyl
CF ₃	O-acyl	F	S	4-N-acetyl-5-fluoro-8-methylcytosine	Br	O-acyl
CF ₃	O-acyl	F	S	6-N-acetyl-2-fluoro-8-methyladenine	Br	O-acyl
CF ₃	O-acyl	F	S	6-N-acetyl-2-amino-8-methyladenine	Br	O-acyl
CF ₃	O-acyl	F	S	2-N-acetylamino-8-methyladenine	Br	O-acyl
CF ₃	O-acyl	F	S	2-N-acetylamino-8-methylhypoxanthine	Br	O-acyl
CF ₃	O-acyl	F	S	6-Methylthymine	Br	OH
CF ₃	O-acyl	F	S	6-Methyluracil	Br	OH
CF ₃	O-acyl	F	S	8-Methylguanine	Br	OH
CF ₃	O-acyl	F	S	6-Methylcytosine	Br	OH
CF ₃	O-acyl	F	S	8-Methyladenine	Br	OH
CF ₃	O-acyl	F	S	8-Methylhypoxanthine	Br	OH
CF ₃	O-acyl	F	S	5-Fluoro-6-Methyluracil	Br	OH
CF ₃	O-acyl	F	S	5-Fluoro-6-Methylcytosine	Br	OH
CF ₃	O-acyl	F	S	2-Fluoro-8-methyladenine	Br	OH
CF ₃	O-acyl	F	S	2-Fluoro-8-methylhypoxanthine	Br	OH
CF ₃	O-acyl	F	S	2-Amino-8-methyladenine	Br	OH
CF ₃	O-acyl	F	S	2-Amino-8-methylhypoxanthine	Br	OH
CF ₃	O-acyl	F	S	2-N-acetyl-8-methylguanine	Br	OH
CF ₃	O-acyl	F	S	4-N-acetyl-8-methylcytosine	Br	OH
CF ₃	O-acyl	F	S	6-N-acetyl-8-methyladenine	Br	OH
CF ₃	O-acyl	F	S	4-N-acetyl-5-fluoro-8-methylcytosine	Br	OH
CF ₃	O-acyl	F	S	6-N-acetyl-2-fluoro-8-methyladenine	Br	OH
CF ₃	O-acyl	F	S	6-N-acetyl-2-amino-8-methyladenine	Br	OH
CF ₃	O-acyl	F	S	2-N-acetylamino-8-methyladenine	Br	OH
CF ₃	O-acyl	F	S	2-N-acetylamino-8-methylhypoxanthine	Br	OH
CF ₃	O-acyl	F	S	6-Methylthymine	Cl	O-acyl
CF ₃	O-acyl	F	S	6-Methyluracil	Cl	O-acyl
CF ₃	O-acyl	F	S	8-Methylguanine	Cl	O-acyl
CF ₃	O-acyl	F	S	6-Methylcytosine	Cl	O-acyl
CF ₃	O-acyl	F	S	8-Methyladenine	Cl	O-acyl
CF ₃	O-acyl	F	S	8-Methylhypoxanthine	Cl	O-acyl
CF ₃	O-acyl	F	S	5-Fluoro-6-Methyluracil	Cl	O-acyl
CF ₃	O-acyl	F	S	5-Fluoro-6-Methylcytosine	Cl	O-acyl
CF ₃	O-acyl	F	S	2-Fluoro-8-methyladenine	Cl	O-acyl
CF ₃	O-acyl	F	S	2-Fluoro-8-methylhypoxanthine	Cl	O-acyl
CF ₃	O-acyl	F	S	2-Amino-8-methyladenine	Cl	O-acyl
CF ₃	O-acyl	F	S	2-Amino-8-methylhypoxanthine	Cl	O-acyl

TABLE 6-continued

R ⁶	R ⁷	R ⁸	X	Base	R ¹⁰	R ⁹
CF ₃	O-acyl	F	S	2-N-acetyl-8-methylguanine	Cl	O-acyl
CF ₃	O-acyl	F	S	4-N-acetyl-8-methylcytosine	Cl	O-acyl
CF ₃	O-acyl	F	S	6-N-acetyl-8-methyladenine	Cl	O-acyl
CF ₃	O-acyl	F	S	4-N-acetyl-5-fluoro-8-methylcytosine	Cl	O-acyl
CF ₃	O-acyl	F	S	6-N-acetyl-2-fluoro-8-methyladenine	Cl	O-acyl
CF ₃	O-acyl	F	S	6-N-acetyl-2-amino-8-methyladenine	Cl	O-acyl
CF ₃	O-acyl	F	S	2-N-acetylamino-8-methyladenine	Cl	O-acyl
CF ₃	O-acyl	F	S	2-N-acetylamino-8-methylhypoxanthine	Cl	O-acyl
CF ₃	O-acyl	F	S	6-Methylthymine	Cl	OH
CF ₃	O-acyl	F	S	6-Methyluracil	Cl	OH
CF ₃	O-acyl	F	S	8-Methylguanine	Cl	OH
CF ₃	O-acyl	F	S	6-Methylcytosine	Cl	OH
CF ₃	O-acyl	F	S	8-Methyladenine	Cl	OH
CF ₃	O-acyl	F	S	8-Methylhypoxanthine	Cl	OH
CF ₃	O-acyl	F	S	5-Fluoro-6-Methyluracil	Cl	OH
CF ₃	O-acyl	F	S	5-Fluoro-6-Methylcytosine	Cl	OH
CF ₃	O-acyl	F	S	2-Fluoro-8-methyladenine	Cl	OH
CF ₃	O-acyl	F	S	2-Fluoro-8-methylhypoxanthine	Cl	OH
CF ₃	O-acyl	F	S	2-Amino-8-methyladenine	Cl	OH
CF ₃	O-acyl	F	S	2-Amino-8-methylhypoxanthine	Cl	OH
CF ₃	O-acyl	F	S	2-N-acetyl-8-methylguanine	Cl	OH
CF ₃	O-acyl	F	S	4-N-acetyl-8-methylcytosine	Cl	OH
CF ₃	O-acyl	F	S	6-N-acetyl-8-methyladenine	Cl	OH
CF ₃	O-acyl	F	S	4-N-acetyl-5-fluoro-8-methylcytosine	Cl	OH
CF ₃	O-acyl	F	S	6-N-acetyl-2-fluoro-8-methyladenine	Cl	OH
CF ₃	O-acyl	F	S	6-N-acetyl-2-amino-8-methyladenine	Cl	OH
CF ₃	O-acyl	F	S	2-N-acetylamino-8-methyladenine	Cl	OH
CF ₃	O-acyl	F	S	2-N-acetylamino-8-methylhypoxanthine	Cl	OH
CF ₃	O-acyl	F	S	6-Methylthymine	Cl	H
CF ₃	O-acyl	F	S	6-Methyluracil	Cl	H
CF ₃	O-acyl	F	S	8-Methylguanine	Cl	H
CF ₃	O-acyl	F	S	6-Methylcytosine	Cl	H
CF ₃	O-acyl	F	S	8-Methyladenine	Cl	H
CF ₃	O-acyl	F	S	8-Methylhypoxanthine	Cl	H
CF ₃	O-acyl	F	S	5-Fluoro-6-Methyluracil	Cl	H
CF ₃	O-acyl	F	S	5-Fluoro-6-Methylcytosine	Cl	H
CF ₃	O-acyl	F	S	2-Fluoro-8-methyladenine	Cl	H
CF ₃	O-acyl	F	S	2-Fluoro-8-methylhypoxanthine	Cl	H
CF ₃	O-acyl	F	S	2-Amino-8-methyladenine	Cl	H
CF ₃	O-acyl	F	S	2-Amino-8-methylhypoxanthine	Cl	H
CF ₃	O-acyl	F	S	2-N-acetyl-8-methylguanine	Cl	H
CF ₃	O-acyl	F	S	6-Methylthymine	Cl	O-amino acid
CF ₃	O-acyl	F	S	6-Methyluracil	Cl	O-amino acid
CF ₃	O-acyl	F	S	8-Methylguanine	Cl	O-amino acid
CF ₃	O-acyl	F	S	6-Methylcytosine	Cl	O-amino acid
CF ₃	O-acyl	F	S	8-Methyladenine	Cl	O-amino acid
CF ₃	O-acyl	F	S	8-Methylhypoxanthine	Cl	O-amino acid
CF ₃	O-acyl	F	S	5-Fluoro-6-Methyluracil	Cl	O-amino acid
CF ₃	O-acyl	F	S	5-Fluoro-6-Methylcytosine	Cl	O-amino acid
CF ₃	O-acyl	F	S	2-Fluoro-8-methyladenine	Cl	O-amino acid
CF ₃	O-acyl	F	S	2-Fluoro-8-methylhypoxanthine	Cl	O-amino acid
CF ₃	O-acyl	F	S	2-Amino-8-methyladenine	Cl	O-amino acid
CF ₃	O-acyl	F	S	2-Amino-8-methylhypoxanthine	Cl	O-amino acid
CF ₃	O-acyl	F	S	2-N-acetyl-8-methylguanine	Cl	O-amino acid
CF ₃	O-acyl	F	S	4-N-acetyl-8-methylcytosine	Cl	O-amino acid
CF ₃	O-acyl	F	S	6-N-acetyl-8-methyladenine	Cl	O-amino acid
CF ₃	O-acyl	F	S	4-N-acetyl-5-fluoro-8-methylcytosine	Cl	O-amino acid
CF ₃	O-acyl	F	S	6-N-acetyl-2-fluoro-8-methyladenine	Cl	O-amino acid
CF ₃	O-acyl	F	S	6-N-acetyl-2-amino-8-methyladenine	Cl	O-amino acid
CF ₃	O-acyl	F	S	2-N-acetylamino-8-methyladenine	Cl	O-amino acid
CF ₃	O-acyl	F	S	2-N-acetylamino-8-methylhypoxanthine	Cl	O-amino acid
CF ₃	O-acyl	F	S	6-Methylthymine	H	H
CF ₃	O-acyl	F	S	6-Methyluracil	H	H
CF ₃	O-acyl	F	S	8-Methylguanine	H	H
CF ₃	O-acyl	F	S	6-Methylcytosine	H	H
CF ₃	O-acyl	F	S	8-Methyladenine	H	H
CF ₃	O-acyl	F	S	8-Methylhypoxanthine	H	H
CF ₃	O-acyl	F	S	5-Fluoro-6-Methyluracil	H	H
CF ₃	O-acyl	F	S	5-Fluoro-6-Methylcytosine	H	H
CF ₃	O-acyl	F	S	2-Fluoro-8-methyladenine	H	H
CF ₃	O-acyl	F	S	2-Fluoro-8-methylhypoxanthine	H	H
CF ₃	O-acyl	F	S	2-Amino-8-methyladenine	H	H
CF ₃	O-acyl	F	S	2-Amino-8-methylhypoxanthine	H	H
CF ₃	O-acyl	F	S	2-N-acetyl-8-methylguanine	H	H

TABLE 6-continued

R ⁶	R ⁷	R ⁸	X	Base	R ¹⁰	R ⁹
CF ₃	O-acyl	F	S	4-N-acetyl-8-methylcytosine	H	H
CF ₃	O-acyl	F	S	6-N-acetyl-8-methyladenine	H	H
CF ₃	O-acyl	F	S	4-N-acetyl-5-fluoro-8-methylcytosine	H	H
CF ₃	O-acyl	F	S	6-N-acetyl-2-fluoro-8-methyladenine	H	H
CF ₃	O-acyl	F	S	6-N-acetyl-2-amino-8-methyladenine	H	H
CF ₃	O-acyl	F	S	2-N-acetylamino-8-methyladenine	H	H
CF ₃	O-acyl	F	S	2-N-acetylamino-8-methylhypoxanthine	H	H
CF ₃	O-acyl	F	S	6-Methylthymine	H	O-amino acid
CF ₃	O-acyl	F	S	6-Methyluracil	H	O-amino acid
CF ₃	O-acyl	F	S	8-Methylguanine	H	O-amino acid
CF ₃	O-acyl	F	S	6-Methylcytosine	H	O-amino acid
CF ₃	O-acyl	F	S	8-Methyladenine	H	O-amino acid
CF ₃	O-acyl	F	S	8-Methylhypoxanthine	H	O-amino acid
CF ₃	O-acyl	F	S	5-Fluoro-6-Methyluracil	H	O-amino acid
CF ₃	O-acyl	F	S	5-Fluoro-6-Methylcytosine	H	O-amino acid
CF ₃	O-acyl	F	S	2-Fluoro-8-methyladenine	H	O-amino acid
CF ₃	O-acyl	F	S	2-Fluoro-8-methylhypoxanthine	H	O-amino acid
CF ₃	O-acyl	F	S	2-Amino-8-methyladenine	H	O-amino acid
CF ₃	O-acyl	F	S	2-Amino-8-methylhypoxanthine	H	O-amino acid
CF ₃	O-acyl	F	S	2-N-acetyl-8-methylguanine	H	O-amino acid
CF ₃	O-acyl	F	S	4-N-acetyl-8-methylcytosine	H	O-amino acid
CF ₃	O-acyl	F	S	6-N-acetyl-8-methyladenine	H	O-amino acid
CF ₃	O-acyl	F	S	4-N-acetyl-5-fluoro-8-methylcytosine	H	O-amino acid
CF ₃	O-acyl	F	S	6-N-acetyl-2-fluoro-8-methyladenine	H	O-amino acid
CF ₃	O-acyl	F	S	6-N-acetyl-2-amino-8-methyladenine	H	O-amino acid
CF ₃	O-acyl	F	S	2-N-acetylamino-8-methyladenine	H	O-amino acid
CF ₃	O-acyl	F	S	2-N-acetylamino-8-methylhypoxanthine	H	O-amino acid
CF ₃	O-acyl	F	S	6-Methylthymine	H	O-acyl
CF ₃	O-acyl	F	S	6-Methyluracil	H	O-acyl
CF ₃	O-acyl	F	S	8-Methylguanine	H	O-acyl
CF ₃	O-acyl	F	S	6-Methylcytosine	H	O-acyl
CF ₃	O-acyl	F	S	8-Methyladenine	H	O-acyl
CF ₃	O-acyl	F	S	8-Methylhypoxanthine	H	O-acyl
CF ₃	O-acyl	F	S	5-Fluoro-6-Methyluracil	H	O-acyl
CF ₃	O-acyl	F	S	5-Fluoro-6-Methylcytosine	H	O-acyl
CF ₃	O-acyl	F	S	2-Fluoro-8-methyladenine	H	O-acyl
CF ₃	O-acyl	F	S	2-Fluoro-8-methylhypoxanthine	H	O-acyl
CF ₃	O-acyl	F	S	2-Amino-8-methyladenine	H	O-acyl
CF ₃	O-acyl	F	S	2-Amino-8-methylhypoxanthine	H	O-acyl
CF ₃	O-acyl	F	S	2-N-acetyl-8-methylguanine	H	O-acyl
CF ₃	O-acyl	F	S	4-N-acetyl-8-methylcytosine	H	O-acyl
CF ₃	O-acyl	F	S	6-N-acetyl-8-methyladenine	H	O-acyl
CF ₃	O-acyl	F	S	4-N-acetyl-5-fluoro-8-methylcytosine	H	O-acyl
CF ₃	O-acyl	F	S	6-N-acetyl-2-fluoro-8-methyladenine	H	O-acyl
CF ₃	O-acyl	F	S	6-N-acetyl-2-amino-8-methyladenine	H	O-acyl
CF ₃	O-acyl	F	S	2-N-acetylamino-8-methyladenine	H	O-acyl
CF ₃	O-acyl	F	S	2-N-acetylamino-8-methylhypoxanthine	H	O-acyl
CF ₃	O-acyl	F	S	6-Methylthymine	H	OH
CF ₃	O-acyl	F	S	6-Methyluracil	H	OH
CF ₃	O-acyl	F	S	8-Methylguanine	H	OH
CF ₃	O-acyl	F	S	6-Methylcytosine	H	OH
CF ₃	O-acyl	F	S	8-Methyladenine	H	OH
CF ₃	O-acyl	F	S	8-Methylhypoxanthine	H	OH
CF ₃	O-acyl	F	S	5-Fluoro-6-Methyluracil	H	OH
CF ₃	O-acyl	F	S	5-Fluoro-6-Methylcytosine	H	OH
CF ₃	O-acyl	F	S	2-Fluoro-8-methyladenine	H	OH
CF ₃	O-acyl	F	S	2-Fluoro-8-methylhypoxanthine	H	OH
CF ₃	O-acyl	F	S	2-Amino-8-methyladenine	H	OH
CF ₃	O-acyl	F	S	2-Amino-8-methylhypoxanthine	H	OH
CF ₃	O-acyl	F	S	2-N-acetyl-8-methylguanine	H	OH
CF ₃	O-acyl	F	S	4-N-acetyl-8-methylcytosine	H	OH
CF ₃	O-acyl	F	S	6-N-acetyl-8-methyladenine	H	OH
CF ₃	O-acyl	F	S	4-N-acetyl-5-fluoro-8-methylcytosine	H	OH
CF ₃	O-acyl	F	S	6-N-acetyl-2-fluoro-8-methyladenine	H	OH
CF ₃	O-acyl	F	S	6-N-acetyl-2-amino-8-methyladenine	H	OH
CF ₃	O-acyl	F	S	2-N-acetylamino-8-methyladenine	H	OH
CF ₃	O-acyl	F	S	2-N-acetylamino-8-methylhypoxanthine	H	OH
CF ₃	O-acyl	F	S	6-Methylthymine	OH	H
CF ₃	O-acyl	F	S	6-Methyluracil	OH	H
CF ₃	O-acyl	F	S	8-Methylguanine	OH	H
CF ₃	O-acyl	F	S	6-Methylcytosine	OH	H
CF ₃	O-acyl	F	S	8-Methyladenine	OH	H
CF ₃	O-acyl	F	S	8-Methylhypoxanthine	OH	H

TABLE 6-continued

R ⁶	R ⁷	R ⁸	X	Base	R ¹⁰	R ⁹
CF ₃	O-acyl	F	S	5-Fluoro-6-Methyluracil	OH	H
CF ₃	O-acyl	F	S	5-Fluoro-6-Methylcytosine	OH	H
CF ₃	O-acyl	F	S	2-Fluoro-8-methyladenine	OH	H
CF ₃	O-acyl	F	S	2-Fluoro-8-methylhypoxanthine	OH	H
CF ₃	O-acyl	F	S	2-Amino-8-methyladenine	OH	H
CF ₃	O-acyl	F	S	2-Amino-8-methylhypoxanthine	OH	H
CF ₃	O-acyl	F	S	2-N-acetyl-8-methylguanine	OH	H
CF ₃	O-acyl	F	S	4-N-acetyl-8-methylcytosine	OH	H
CF ₃	O-acyl	F	S	6-N-acetyl-8-methyladenine	OH	H
CF ₃	O-acyl	F	S	4-N-acetyl-5-fluoro-8-methylcytosine	OH	H
CF ₃	O-acyl	F	S	6-N-acetyl-2-fluoro-8-methyladenine	OH	H
CF ₃	O-acyl	F	S	6-N-acetyl-2-amino-8-methyladenine	OH	H
CF ₃	O-acyl	F	S	2-N-acetylamino-8-methyladenine	OH	H
CF ₃	O-acyl	F	S	2-N-acetylamino-8-methylhypoxanthine	OH	H
CF ₃	O-acyl	Br	S	6-Methylthymine	F	H
CF ₃	O-acyl	Br	S	6-Methyluracil	F	H
CF ₃	O-acyl	Br	S	8-Methylguanine	F	H
CF ₃	O-acyl	Br	S	6-Methylcytosine	F	H
CF ₃	O-acyl	Br	S	8-Methyladenine	F	H
CF ₃	O-acyl	Br	S	8-Methylhypoxanthine	F	H
CF ₃	O-acyl	Br	S	5-Fluoro-6-Methyluracil	F	H
CF ₃	O-acyl	Br	S	5-Fluoro-6-Methylcytosine	F	H
CF ₃	O-acyl	Br	S	2-Fluoro-8-methyladenine	F	H
CF ₃	O-acyl	Br	S	2-Fluoro-8-methylhypoxanthine	F	H
CF ₃	O-acyl	Br	S	2-Amino-8-methyladenine	F	H
CF ₃	O-acyl	Br	S	2-Amino-8-methylhypoxanthine	F	H
CF ₃	O-acyl	Br	S	2-N-acetyl-8-methylguanine	F	H
CF ₃	O-acyl	Br	S	4-N-acetyl-8-methylcytosine	F	H
CF ₃	O-acyl	Br	S	6-N-acetyl-8-methyladenine	F	H
CF ₃	O-acyl	Br	S	4-N-acetyl-5-fluoro-8-methylcytosine	F	H
CF ₃	O-acyl	Br	S	6-N-acetyl-2-fluoro-8-methyladenine	F	H
CF ₃	O-acyl	Br	S	6-N-acetyl-2-amino-8-methyladenine	F	H
CF ₃	O-acyl	Br	S	2-N-acetylamino-8-methyladenine	F	H
CF ₃	O-acyl	Br	S	2-N-acetylamino-8-methylhypoxanthine	F	H
CF ₃	O-acyl	Br	S	6-Methylthymine	F	O-amino acid
CF ₃	O-acyl	Br	S	6-Methyluracil	F	O-amino acid
CF ₃	O-acyl	Br	S	8-Methylguanine	F	O-amino acid
CF ₃	O-acyl	Br	S	6-Methylcytosine	F	O-amino acid
CF ₃	O-acyl	Br	S	8-Methyladenine	F	O-amino acid
CF ₃	O-acyl	Br	S	8-Methylhypoxanthine	F	O-amino acid
CF ₃	O-acyl	Br	S	5-Fluoro-6-Methyluracil	F	O-amino acid
CF ₃	O-acyl	Br	S	5-Fluoro-6-Methylcytosine	F	O-amino acid
CF ₃	O-acyl	Br	S	2-Fluoro-8-methyladenine	F	O-amino acid
CF ₃	O-acyl	Br	S	2-Fluoro-8-methylhypoxanthine	F	O-amino acid
CF ₃	O-acyl	Br	S	2-Amino-8-methyladenine	F	O-amino acid
CF ₃	O-acyl	Br	S	2-Amino-8-methylhypoxanthine	F	O-amino acid
CF ₃	O-acyl	Br	S	2-N-acetyl-8-methylguanine	F	O-amino acid
CF ₃	O-acyl	Br	S	4-N-acetyl-8-methylcytosine	F	O-amino acid
CF ₃	O-acyl	Br	S	6-N-acetyl-8-methyladenine	F	O-amino acid
CF ₃	O-acyl	Br	S	4-N-acetyl-5-fluoro-8-methylcytosine	F	O-amino acid
CF ₃	O-acyl	Br	S	6-N-acetyl-2-fluoro-8-methyladenine	F	O-amino acid
CF ₃	O-acyl	Br	S	6-N-acetyl-2-amino-8-methyladenine	F	O-amino acid
CF ₃	O-acyl	Br	S	2-N-acetylamino-8-methyladenine	F	O-amino acid
CF ₃	O-acyl	Br	S	2-N-acetylamino-8-methylhypoxanthine	F	O-amino acid
CF ₃	O-acyl	Br	S	6-Methylthymine	F	O-acyl
CF ₃	O-acyl	Br	S	6-Methyluracil	F	O-acyl
CF ₃	O-acyl	Br	S	8-Methylguanine	F	O-acyl
CF ₃	O-acyl	Br	S	6-Methylcytosine	F	O-acyl
CF ₃	O-acyl	Br	S	8-Methyladenine	F	O-acyl
CF ₃	O-acyl	Br	S	8-Methylhypoxanthine	F	O-acyl
CF ₃	O-acyl	Br	S	5-Fluoro-6-Methyluracil	F	O-acyl
CF ₃	O-acyl	Br	S	5-Fluoro-6-Methylcytosine	F	O-acyl
CF ₃	O-acyl	Br	S	2-Fluoro-8-methyladenine	F	O-acyl
CF ₃	O-acyl	Br	S	2-Fluoro-8-methylhypoxanthine	F	O-acyl
CF ₃	O-acyl	Br	S	2-Amino-8-methyladenine	F	O-acyl
CF ₃	O-acyl	Br	S	2-Amino-8-methylhypoxanthine	F	O-acyl
CF ₃	O-acyl	Br	S	2-N-acetyl-8-methylguanine	F	O-acyl
CF ₃	O-acyl	Br	S	4-N-acetyl-8-methylcytosine	F	O-acyl
CF ₃	O-acyl	Br	S	6-N-acetyl-8-methyladenine	F	O-acyl
CF ₃	O-acyl	Br	S	4-N-acetyl-5-fluoro-8-methylcytosine	F	O-acyl
CF ₃	O-acyl	Br	S	6-N-acetyl-2-fluoro-8-methyladenine	F	O-acyl
CF ₃	O-acyl	Br	S	6-N-acetyl-2-amino-8-methyladenine	F	O-acyl
CF ₃	O-acyl	Br	S	2-N-acetylamino-8-methyladenine	F	O-acyl
CF ₃	O-acyl	Br	S	2-N-acetylamino-8-methylhypoxanthine	F	O-acyl

TABLE 6-continued

R ⁶	R ⁷	R ⁸	X	Base	R ¹⁰	R ⁹
CF ₃	O-acyl	Br	S	2-N-acetylamino-8-methylhypoxanthine	F	O-acyl
CF ₃	O-acyl	Br	S	6-Methylthymine	F	OH
CF ₃	O-acyl	Br	S	6-Methyluracil	F	OH
CF ₃	O-acyl	Br	S	8-Methylguanine	F	OH
CF ₃	O-acyl	Br	S	6-Methylcytosine	F	OH
CF ₃	O-acyl	Br	S	8-Methyladenine	F	OH
CF ₃	O-acyl	Br	S	8-Methylhypoxanthine	F	OH
CF ₃	O-acyl	Br	S	5-Fluoro-6-Methyluracil	F	OH
CF ₃	O-acyl	Br	S	5-Fluoro-6-Methylcytosine	F	OH
CF ₃	O-acyl	Br	S	2-Fluoro-8-methyladenine	F	OH
CF ₃	O-acyl	Br	S	2-Fluoro-8-methylhypoxanthine	F	OH
CF ₃	O-acyl	Br	S	2-Amino-8-methyladenine	F	OH
CF ₃	O-acyl	Br	S	2-Amino-8-methylhypoxanthine	F	OH
CF ₃	O-acyl	Br	S	2-N-acetyl-8-methylguanine	F	OH
CF ₃	O-acyl	Br	S	4-N-acetyl-8-methylcytosine	F	OH
CF ₃	O-acyl	Br	S	6-N-acetyl-8-methyladenine	F	OH
CF ₃	O-acyl	Br	S	4-N-acetyl-5-fluoro-8-methylcytosine	F	OH
CF ₃	O-acyl	Br	S	6-N-acetyl-2-fluoro-8-methyladenine	F	OH
CF ₃	O-acyl	Br	S	6-N-acetyl-2-amino-8-methyladenine	F	OH
CF ₃	O-acyl	Br	S	2-N-acetylamino-8-methyladenine	F	OH
CF ₃	O-acyl	Br	S	2-N-acetylamino-8-methylhypoxanthine	F	OH
CF ₃	O-acyl	Br	S	6-Methylthymine	Br	H
CF ₃	O-acyl	Br	S	6-Methyluracil	Br	H
CF ₃	O-acyl	Br	S	8-Methylguanine	Br	H
CF ₃	O-acyl	Br	S	6-Methylcytosine	Br	H
CF ₃	O-acyl	Br	S	8-Methyladenine	Br	H
CF ₃	O-acyl	Br	S	8-Methylhypoxanthine	Br	H
CF ₃	O-acyl	Br	S	5-Fluoro-6-Methyluracil	Br	H
CF ₃	O-acyl	Br	S	5-Fluoro-6-Methylcytosine	Br	H
CF ₃	O-acyl	Br	S	2-Fluoro-8-methyladenine	Br	H
CF ₃	O-acyl	Br	S	2-Fluoro-8-methylhypoxanthine	Br	H
CF ₃	O-acyl	Br	S	2-Amino-8-methyladenine	Br	H
CF ₃	O-acyl	Br	S	2-Amino-8-methylhypoxanthine	Br	H
CF ₃	O-acyl	Br	S	2-N-acetyl-8-methylguanine	Br	H
CF ₃	O-acyl	Br	S	4-N-acetyl-8-methylcytosine	Br	H
CF ₃	O-acyl	Br	S	6-N-acetyl-8-methyladenine	Br	H
CF ₃	O-acyl	Br	S	4-N-acetyl-5-fluoro-8-methylcytosine	Br	H
CF ₃	O-acyl	Br	S	6-N-acetyl-2-fluoro-8-methyladenine	Br	H
CF ₃	O-acyl	Br	S	6-N-acetyl-2-amino-8-methyladenine	Br	H
CF ₃	O-acyl	Br	S	2-N-acetylamino-8-methyladenine	Br	H
CF ₃	O-acyl	Br	S	2-N-acetylamino-8-methylhypoxanthine	Br	H
CF ₃	O-acyl	Br	S	6-Methylthymine	Br	O-amino acid
CF ₃	O-acyl	Br	S	6-Methyluracil	Br	O-amino acid
CF ₃	O-acyl	Br	S	8-Methylguanine	Br	O-amino acid
CF ₃	O-acyl	Br	S	6-Methylcytosine	Br	O-amino acid
CF ₃	O-acyl	Br	S	8-Methyladenine	Br	O-amino acid
CF ₃	O-acyl	Br	S	8-Methylhypoxanthine	Br	O-amino acid
CF ₃	O-acyl	Br	S	5-Fluoro-6-Methyluracil	Br	O-amino acid
CF ₃	O-acyl	Br	S	5-Fluoro-6-Methylcytosine	Br	O-amino acid
CF ₃	O-acyl	Br	S	2-Fluoro-8-methyladenine	Br	O-amino acid
CF ₃	O-acyl	Br	S	2-Fluoro-8-methylhypoxanthine	Br	O-amino acid
CF ₃	O-acyl	Br	S	2-Amino-8-methyladenine	Br	O-amino acid
CF ₃	O-acyl	Br	S	2-Amino-8-methylhypoxanthine	Br	O-amino acid
CF ₃	O-acyl	Br	S	2-N-acetyl-8-methylguanine	Br	O-amino acid
CF ₃	O-acyl	Br	S	4-N-acetyl-8-methylcytosine	Br	O-amino acid
CF ₃	O-acyl	Br	S	6-N-acetyl-8-methyladenine	Br	O-amino acid
CF ₃	O-acyl	Br	S	4-N-acetyl-5-fluoro-8-methylcytosine	Br	O-amino acid
CF ₃	O-acyl	Br	S	6-N-acetyl-2-fluoro-8-methyladenine	Br	O-amino acid
CF ₃	O-acyl	Br	S	6-N-acetyl-2-amino-8-methyladenine	Br	O-amino acid
CF ₃	O-acyl	Br	S	2-N-acetylamino-8-methyladenine	Br	O-amino acid
CF ₃	O-acyl	Br	S	2-N-acetylamino-8-methylhypoxanthine	Br	O-amino acid
CF ₃	O-acyl	Br	S	6-Methylthymine	Br	O-acyl
CF ₃	O-acyl	Br	S	6-Methyluracil	Br	O-acyl
CF ₃	O-acyl	Br	S	8-Methylguanine	Br	O-acyl
CF ₃	O-acyl	Br	S	6-Methylcytosine	Br	O-acyl
CF ₃	O-acyl	Br	S	8-Methyladenine	Br	O-acyl
CF ₃	O-acyl	Br	S	8-Methylhypoxanthine	Br	O-acyl
CF ₃	O-acyl	Br	S	5-Fluoro-6-Methyluracil	Br	O-acyl
CF ₃	O-acyl	Br	S	5-Fluoro-6-Methylcytosine	Br	O-acyl
CF ₃	O-acyl	Br	S	2-Fluoro-8-methyladenine	Br	O-acyl
CF ₃	O-acyl	Br	S	2-Fluoro-8-methylhypoxanthine	Br	O-acyl
CF ₃	O-acyl	Br	S	2-Amino-8-methyladenine	Br	O-acyl
CF ₃	O-acyl	Br	S	2-Amino-8-methylhypoxanthine	Br	O-acyl

TABLE 6-continued

R ⁶	R ⁷	R ⁸	X	Base	R ¹⁰	R ⁹
CF ₃	O-acyl	Br	S	2-N-acetyl-8-methylguanine	Br	O-acyl
CF ₃	O-acyl	Br	S	4-N-acetyl-8-methylcytosine	Br	O-acyl
CF ₃	O-acyl	Br	S	6-N-acetyl-8-methyladenine	Br	O-acyl
CF ₃	O-acyl	Br	S	4-N-acetyl-5-fluoro-8-methylcytosine	Br	O-acyl
CF ₃	O-acyl	Br	S	6-N-acetyl-2-fluoro-8-methyladenine	Br	O-acyl
CF ₃	O-acyl	Br	S	6-N-acetyl-2-amino-8-methyladenine	Br	O-acyl
CF ₃	O-acyl	Br	S	2-N-acetylamino-8-methyladenine	Br	O-acyl
CF ₃	O-acyl	Br	S	2-N-acetylamino-8-methylhypoxanthine	Br	O-acyl
CF ₃	O-acyl	Br	S	6-Methylthymine	Br	OH
CF ₃	O-acyl	Br	S	6-Methyluracil	Br	OH
CF ₃	O-acyl	Br	S	8-Methylguanine	Br	OH
CF ₃	O-acyl	Br	S	6-Methylcytosine	Br	OH
CF ₃	O-acyl	Br	S	8-Methyladenine	Br	OH
CF ₃	O-acyl	Br	S	8-Methylhypoxanthine	Br	OH
CF ₃	O-acyl	Br	S	5-Fluoro-6-Methyluracil	Br	OH
CF ₃	O-acyl	Br	S	5-Fluoro-6-Methylcytosine	Br	OH
CF ₃	O-acyl	Br	S	2-Fluoro-8-methyladenine	Br	OH
CF ₃	O-acyl	Br	S	2-Fluoro-8-methylhypoxanthine	Br	OH
CF ₃	O-acyl	Br	S	2-Amino-8-methyladenine	Br	OH
CF ₃	O-acyl	Br	S	2-Amino-8-methylhypoxanthine	Br	OH
CF ₃	O-acyl	Br	S	2-N-acetyl-8-methylguanine	Br	OH
CF ₃	O-acyl	Br	S	4-N-acetyl-8-methylcytosine	Br	OH
CF ₃	O-acyl	Br	S	6-N-acetyl-8-methyladenine	Br	OH
CF ₃	O-acyl	Br	S	4-N-acetyl-5-fluoro-8-methylcytosine	Br	OH
CF ₃	O-acyl	Br	S	6-N-acetyl-2-fluoro-8-methyladenine	Br	OH
CF ₃	O-acyl	Br	S	6-N-acetyl-2-amino-8-methyladenine	Br	OH
CF ₃	O-acyl	Br	S	2-N-acetylamino-8-methyladenine	Br	OH
CF ₃	O-acyl	Br	S	2-N-acetylamino-8-methylhypoxanthine	Br	OH
CF ₃	O-acyl	Br	S	6-Methylthymine	Cl	H
CF ₃	O-acyl	Br	S	6-Methyluracil	Cl	H
CF ₃	O-acyl	Br	S	8-Methylguanine	Cl	H
CF ₃	O-acyl	Br	S	6-Methylcytosine	Cl	H
CF ₃	O-acyl	Br	S	8-Methyladenine	Cl	H
CF ₃	O-acyl	Br	S	8-Methylhypoxanthine	Cl	H
CF ₃	O-acyl	Br	S	5-Fluoro-6-Methyluracil	Cl	H
CF ₃	O-acyl	Br	S	5-Fluoro-6-Methylcytosine	Cl	H
CF ₃	O-acyl	Br	S	2-Fluoro-8-methyladenine	Cl	H
CF ₃	O-acyl	Br	S	2-Fluoro-8-methylhypoxanthine	Cl	H
CF ₃	O-acyl	Br	S	2-Amino-8-methyladenine	Cl	H
CF ₃	O-acyl	Br	S	2-Amino-8-methylhypoxanthine	Cl	H
CF ₃	O-acyl	Br	S	2-N-acetyl-8-methylguanine	Cl	H
CF ₃	O-acyl	Br	S	4-N-acetyl-8-methylcytosine	Cl	H
CF ₃	O-acyl	Br	S	6-N-acetyl-8-methyladenine	Cl	H
CF ₃	O-acyl	Br	S	4-N-acetyl-5-fluoro-8-methylcytosine	Cl	H
CF ₃	O-acyl	Br	S	6-N-acetyl-2-fluoro-8-methyladenine	Cl	H
CF ₃	O-acyl	Br	S	6-N-acetyl-2-amino-8-methyladenine	Cl	H
CF ₃	O-acyl	Br	S	2-N-acetylamino-8-methyladenine	Cl	H
CF ₃	O-acyl	Br	S	2-N-acetylamino-8-methylhypoxanthine	Cl	H
CF ₃	O-acyl	Br	S	6-Methylthymine	Cl	O-amino acid
CF ₃	O-acyl	Br	S	6-Methyluracil	Cl	O-amino acid
CF ₃	O-acyl	Br	S	8-Methylguanine	Cl	O-amino acid
CF ₃	O-acyl	Br	S	6-Methylcytosine	Cl	O-amino acid
CF ₃	O-acyl	Br	S	8-Methyladenine	Cl	O-amino acid
CF ₃	O-acyl	Br	S	8-Methylhypoxanthine	Cl	O-amino acid
CF ₃	O-acyl	Br	S	5-Fluoro-6-Methyluracil	Cl	O-amino acid
CF ₃	O-acyl	Br	S	5-Fluoro-6-Methylcytosine	Cl	O-amino acid
CF ₃	O-acyl	Br	S	2-Fluoro-8-methyladenine	Cl	O-amino acid
CF ₃	O-acyl	Br	S	2-Fluoro-8-methylhypoxanthine	Cl	O-amino acid
CF ₃	O-acyl	Br	S	2-Amino-8-methyladenine	Cl	O-amino acid
CF ₃	O-acyl	Br	S	2-Amino-8-methylhypoxanthine	Cl	O-amino acid
CF ₃	O-acyl	Br	S	2-N-acetyl-8-methylguanine	Cl	O-amino acid
CF ₃	O-acyl	Br	S	4-N-acetyl-8-methylcytosine	Cl	O-amino acid
CF ₃	O-acyl	Br	S	6-N-acetyl-8-methyladenine	Cl	O-amino acid
CF ₃	O-acyl	Br	S	4-N-acetyl-5-fluoro-8-methylcytosine	Cl	O-amino acid
CF ₃	O-acyl	Br	S	6-N-acetyl-2-fluoro-8-methyladenine	Cl	O-amino acid
CF ₃	O-acyl	Br	S	6-N-acetyl-2-amino-8-methyladenine	Cl	O-amino acid
CF ₃	O-acyl	Br	S	2-N-acetylamino-8-methyladenine	Cl	O-amino acid
CF ₃	O-acyl	Br	S	2-N-acetylamino-8-methylhypoxanthine	Cl	O-amino acid
CF ₃	O-acyl	Br	S	6-Methylthymine	Cl	O-acyl
CF ₃	O-acyl	Br	S	6-Methyluracil	Cl	O-acyl
CF ₃	O-acyl	Br	S	8-Methylguanine	Cl	O-acyl
CF ₃	O-acyl	Br	S	6-Methylcytosine	Cl	O-acyl
CF ₃	O-acyl	Br	S	8-Methyladenine	Cl	O-acyl

TABLE 6-continued

R ⁶	R ⁷	R ⁸	X	Base	R ¹⁰	R ⁹
CF ₃	O-acyl	Br	S	8-Methylhypoxanthine	Cl	O-acyl
CF ₃	O-acyl	Br	S	5-Fluoro-6-Methyluracil	Cl	O-acyl
CF ₃	O-acyl	Br	S	5-Fluoro-6-Methylcytosine	Cl	O-acyl
CF ₃	O-acyl	Br	S	2-Fluoro-8-methyladenine	Cl	O-acyl
CF ₃	O-acyl	Br	S	2-Fluoro-8-methylhypoxanthine	Cl	O-acyl
CF ₃	O-acyl	Br	S	2-Amino-8-methyladenine	Cl	O-acyl
CF ₃	O-acyl	Br	S	2-Amino-8-methylhypoxanthine	Cl	O-acyl
CF ₃	O-acyl	Br	S	2-N-acetyl-8-methylguanine	Cl	O-acyl
CF ₃	O-acyl	Br	S	4-N-acetyl-8-methylcytosine	Cl	O-acyl
CF ₃	O-acyl	Br	S	6-N-acetyl-8-methyladenine	Cl	O-acyl
CF ₃	O-acyl	Br	S	4-N-acetyl-5-fluoro-8-methylcytosine	Cl	O-acyl
CF ₃	O-acyl	Br	S	6-N-acetyl-2-fluoro-8-methyladenine	Cl	O-acyl
CF ₃	O-acyl	Br	S	6-N-acetyl-2-amino-8-methyladenine	Cl	O-acyl
CF ₃	O-acyl	Br	S	2-N-acetylamino-8-methyladenine	Cl	O-acyl
CF ₃	O-acyl	Br	S	2-N-acetylamino-8-methylhypoxanthine	Cl	O-acyl
CF ₃	O-acyl	Br	S	6-Methylthymine	Cl	OH
CF ₃	O-acyl	Br	S	6-Methyluracil	Cl	OH
CF ₃	O-acyl	Br	S	8-Methylguanine	Cl	OH
CF ₃	O-acyl	Br	S	6-Methylcytosine	Cl	OH
CF ₃	O-acyl	Br	S	8-Methyladenine	Cl	OH
CF ₃	O-acyl	Br	S	8-Methylhypoxanthine	Cl	OH
CF ₃	O-acyl	Br	S	5-Fluoro-6-Methyluracil	Cl	OH
CF ₃	O-acyl	Br	S	5-Fluoro-6-Methylcytosine	Cl	OH
CF ₃	O-acyl	Br	S	2-Fluoro-8-methyladenine	Cl	OH
CF ₃	O-acyl	Br	S	2-Fluoro-8-methylhypoxanthine	Cl	OH
CF ₃	O-acyl	Br	S	2-Amino-8-methyladenine	Cl	OH
CF ₃	O-acyl	Br	S	2-Amino-8-methylhypoxanthine	Cl	OH
CF ₃	O-acyl	Br	S	2-N-acetyl-8-methylguanine	Cl	OH
CF ₃	O-acyl	Br	S	4-N-acetyl-8-methylcytosine	Cl	OH
CF ₃	O-acyl	Br	S	6-N-acetyl-8-methyladenine	Cl	OH
CF ₃	O-acyl	Br	S	4-N-acetyl-5-fluoro-8-methylcytosine	Cl	OH
CF ₃	O-acyl	Br	S	6-N-acetyl-2-fluoro-8-methyladenine	Cl	OH
CF ₃	O-acyl	Br	S	6-N-acetyl-2-amino-8-methyladenine	Cl	OH
CF ₃	O-acyl	Br	S	2-N-acetylamino-8-methyladenine	Cl	OH
CF ₃	O-acyl	Br	S	2-N-acetylamino-8-methylhypoxanthine	Cl	OH
CF ₃	O-acyl	Br	S	6-Methylthymine	H	H
CF ₃	O-acyl	Br	S	6-Methyluracil	H	H
CF ₃	O-acyl	Br	S	8-Methylguanine	H	H
CF ₃	O-acyl	Br	S	6-Methylcytosine	H	H
CF ₃	O-acyl	Br	S	8-Methyladenine	H	H
CF ₃	O-acyl	Br	S	8-Methylhypoxanthine	H	H
CF ₃	O-acyl	Br	S	5-Fluoro-6-Methyluracil	H	H
CF ₃	O-acyl	Br	S	5-Fluoro-6-Methylcytosine	H	H
CF ₃	O-acyl	Br	S	2-Fluoro-8-methyladenine	H	H
CF ₃	O-acyl	Br	S	2-Fluoro-8-methylhypoxanthine	H	H
CF ₃	O-acyl	Br	S	2-Amino-8-methyladenine	H	H
CF ₃	O-acyl	Br	S	2-Amino-8-methylhypoxanthine	H	H
CF ₃	O-acyl	Br	S	2-N-acetyl-8-methylguanine	H	H
CF ₃	O-acyl	Br	S	4-N-acetyl-8-methylcytosine	H	H
CF ₃	O-acyl	Br	S	6-N-acetyl-8-methyladenine	H	H
CF ₃	O-acyl	Br	S	4-N-acetyl-5-fluoro-8-methylcytosine	H	H
CF ₃	O-acyl	Br	S	6-N-acetyl-2-fluoro-8-methyladenine	H	H
CF ₃	O-acyl	Br	S	6-N-acetyl-2-amino-8-methyladenine	H	H
CF ₃	O-acyl	Br	S	2-N-acetylamino-8-methyladenine	H	H
CF ₃	O-acyl	Br	S	2-N-acetylamino-8-methylhypoxanthine	H	H
CF ₃	O-acyl	Br	S	6-Methylthymine	H	O-amino acid
CF ₃	O-acyl	Br	S	6-Methyluracil	H	O-amino acid
CF ₃	O-acyl	Br	S	8-Methylguanine	H	O-amino acid
CF ₃	O-acyl	Br	S	6-Methylcytosine	H	O-amino acid
CF ₃	O-acyl	Br	S	8-Methyladenine	H	O-amino acid
CF ₃	O-acyl	Br	S	8-Methylhypoxanthine	H	O-amino acid
CF ₃	O-acyl	Br	S	5-Fluoro-6-Methyluracil	H	O-amino acid
CF ₃	O-acyl	Br	S	5-Fluoro-6-Methylcytosine	H	O-amino acid
CF ₃	O-acyl	Br	S	2-Fluoro-8-methyladenine	H	O-amino acid
CF ₃	O-acyl	Br	S	2-Fluoro-8-methylhypoxanthine	H	O-amino acid
CF ₃	O-acyl	Br	S	2-Amino-8-methyladenine	H	O-amino acid
CF ₃	O-acyl	Br	S	2-Amino-8-methylhypoxanthine	H	O-amino acid
CF ₃	O-acyl	Br	S	2-N-acetyl-8-methylguanine	H	O-amino acid
CF ₃	O-acyl	Br	S	4-N-acetyl-8-methylcytosine	H	O-amino acid
CF ₃	O-acyl	Br	S	6-N-acetyl-8-methyladenine	H	O-amino acid
CF ₃	O-acyl	Br	S	4-N-acetyl-5-fluoro-8-methylcytosine	H	O-amino acid
CF ₃	O-acyl	Br	S	6-N-acetyl-2-fluoro-8-methyladenine	H	O-amino acid
CF ₃	O-acyl	Br	S	6-N-acetyl-2-amino-8-methyladenine	H	O-amino acid
CF ₃	O-acyl	Br	S	2-N-acetylamino-8-methyladenine	H	O-amino acid

TABLE 6-continued

R ⁶	R ⁷	R ⁸	X	Base	R ¹⁰	R ⁹
CF ₃	O-acyl	Br	S	2-N-acetylamino-8-methylhypoxanthine	H	O-amino acid
CF ₃	O-acyl	Br	S	6-Methylthymine	H	O-acyl
CF ₃	O-acyl	Br	S	6-Methyluracil	H	O-acyl
CF ₃	O-acyl	Br	S	8-Methylguanine	H	O-acyl
CF ₃	O-acyl	Br	S	6-Methylcytosine	H	O-acyl
CF ₃	O-acyl	Br	S	8-Methyladenine	H	O-acyl
CF ₃	O-acyl	Br	S	8-Methylhypoxanthine	H	O-acyl
CF ₃	O-acyl	Br	S	5-Fluoro-6-Methyluracil	H	O-acyl
CF ₃	O-acyl	Br	S	5-Fluoro-6-Methylcytosine	H	O-acyl
CF ₃	O-acyl	Br	S	2-Fluoro-8-methyladenine	H	O-acyl
CF ₃	O-acyl	Br	S	2-Fluoro-8-methylhypoxanthine	H	O-acyl
CF ₃	O-acyl	Br	S	2-Amino-8-methyladenine	H	O-acyl
CF ₃	O-acyl	Br	S	2-Amino-8-methylhypoxanthine	H	O-acyl
CF ₃	O-acyl	Br	S	2-N-acetyl-8-methylguanine	H	O-acyl
CF ₃	O-acyl	Br	S	4-N-acetyl-8-methylcytosine	H	O-acyl
CF ₃	O-acyl	Br	S	6-N-acetyl-8-methyladenine	H	O-acyl
CF ₃	O-acyl	Br	S	4-N-acetyl-5-fluoro-8-methylcytosine	H	O-acyl
CF ₃	O-acyl	Br	S	6-N-acetyl-2-fluoro-8-methyladenine	H	O-acyl
CF ₃	O-acyl	Br	S	6-N-acetyl-2-amino-8-methyladenine	H	O-acyl
CF ₃	O-acyl	Br	S	2-N-acetylamino-8-methyladenine	H	O-acyl
CF ₃	O-acyl	Br	S	2-N-acetylamino-8-methylhypoxanthine	H	O-acyl
CF ₃	O-acyl	Br	S	6-Methylthymine	H	OH
CF ₃	O-acyl	Br	S	6-Methyluracil	H	OH
CF ₃	O-acyl	Br	S	8-Methylguanine	H	OH
CF ₃	O-acyl	Br	S	6-Methylcytosine	H	OH
CF ₃	O-acyl	Br	S	8-Methyladenine	H	OH
CF ₃	O-acyl	Br	S	8-Methylhypoxanthine	H	OH
CF ₃	O-acyl	Br	S	5-Fluoro-6-Methyluracil	H	OH
CF ₃	O-acyl	Br	S	5-Fluoro-6-Methylcytosine	H	OH
CF ₃	O-acyl	Br	S	2-Fluoro-8-methyladenine	H	OH
CF ₃	O-acyl	Br	S	2-Fluoro-8-methylhypoxanthine	H	OH
CF ₃	O-acyl	Br	S	2-Amino-8-methyladenine	H	OH
CF ₃	O-acyl	Br	S	2-Amino-8-methylhypoxanthine	H	OH
CF ₃	O-acyl	Br	S	2-N-acetyl-8-methylguanine	H	OH
CF ₃	O-acyl	Br	S	4-N-acetyl-8-methylcytosine	H	OH
CF ₃	O-acyl	Br	S	6-N-acetyl-8-methyladenine	H	OH
CF ₃	O-acyl	Br	S	4-N-acetyl-5-fluoro-8-methylcytosine	H	OH
CF ₃	O-acyl	Br	S	6-N-acetyl-2-fluoro-8-methyladenine	H	OH
CF ₃	O-acyl	Br	S	6-N-acetyl-2-amino-8-methyladenine	H	OH
CF ₃	O-acyl	Br	S	2-N-acetylamino-8-methyladenine	H	OH
CF ₃	O-acyl	Br	S	2-N-acetylamino-8-methylhypoxanthine	H	OH
CF ₃	O-acyl	Br	S	6-Methylthymine	OH	H
CF ₃	O-acyl	Br	S	6-Methyluracil	OH	H
CF ₃	O-acyl	Br	S	8-Methylguanine	OH	H
CF ₃	O-acyl	Br	S	6-Methylcytosine	OH	H
CF ₃	O-acyl	Br	S	8-Methyladenine	OH	H
CF ₃	O-acyl	Br	S	8-Methylhypoxanthine	OH	H
CF ₃	O-acyl	Br	S	5-Fluoro-6-Methyluracil	OH	H
CF ₃	O-acyl	Br	S	5-Fluoro-6-Methylcytosine	OH	H
CF ₃	O-acyl	Br	S	2-Fluoro-8-methyladenine	OH	H
CF ₃	O-acyl	Br	S	2-Fluoro-8-methylhypoxanthine	OH	H
CF ₃	O-acyl	Br	S	2-Amino-8-methyladenine	OH	H
CF ₃	O-acyl	Br	S	2-Amino-8-methylhypoxanthine	OH	H
CF ₃	O-acyl	Br	S	2-N-acetyl-8-methylguanine	OH	H
CF ₃	O-acyl	Br	S	4-N-acetyl-8-methylcytosine	OH	H
CF ₃	O-acyl	Br	S	6-N-acetyl-8-methyladenine	OH	H
CF ₃	O-acyl	Br	S	4-N-acetyl-5-fluoro-8-methylcytosine	OH	H
CF ₃	O-acyl	Br	S	6-N-acetyl-2-fluoro-8-methyladenine	OH	H
CF ₃	O-acyl	Br	S	6-N-acetyl-2-amino-8-methyladenine	OH	H
CF ₃	O-acyl	Br	S	2-N-acetylamino-8-methyladenine	OH	H
CF ₃	O-acyl	Br	S	2-N-acetylamino-8-methylhypoxanthine	OH	H
CF ₃	O-acyl	Cl	S	6-Methylthymine	F	H
CF ₃	O-acyl	Cl	S	6-Methyluracil	F	H
CF ₃	O-acyl	Cl	S	8-Methylguanine	F	H
CF ₃	O-acyl	Cl	S	6-Methylcytosine	F	H
CF ₃	O-acyl	Cl	S	8-Methyladenine	F	H
CF ₃	O-acyl	Cl	S	8-Methylhypoxanthine	F	H
CF ₃	O-acyl	Cl	S	5-Fluoro-6-Methyluracil	F	H
CF ₃	O-acyl	Cl	S	5-Fluoro-6-Methylcytosine	F	H
CF ₃	O-acyl	Cl	S	2-Fluoro-8-methyladenine	F	H
CF ₃	O-acyl	Cl	S	2-Fluoro-8-methylhypoxanthine	F	H
CF ₃	O-acyl	Cl	S	2-Amino-8-methyladenine	F	H
CF ₃	O-acyl	Cl	S	2-Amino-8-methylhypoxanthine	F	H

R ⁶	R ⁷	R ⁸	X	Base	R ¹⁹	R ⁹
CF ₃	O-acetyl	Cl	S	2-N-acetyl-8-methylguanine	F	H
CF ₃	O-acetyl	Cl	S	4-N-acetyl-8-methylcytosine	F	H
CF ₃	O-acetyl	Cl	S	6-N-acetyl-8-methyladenine	F	H
CF ₃	O-acetyl	Cl	S	4-N-acetyl-5-fluoro-8-methylcytosine	F	H
CF ₃	O-acetyl	Cl	S	6-N-acetyl-2-fluoro-8-methyladenine	F	H
CF ₃	O-acetyl	Cl	S	6-N-acetyl-2-amino-8-methyladenine	F	H
CF ₃	O-acetyl	Cl	S	2-N-acetyl amino-8-methyladenine	F	H
CF ₃	O-acetyl	Cl	S	2-N-acetyl amino-8-methyladenine	F	H
CF ₃	O-acetyl	Cl	S	2-N-acetyl amino-8-methyladenine	F	H
CF ₃	O-acetyl	Cl	S	6-Methylthymine	F	O-amino acid
CF ₃	O-acetyl	Cl	S	6-Methyluracil	F	O-amino acid
CF ₃	O-acetyl	Cl	S	8-Methylguanine	F	O-amino acid
CF ₃	O-acetyl	Cl	S	6-Methylcytosine	F	O-amino acid
CF ₃	O-acetyl	Cl	S	8-Methyladenine	F	O-amino acid
CF ₃	O-acetyl	Cl	S	8-Methylhypoxanthine	F	O-amino acid
CF ₃	O-acetyl	Cl	S	5-Fluoro-6-Methyluracil	F	O-amino acid
CF ₃	O-acetyl	Cl	S	5-Fluoro-6-Methylcytosine	F	O-amino acid
CF ₃	O-acetyl	Cl	S	2-Fluoro-8-methyladenine	F	O-amino acid
CF ₃	O-acetyl	Cl	S	2-Fluoro-8-methylhypoxanthine	F	O-amino acid
CF ₃	O-acetyl	Cl	S	2-Amino-8-methyladenine	F	O-amino acid
CF ₃	O-acetyl	Cl	S	2-Amino-8-methylhypoxanthine	F	O-amino acid
CF ₃	O-acetyl	Cl	S	2-N-acetyl-8-methylguanine	F	O-amino acid
CF ₃	O-acetyl	Cl	S	4-N-acetyl-8-methylcytosine	F	O-amino acid
CF ₃	O-acetyl	Cl	S	6-N-acetyl-8-methyladenine	F	O-amino acid
CF ₃	O-acetyl	Cl	S	4-N-acetyl-5-fluoro-8-methylcytosine	F	O-amino acid
CF ₃	O-acetyl	Cl	S	6-N-acetyl-2-fluoro-8-methyladenine	F	O-amino acid
CF ₃	O-acetyl	Cl	S	6-N-acetyl-2-amino-8-methyladenine	F	O-amino acid
CF ₃	O-acetyl	Cl	S	2-N-acetyl amino-8-methyladenine	F	O-amino acid
CF ₃	O-acetyl	Cl	S	2-N-acetyl amino-8-methyladenine	F	O-amino acid
CF ₃	O-acetyl	Cl	S	6-Methylthymine	F	O-acetyl
CF ₃	O-acetyl	Cl	S	6-Methyluracil	F	O-acetyl
CF ₃	O-acetyl	Cl	S	8-Methylguanine	F	O-acetyl
CF ₃	O-acetyl	Cl	S	6-Methylcytosine	F	O-acetyl
CF ₃	O-acetyl	Cl	S	8-Methyladenine	F	O-acetyl
CF ₃	O-acetyl	Cl	S	8-Methylhypoxanthine	F	O-acetyl
CF ₃	O-acetyl	Cl	S	5-Fluoro-6-Methyluracil	F	O-acetyl
CF ₃	O-acetyl	Cl	S	5-Fluoro-6-Methylcytosine	F	O-acetyl
CF ₃	O-acetyl	Cl	S	2-Fluoro-8-methyladenine	F	O-acetyl
CF ₃	O-acetyl	Cl	S	2-Fluoro-8-methylhypoxanthine	F	O-acetyl
CF ₃	O-acetyl	Cl	S	2-Amino-8-methyladenine	F	O-acetyl
CF ₃	O-acetyl	Cl	S	2-Amino-8-methylhypoxanthine	F	O-acetyl
CF ₃	O-acetyl	Cl	S	2-N-acetyl-8-methylguanine	F	O-acetyl
CF ₃	O-acetyl	Cl	S	4-N-acetyl-8-methylcytosine	F	O-acetyl
CF ₃	O-acetyl	Cl	S	6-N-acetyl-8-methyladenine	F	O-acetyl
CF ₃	O-acetyl	Cl	S	4-N-acetyl-5-fluoro-8-methylcytosine	F	O-acetyl
CF ₃	O-acetyl	Cl	S	6-N-acetyl-2-fluoro-8-methyladenine	F	O-acetyl
CF ₃	O-acetyl	Cl	S	6-N-acetyl-2-amino-8-methyladenine	F	O-acetyl
CF ₃	O-acetyl	Cl	S	2-N-acetyl amino-8-methyladenine	F	O-acetyl
CF ₃	O-acetyl	Cl	S	2-N-acetyl amino-8-methyladenine	F	O-acetyl
CF ₃	O-acetyl	Cl	S	6-Methylthymine	F	OH
CF ₃	O-acetyl	Cl	S	6-Methyluracil	F	OH
CF ₃	O-acetyl	Cl	S	8-Methylguanine	F	OH
CF ₃	O-acetyl	Cl	S	6-Methylcytosine	F	OH
CF ₃	O-acetyl	Cl	S	8-Methyladenine	F	OH
CF ₃	O-acetyl	Cl	S	8-Methylhypoxanthine	F	OH
CF ₃	O-acetyl	Cl	S	5-Fluoro-6-Methyluracil	F	OH
CF ₃	O-acetyl	Cl	S	5-Fluoro-6-Methylcytosine	F	OH
CF ₃	O-acetyl	Cl	S	2-Fluoro-8-methyladenine	F	OH
CF ₃	O-acetyl	Cl	S	2-Fluoro-8-methylhypoxanthine	F	OH
CF ₃	O-acetyl	Cl	S	2-Amino-8-methyladenine	F	OH
CF ₃	O-acetyl	Cl	S	2-Amino-8-methylhypoxanthine	F	OH
CF ₃	O-acetyl	Cl	S	2-N-acetyl-8-methylguanine	F	OH
CF ₃	O-acetyl	Cl	S	4-N-acetyl-8-methylcytosine	F	OH
CF ₃	O-acetyl	Cl	S	6-N-acetyl-8-methyladenine	F	OH
CF ₃	O-acetyl	Cl	S	4-N-acetyl-5-fluoro-8-methyl		

TABLE 6-continued

R ⁶	R ⁷	R ⁸	X	Base	R ¹⁰	R ⁹
CF ₃	O-acyl	Cl	S	8-Methylhypoxanthine	Br	H
CF ₃	O-acyl	Cl	S	5-Fluoro-6-Methyluracil	Br	H
CF ₃	O-acyl	Cl	S	5-Fluoro-6-Methylcytosine	Br	H
CF ₃	O-acyl	Cl	S	2-Fluoro-8-methyladenine	Br	H
CF ₃	O-acyl	Cl	S	2-Fluoro-8-methylhypoxanthine	Br	H
CF ₃	O-acyl	Cl	S	2-Amino-8-methyladenine	Br	H
CF ₃	O-acyl	Cl	S	2-Amino-8-methylhypoxanthine	Br	H
CF ₃	O-acyl	Cl	S	2-N-acetyl-8-methylguanine	Br	H
CF ₃	O-acyl	Cl	S	4-N-acetyl-8-methylcytosine	Br	H
CF ₃	O-acyl	Cl	S	6-N-acetyl-8-methyladenine	Br	H
CF ₃	O-acyl	Cl	S	4-N-acetyl-5-fluoro-8-methylcytosine	Br	H
CF ₃	O-acyl	Cl	S	6-N-acetyl-2-fluoro-8-methyladenine	Br	H
CF ₃	O-acyl	Cl	S	6-N-acetyl-2-amino-8-methyladenine	Br	H
CF ₃	O-acyl	Cl	S	2-N-acetylamino-8-methyladenine	Br	H
CF ₃	O-acyl	Cl	S	2-N-acetylamino-8-methylhypoxanthine	Br	H
CF ₃	O-acyl	Cl	S	6-Methylthymine	Br	O-amino acid
CF ₃	O-acyl	Cl	S	6-Methyluracil	Br	O-amino acid
CF ₃	O-acyl	Cl	S	8-Methylguanine	Br	O-amino acid
CF ₃	O-acyl	Cl	S	6-Methylcytosine	Br	O-amino acid
CF ₃	O-acyl	Cl	S	8-Methyladenine	Br	O-amino acid
CF ₃	O-acyl	Cl	S	8-Methylhypoxanthine	Br	O-amino acid
CF ₃	O-acyl	Cl	S	5-Fluoro-6-Methyluracil	Br	O-amino acid
CF ₃	O-acyl	Cl	S	5-Fluoro-6-Methylcytosine	Br	O-amino acid
CF ₃	O-acyl	Cl	S	2-Fluoro-8-methyladenine	Br	O-amino acid
CF ₃	O-acyl	Cl	S	2-Fluoro-8-methylhypoxanthine	Br	O-amino acid
CF ₃	O-acyl	Cl	S	2-Amino-8-methyladenine	Br	O-amino acid
CF ₃	O-acyl	Cl	S	2-Amino-8-methylhypoxanthine	Br	O-amino acid
CF ₃	O-acyl	Cl	S	2-N-acetyl-8-methylguanine	Br	O-amino acid
CF ₃	O-acyl	Cl	S	4-N-acetyl-8-methylcytosine	Br	O-amino acid
CF ₃	O-acyl	Cl	S	6-N-acetyl-8-methyladenine	Br	O-amino acid
CF ₃	O-acyl	Cl	S	4-N-acetyl-5-fluoro-8-methylcytosine	Br	O-amino acid
CF ₃	O-acyl	Cl	S	6-N-acetyl-2-fluoro-8-methyladenine	Br	O-amino acid
CF ₃	O-acyl	Cl	S	6-N-acetyl-2-amino-8-methyladenine	Br	O-amino acid
CF ₃	O-acyl	Cl	S	2-N-acetylamino-8-methyladenine	Br	O-amino acid
CF ₃	O-acyl	Cl	S	2-N-acetylamino-8-methylhypoxanthine	Br	O-amino acid
CF ₃	O-acyl	Cl	S	6-Methylthymine	Br	O-acyl
CF ₃	O-acyl	Cl	S	6-Methyluracil	Br	O-acyl
CF ₃	O-acyl	Cl	S	8-Methylguanine	Br	O-acyl
CF ₃	O-acyl	Cl	S	6-Methylcytosine	Br	O-acyl
CF ₃	O-acyl	Cl	S	8-Methyladenine	Br	O-acyl
CF ₃	O-acyl	Cl	S	8-Methylhypoxanthine	Br	O-acyl
CF ₃	O-acyl	Cl	S	5-Fluoro-6-Methyluracil	Br	O-acyl
CF ₃	O-acyl	Cl	S	5-Fluoro-6-Methylcytosine	Br	O-acyl
CF ₃	O-acyl	Cl	S	2-Fluoro-8-methyladenine	Br	O-acyl
CF ₃	O-acyl	Cl	S	2-Fluoro-8-methylhypoxanthine	Br	O-acyl
CF ₃	O-acyl	Cl	S	2-Amino-8-methyladenine	Br	O-acyl
CF ₃	O-acyl	Cl	S	2-Amino-8-methylhypoxanthine	Br	O-acyl
CF ₃	O-acyl	Cl	S	2-N-acetyl-8-methylguanine	Br	O-acyl
CF ₃	O-acyl	Cl	S	4-N-acetyl-8-methylcytosine	Br	O-acyl
CF ₃	O-acyl	Cl	S	6-N-acetyl-8-methyladenine	Br	O-acyl
CF ₃	O-acyl	Cl	S	4-N-acetyl-5-fluoro-8-methylcytosine	Br	O-acyl
CF ₃	O-acyl	Cl	S	6-N-acetyl-2-fluoro-8-methyladenine	Br	O-acyl
CF ₃	O-acyl	Cl	S	6-N-acetyl-2-amino-8-methyladenine	Br	O-acyl
CF ₃	O-acyl	Cl	S	2-N-acetylamino-8-methyladenine	Br	O-acyl
CF ₃	O-acyl	Cl	S	2-N-acetylamino-8-methylhypoxanthine	Br	O-acyl
CF ₃	O-acyl	Cl	S	6-Methylthymine	Br	OH
CF ₃	O-acyl	Cl	S	6-Methyluracil	Br	OH
CF ₃	O-acyl	Cl	S	8-Methylguanine	Br	OH
CF ₃	O-acyl	Cl	S	6-Methylcytosine	Br	OH
CF ₃	O-acyl	Cl	S	8-Methyladenine	Br	OH
CF ₃	O-acyl	Cl	S	8-Methylhypoxanthine	Br	OH
CF ₃	O-acyl	Cl	S	5-Fluoro-6-Methyluracil	Br	OH
CF ₃	O-acyl	Cl	S	5-Fluoro-6-Methylcytosine	Br	OH
CF ₃	O-acyl	Cl	S	2-Fluoro-8-methyladenine	Br	OH
CF ₃	O-acyl	Cl	S	2-Fluoro-8-methylhypoxanthine	Br	OH
CF ₃	O-acyl	Cl	S	2-Amino-8-methyladenine	Br	OH
CF ₃	O-acyl	Cl	S	2-Amino-8-methylhypoxanthine	Br	OH
CF ₃	O-acyl	Cl	S	2-N-acetyl-8-methylguanine	Br	OH
CF ₃	O-acyl	Cl	S	4-N-acetyl-8-methylcytosine	Br	OH
CF ₃	O-acyl	Cl	S	6-N-acetyl-8-methyladenine	Br	OH
CF ₃	O-acyl	Cl	S	4-N-acetyl-5-fluoro-8-methylcytosine	Br	OH
CF ₃	O-acyl	Cl	S	6-N-acetyl-2-fluoro-8-methyladenine	Br	OH
CF ₃	O-acyl	Cl	S	6-N-acetyl-2-amino-8-methyladenine	Br	OH
CF ₃	O-acyl	Cl	S	2-N-acetylamino-8-methyladenine	Br	OH

TABLE 6-continued

R ⁶	R ⁷	R ⁸	X	Base	R ¹⁰	R ⁹
CF ₃	O-acyl	Cl	S	2-N-acetylamino-8-methylhypoxanthine	Br	OH
CF ₃	O-acyl	Cl	S	6-Methylthymine	Cl	H
CF ₃	O-acyl	Cl	S	6-Methyluracil	Cl	H
CF ₃	O-acyl	Cl	S	8-Methylguanine	Cl	H
CF ₃	O-acyl	Cl	S	6-Methylcytosine	Cl	H
CF ₃	O-acyl	Cl	S	8-Methyladenine	Cl	H
CF ₃	O-acyl	Cl	S	8-Methylhypoxanthine	Cl	H
CF ₃	O-acyl	Cl	S	5-Fluoro-6-Methyluracil	Cl	H
CF ₃	O-acyl	Cl	S	5-Fluoro-6-Methylcytosine	Cl	H
CF ₃	O-acyl	Cl	S	2-Fluoro-8-methyladenine	Cl	H
CF ₃	O-acyl	Cl	S	2-Fluoro-8-methylhypoxanthine	Cl	H
CF ₃	O-acyl	Cl	S	2-Amino-8-methyladenine	Cl	H
CF ₃	O-acyl	Cl	S	2-Amino-8-methylhypoxanthine	Cl	H
CF ₃	O-acyl	Cl	S	2-N-acetyl-8-methylguanine	Cl	H
CF ₃	O-acyl	Cl	S	4-N-acetyl-8-methylcytosine	Cl	H
CF ₃	O-acyl	Cl	S	6-N-acetyl-8-methyladenine	Cl	H
CF ₃	O-acyl	Cl	S	4-N-acetyl-5-fluoro-8-methylcytosine	Cl	H
CF ₃	O-acyl	Cl	S	6-N-acetyl-2-fluoro-8-methyladenine	Cl	H
CF ₃	O-acyl	Cl	S	6-N-acetyl-2-amino-8-methyladenine	Cl	H
CF ₃	O-acyl	Cl	S	2-N-acetylamino-8-methyladenine	Cl	H
CF ₃	O-acyl	Cl	S	2-N-acetylamino-8-methylhypoxanthine	Cl	H
CF ₃	O-acyl	Cl	S	6-Methylthymine	Cl	O-amino acid
CF ₃	O-acyl	Cl	S	6-Methyluracil	Cl	O-amino acid
CF ₃	O-acyl	Cl	S	8-Methylguanine	Cl	O-amino acid
CF ₃	O-acyl	Cl	S	6-Methylcytosine	Cl	O-amino acid
CF ₃	O-acyl	Cl	S	8-Methyladenine	Cl	O-amino acid
CF ₃	O-acyl	Cl	S	8-Methylhypoxanthine	Cl	O-amino acid
CF ₃	O-acyl	Cl	S	5-Fluoro-6-Methyluracil	Cl	O-amino acid
CF ₃	O-acyl	Cl	S	5-Fluoro-6-Methylcytosine	Cl	O-amino acid
CF ₃	O-acyl	Cl	S	2-Fluoro-8-methyladenine	Cl	O-amino acid
CF ₃	O-acyl	Cl	S	2-Fluoro-8-methylhypoxanthine	Cl	O-amino acid
CF ₃	O-acyl	Cl	S	2-Amino-8-methyladenine	Cl	O-amino acid
CF ₃	O-acyl	Cl	S	2-Amino-8-methylhypoxanthine	Cl	O-amino acid
CF ₃	O-acyl	Cl	S	2-N-acetyl-8-methylguanine	Cl	O-amino acid
CF ₃	O-acyl	Cl	S	4-N-acetyl-8-methylcytosine	Cl	O-amino acid
CF ₃	O-acyl	Cl	S	6-N-acetyl-8-methyladenine	Cl	O-amino acid
CF ₃	O-acyl	Cl	S	4-N-acetyl-5-fluoro-8-methylcytosine	Cl	O-amino acid
CF ₃	O-acyl	Cl	S	6-N-acetyl-2-fluoro-8-methyladenine	Cl	O-amino acid
CF ₃	O-acyl	Cl	S	6-N-acetyl-2-amino-8-methyladenine	Cl	O-amino acid
CF ₃	O-acyl	Cl	S	2-N-acetylamino-8-methyladenine	Cl	O-amino acid
CF ₃	O-acyl	Cl	S	2-N-acetylamino-8-methylhypoxanthine	Cl	O-amino acid
CF ₃	O-acyl	Cl	S	6-Methylthymine	Cl	O-acyl
CF ₃	O-acyl	Cl	S	6-Methyluracil	Cl	O-acyl
CF ₃	O-acyl	Cl	S	8-Methylguanine	Cl	O-acyl
CF ₃	O-acyl	Cl	S	6-Methylcytosine	Cl	O-acyl
CF ₃	O-acyl	Cl	S	8-Methyladenine	Cl	O-acyl
CF ₃	O-acyl	Cl	S	8-Methylhypoxanthine	Cl	O-acyl
CF ₃	O-acyl	Cl	S	5-Fluoro-6-Methyluracil	Cl	O-acyl
CF ₃	O-acyl	Cl	S	5-Fluoro-6-Methylcytosine	Cl	O-acyl
CF ₃	O-acyl	Cl	S	2-Fluoro-8-methyladenine	Cl	O-acyl
CF ₃	O-acyl	Cl	S	2-Fluoro-8-methylhypoxanthine	Cl	O-acyl
CF ₃	O-acyl	Cl	S	2-Amino-8-methyladenine	Cl	O-acyl
CF ₃	O-acyl	Cl	S	2-Amino-8-methylhypoxanthine	Cl	O-acyl
CF ₃	O-acyl	Cl	S	2-N-acetyl-8-methylguanine	Cl	O-acyl
CF ₃	O-acyl	Cl	S	4-N-acetyl-8-methylcytosine	Cl	O-acyl
CF ₃	O-acyl	Cl	S	6-N-acetyl-8-methyladenine	Cl	O-acyl
CF ₃	O-acyl	Cl	S	4-N-acetyl-5-fluoro-8-methylcytosine	Cl	O-acyl
CF ₃	O-acyl	Cl	S	6-N-acetyl-2-fluoro-8-methyladenine	Cl	O-acyl
CF ₃	O-acyl	Cl	S	6-N-acetyl-2-amino-8-methyladenine	Cl	O-acyl
CF ₃	O-acyl	Cl	S	2-N-acetylamino-8-methyladenine	Cl	O-acyl
CF ₃	O-acyl	Cl	S	2-N-acetylamino-8-methylhypoxanthine	Cl	O-acyl
CF ₃	O-acyl	Cl	S	6-Methylthymine	Cl	OH
CF ₃	O-acyl	Cl	S	6-Methyluracil	Cl	OH
CF ₃	O-acyl	Cl	S	8-Methylguanine	Cl	OH
CF ₃	O-acyl	Cl	S	6-Methylcytosine	Cl	OH
CF ₃	O-acyl	Cl	S	8-Methyladenine	Cl	OH
CF ₃	O-acyl	Cl	S	8-Methylhypoxanthine	Cl	OH
CF ₃	O-acyl	Cl	S	5-Fluoro-6-Methyluracil	Cl	OH
CF ₃	O-acyl	Cl	S	5-Fluoro-6-Methylcytosine	Cl	OH
CF ₃	O-acyl	Cl	S	2-Fluoro-8-methyladenine	Cl	OH
CF ₃	O-acyl	Cl	S	2-Fluoro-8-methylhypoxanthine	Cl	OH
CF ₃	O-acyl	Cl	S	2-Amino-8-methyladenine	Cl	OH
CF ₃	O-acyl	Cl	S	2-Amino-8-methylhypoxanthine	Cl	OH

TABLE 6-continued

R ⁶	R ⁷	R ⁸	X	Base	R ¹⁰	R ⁹
CF ₃	O-acyl	Cl	S	2-N-acetyl-8-methylguanine	Cl	OH
CF ₃	O-acyl	Cl	S	4-N-acetyl-8-methylcytosine	Cl	OH
CF ₃	O-acyl	Cl	S	6-N-acetyl-8-methyladenine	Cl	OH
CF ₃	O-acyl	Cl	S	4-N-acetyl-5-fluoro-8-methylcytosine	Cl	OH
CF ₃	O-acyl	Cl	S	6-N-acetyl-2-fluoro-8-methyladenine	Cl	OH
CF ₃	O-acyl	Cl	S	6-N-acetyl-2-amino-8-methyladenine	Cl	OH
CF ₃	O-acyl	Cl	S	2-N-acetylamino-8-methyladenine	Cl	OH
CF ₃	O-acyl	Cl	S	2-N-acetylamino-8-methylhypoxanthine	Cl	OH
CF ₃	O-acyl	Cl	S	6-Methylthymine	H	H
CF ₃	O-acyl	Cl	S	6-Methyluracil	H	H
CF ₃	O-acyl	Cl	S	8-Methylguanine	H	H
CF ₃	O-acyl	Cl	S	6-Methylcytosine	H	H
CF ₃	O-acyl	Cl	S	8-Methyladenine	H	H
CF ₃	O-acyl	Cl	S	8-Methylhypoxanthine	H	H
CF ₃	O-acyl	Cl	S	5-Fluoro-6-Methyluracil	H	H
CF ₃	O-acyl	Cl	S	5-Fluoro-6-Methylcytosine	H	H
CF ₃	O-acyl	Cl	S	2-Fluoro-8-methyladenine	H	H
CF ₃	O-acyl	Cl	S	2-Fluoro-8-methylhypoxanthine	H	H
CF ₃	O-acyl	Cl	S	2-Amino-8-methyladenine	H	H
CF ₃	O-acyl	Cl	S	2-Amino-8-methylhypoxanthine	H	H
CF ₃	O-acyl	Cl	S	2-N-acetyl-8-methylguanine	H	H
CF ₃	O-acyl	Cl	S	4-N-acetyl-8-methylcytosine	H	H
CF ₃	O-acyl	Cl	S	6-N-acetyl-8-methyladenine	H	H
CF ₃	O-acyl	Cl	S	4-N-acetyl-5-fluoro-8-methylcytosine	H	H
CF ₃	O-acyl	Cl	S	6-N-acetyl-2-fluoro-8-methyladenine	H	H
CF ₃	O-acyl	Cl	S	6-N-acetyl-2-amino-8-methyladenine	H	H
CF ₃	O-acyl	Cl	S	2-N-acetylamino-8-methyladenine	H	H
CF ₃	O-acyl	Cl	S	2-N-acetylamino-8-methylhypoxanthine	H	H
CF ₃	O-acyl	Cl	S	6-Methylthymine	H	O-amino acid
CF ₃	O-acyl	Cl	S	6-Methyluracil	H	O-amino acid
CF ₃	O-acyl	Cl	S	8-Methylguanine	H	O-amino acid
CF ₃	O-acyl	Cl	S	6-Methylcytosine	H	O-amino acid
CF ₃	O-acyl	Cl	S	8-Methyladenine	H	O-amino acid
CF ₃	O-acyl	Cl	S	8-Methylhypoxanthine	H	O-amino acid
CF ₃	O-acyl	Cl	S	5-Fluoro-6-Methyluracil	H	O-amino acid
CF ₃	O-acyl	Cl	S	5-Fluoro-6-Methylcytosine	H	O-amino acid
CF ₃	O-acyl	Cl	S	2-Fluoro-8-methyladenine	H	O-amino acid
CF ₃	O-acyl	Cl	S	2-Fluoro-8-methylhypoxanthine	H	O-amino acid
CF ₃	O-acyl	Cl	S	2-Amino-8-methyladenine	H	O-amino acid
CF ₃	O-acyl	Cl	S	2-Amino-8-methylhypoxanthine	H	O-amino acid
CF ₃	O-acyl	Cl	S	2-N-acetyl-8-methylguanine	H	O-amino acid
CF ₃	O-acyl	Cl	S	4-N-acetyl-8-methylcytosine	H	O-amino acid
CF ₃	O-acyl	Cl	S	6-N-acetyl-8-methyladenine	H	O-amino acid
CF ₃	O-acyl	Cl	S	4-N-acetyl-5-fluoro-8-methylcytosine	H	O-amino acid
CF ₃	O-acyl	Cl	S	6-N-acetyl-2-fluoro-8-methyladenine	H	O-amino acid
CF ₃	O-acyl	Cl	S	6-N-acetyl-2-amino-8-methyladenine	H	O-amino acid
CF ₃	O-acyl	Cl	S	2-N-acetylamino-8-methyladenine	H	O-amino acid
CF ₃	O-acyl	Cl	S	2-N-acetylamino-8-methylhypoxanthine	H	O-amino acid
CF ₃	O-acyl	Cl	S	6-Methylthymine	H	O-acyl
CF ₃	O-acyl	Cl	S	6-Methyluracil	H	O-acyl
CF ₃	O-acyl	Cl	S	8-Methylguanine	H	O-acyl
CF ₃	O-acyl	Cl	S	6-Methylcytosine	H	O-acyl
CF ₃	O-acyl	Cl	S	8-Methyladenine	H	O-acyl
CF ₃	O-acyl	Cl	S	8-Methylhypoxanthine	H	O-acyl
CF ₃	O-acyl	Cl	S	5-Fluoro-6-Methyluracil	H	O-acyl
CF ₃	O-acyl	Cl	S	5-Fluoro-6-Methylcytosine	H	O-acyl
CF ₃	O-acyl	Cl	S	2-Fluoro-8-methyladenine	H	O-acyl
CF ₃	O-acyl	Cl	S	2-Fluoro-8-methylhypoxanthine	H	O-acyl
CF ₃	O-acyl	Cl	S	2-Amino-8-methyladenine	H	O-acyl
CF ₃	O-acyl	Cl	S	2-Amino-8-methylhypoxanthine	H	O-acyl
CF ₃	O-acyl	Cl	S	2-N-acetyl-8-methylguanine	H	O-acyl
CF ₃	O-acyl	Cl	S	4-N-acetyl-8-methylcytosine	H	O-acyl
CF ₃	O-acyl	Cl	S	6-N-acetyl-8-methyladenine	H	O-acyl
CF ₃	O-acyl	Cl	S	4-N-acetyl-5-fluoro-8-methylcytosine	H	O-acyl
CF ₃	O-acyl	Cl	S	6-N-acetyl-2-fluoro-8-methyladenine	H	O-acyl
CF ₃	O-acyl	Cl	S	6-N-acetyl-2-amino-8-methyladenine	H	O-acyl
CF ₃	O-acyl	Cl	S	2-N-acetylamino-8-methyladenine	H	O-acyl
CF ₃	O-acyl	Cl	S	2-N-acetylamino-8-methylhypoxanthine	H	O-acyl
CF ₃	O-acyl	Cl	S	6-Methylthymine	H	OH
CF ₃	O-acyl	Cl	S	6-Methyluracil	H	OH
CF ₃	O-acyl	Cl	S	8-Methylguanine	H	OH
CF ₃	O-acyl	Cl	S	6-Methylcytosine	H	OH
CF ₃	O-acyl	Cl	S	8-Methyladenine	H	OH

TABLE 6-continued

R ⁶	R ⁷	R ⁸	X	Base	R ¹⁰	R ⁹
CF ₃	O-acyl	Cl	S	8-Methylhypoxanthine	H	OH
CF ₃	O-acyl	Cl	S	5-Fluoro-6-Methyluracil	H	OH
CF ₃	O-acyl	Cl	S	5-Fluoro-6-Methylcytosine	H	OH
CF ₃	O-acyl	Cl	S	2-Fluoro-8-methyladenine	H	OH
CF ₃	O-acyl	Cl	S	2-Fluoro-8-methylhypoxanthine	H	OH
CF ₃	O-acyl	Cl	S	2-Amino-8-methyladenine	H	OH
CF ₃	O-acyl	Cl	S	2-Amino-8-methylhypoxanthine	H	OH
CF ₃	O-acyl	Cl	S	2-N-acetyl-8-methylguanine	H	OH
CF ₃	O-acyl	Cl	S	4-N-acetyl-8-methylcytosine	H	OH
CF ₃	O-acyl	Cl	S	6-N-acetyl-8-methyladenine	H	OH
CF ₃	O-acyl	Cl	S	4-N-acetyl-5-fluoro-8-methylcytosine	H	OH
CF ₃	O-acyl	Cl	S	6-N-acetyl-2-fluoro-8-methyladenine	H	OH
CF ₃	O-acyl	Cl	S	6-N-acetyl-2-amino-8-methyladenine	H	OH
CF ₃	O-acyl	Cl	S	2-N-acetylamino-8-methyladenine	H	OH
CF ₃	O-acyl	Cl	S	2-N-acetylamino-8-methylhypoxanthine	H	OH
CF ₃	O-acyl	Cl	S	6-Methylthymine	OH	H
CF ₃	O-acyl	Cl	S	6-Methyluracil	OH	H
CF ₃	O-acyl	Cl	S	8-Methylguanine	OH	H
CF ₃	O-acyl	Cl	S	6-Methylcytosine	OH	H
CF ₃	O-acyl	Cl	S	8-Methyladenine	OH	H
CF ₃	O-acyl	Cl	S	8-Methylhypoxanthine	OH	H
CF ₃	O-acyl	Cl	S	5-Fluoro-6-Methyluracil	OH	H
CF ₃	O-acyl	Cl	S	5-Fluoro-6-Methylcytosine	OH	H
CF ₃	O-acyl	Cl	S	2-Fluoro-8-methyladenine	OH	H
CF ₃	O-acyl	Cl	S	2-Fluoro-8-methylhypoxanthine	OH	H
CF ₃	O-acyl	Cl	S	2-Amino-8-methyladenine	OH	H
CF ₃	O-acyl	Cl	S	2-Amino-8-methylhypoxanthine	OH	H
CF ₃	O-acyl	Cl	S	2-N-acetyl-8-methylguanine	OH	H
CF ₃	O-acyl	Cl	S	4-N-acetyl-8-methylcytosine	OH	H
CF ₃	O-acyl	Cl	S	6-N-acetyl-8-methyladenine	OH	H
CF ₃	O-acyl	Cl	S	4-N-acetyl-5-fluoro-8-methylcytosine	OH	H
CF ₃	O-acyl	Cl	S	6-N-acetyl-2-fluoro-8-methyladenine	OH	H
CF ₃	O-acyl	Cl	S	6-N-acetyl-2-amino-8-methyladenine	OH	H
CF ₃	O-acyl	Cl	S	2-N-acetylamino-8-methyladenine	OH	H
CF ₃	O-acyl	Cl	S	2-N-acetylamino-8-methylhypoxanthine	OH	H
CF ₃	O-acyl	H	S	6-Methylthymine	F	H
CF ₃	O-acyl	H	S	6-Methyluracil	F	H
CF ₃	O-acyl	H	S	8-Methylguanine	F	H
CF ₃	O-acyl	H	S	6-Methylcytosine	F	H
CF ₃	O-acyl	H	S	8-Methyladenine	F	H
CF ₃	O-acyl	H	S	8-Methylhypoxanthine	F	H
CF ₃	O-acyl	H	S	5-Fluoro-6-Methyluracil	F	H
CF ₃	O-acyl	H	S	5-Fluoro-6-Methylcytosine	F	H
CF ₃	O-acyl	H	S	2-Fluoro-8-methyladenine	F	H
CF ₃	O-acyl	H	S	2-Fluoro-8-methylhypoxanthine	F	H
CF ₃	O-acyl	H	S	2-Amino-8-methyladenine	F	H
CF ₃	O-acyl	H	S	2-Amino-8-methylhypoxanthine	F	H
CF ₃	O-acyl	H	S	2-N-acetyl-8-methylguanine	F	H
CF ₃	O-acyl	H	S	4-N-acetyl-8-methylcytosine	F	H
CF ₃	O-acyl	H	S	6-N-acetyl-8-methyladenine	F	H
CF ₃	O-acyl	H	S	4-N-acetyl-5-fluoro-8-methylcytosine	F	H
CF ₃	O-acyl	H	S	6-N-acetyl-2-fluoro-8-methyladenine	F	H
CF ₃	O-acyl	H	S	6-N-acetyl-2-amino-8-methyladenine	F	H
CF ₃	O-acyl	H	S	2-N-acetylamino-8-methyladenine	F	H
CF ₃	O-acyl	H	S	2-N-acetylamino-8-methylhypoxanthine	F	H
CF ₃	O-acyl	H	S	6-Methylthymine	F	O-amino acid
CF ₃	O-acyl	H	S	6-Methyluracil	F	O-amino acid
CF ₃	O-acyl	H	S	8-Methylguanine	F	O-amino acid
CF ₃	O-acyl	H	S	6-Methylcytosine	F	O-amino acid
CF ₃	O-acyl	H	S	8-Methyladenine	F	O-amino acid
CF ₃	O-acyl	H	S	8-Methylhypoxanthine	F	O-amino acid
CF ₃	O-acyl	H	S	5-Fluoro-6-Methyluracil	F	O-amino acid
CF ₃	O-acyl	H	S	5-Fluoro-6-Methylcytosine	F	O-amino acid
CF ₃	O-acyl	H	S	2-Fluoro-8-methyladenine	F	O-amino acid
CF ₃	O-acyl	H	S	2-Fluoro-8-methylhypoxanthine	F	O-amino acid
CF ₃	O-acyl	H	S	2-Amino-8-methyladenine	F	O-amino acid
CF ₃	O-acyl	H	S	2-Amino-8-methylhypoxanthine	F	O-amino acid
CF ₃	O-acyl	H	S	2-N-acetyl-8-methylguanine	F	O-amino acid
CF ₃	O-acyl	H	S	4-N-acetyl-8-methylcytosine	F	O-amino acid
CF ₃	O-acyl	H	S	6-N-acetyl-8-methyladenine	F	O-amino acid
CF ₃	O-acyl	H	S	4-N-acetyl-5-fluoro-8-methylcytosine	F	O-amino acid
CF ₃	O-acyl	H	S	6-N-acetyl-2-fluoro-8-methyladenine	F	O-amino acid
CF ₃	O-acyl	H	S	6-N-acetyl-2-amino-8-methyladenine	F	O-amino acid
CF ₃	O-acyl	H	S	2-N-acetylamino-8-methyladenine	F	O-amino acid

TABLE 6-continued

R ⁶	R ⁷	R ⁸	X	Base	R ¹⁰	R ⁹
CF ₃	O-acyl	H	S	2-N-acetylamino-8-methylhypoxanthine	F	O-amino acid
CF ₃	O-acyl	H	S	6-Methylthymine	F	O-acyl
CF ₃	O-acyl	H	S	6-Methyluracil	F	O-acyl
CF ₃	O-acyl	H	S	8-Methylguanine	F	O-acyl
CF ₃	O-acyl	H	S	6-Methylcytosine	F	O-acyl
CF ₃	O-acyl	H	S	8-Methyladenine	F	O-acyl
CF ₃	O-acyl	H	S	8-Methylhypoxanthine	F	O-acyl
CF ₃	O-acyl	H	S	5-Fluoro-6-Methyluracil	F	O-acyl
CF ₃	O-acyl	H	S	5-Fluoro-6-Methylcytosine	F	O-acyl
CF ₃	O-acyl	H	S	2-Fluoro-8-methyladenine	F	O-acyl
CF ₃	O-acyl	H	S	2-Fluoro-8-methylhypoxanthine	F	O-acyl
CF ₃	O-acyl	H	S	2-Amino-8-methyladenine	F	O-acyl
CF ₃	O-acyl	H	S	2-Amino-8-methylhypoxanthine	F	O-acyl
CF ₃	O-acyl	H	S	2-N-acetyl-8-methylguanine	F	O-acyl
CF ₃	O-acyl	H	S	4-N-acetyl-8-methylcytosine	F	O-acyl
CF ₃	O-acyl	H	S	6-N-acetyl-8-methyladenine	F	O-acyl
CF ₃	O-acyl	H	S	4-N-acetyl-5-fluoro-8-methylcytosine	F	O-acyl
CF ₃	O-acyl	H	S	6-N-acetyl-2-fluoro-8-methyladenine	F	O-acyl
CF ₃	O-acyl	H	S	6-N-acetyl-2-amino-8-methyladenine	F	O-acyl
CF ₃	O-acyl	H	S	2-N-acetylamino-8-methyladenine	F	O-acyl
CF ₃	O-acyl	H	S	2-N-acetylamino-8-methylhypoxanthine	F	O-acyl
CF ₃	O-acyl	H	S	6-Methylthymine	F	OH
CF ₃	O-acyl	H	S	6-Methyluracil	F	OH
CF ₃	O-acyl	H	S	8-Methylguanine	F	OH
CF ₃	O-acyl	H	S	6-Methylcytosine	F	OH
CF ₃	O-acyl	H	S	8-Methyladenine	F	OH
CF ₃	O-acyl	H	S	8-Methylhypoxanthine	F	OH
CF ₃	O-acyl	H	S	5-Fluoro-6-Methyluracil	F	OH
CF ₃	O-acyl	H	S	5-Fluoro-6-Methylcytosine	F	OH
CF ₃	O-acyl	H	S	2-Fluoro-8-methyladenine	F	OH
CF ₃	O-acyl	H	S	2-Fluoro-8-methylhypoxanthine	F	OH
CF ₃	O-acyl	H	S	2-Amino-8-methyladenine	F	OH
CF ₃	O-acyl	H	S	2-Amino-8-methylhypoxanthine	F	OH
CF ₃	O-acyl	H	S	2-N-acetyl-8-methylguanine	F	OH
CF ₃	O-acyl	H	S	4-N-acetyl-8-methylcytosine	F	OH
CF ₃	O-acyl	H	S	6-N-acetyl-8-methyladenine	F	OH
CF ₃	O-acyl	H	S	4-N-acetyl-5-fluoro-8-methylcytosine	F	OH
CF ₃	O-acyl	H	S	6-N-acetyl-2-fluoro-8-methyladenine	F	OH
CF ₃	O-acyl	H	S	6-N-acetyl-2-amino-8-methyladenine	F	OH
CF ₃	O-acyl	H	S	2-N-acetylamino-8-methyladenine	F	OH
CF ₃	O-acyl	H	S	2-N-acetylamino-8-methylhypoxanthine	F	OH
CF ₃	O-acyl	H	S	6-Methylthymine	Br	H
CF ₃	O-acyl	H	S	6-Methyluracil	Br	H
CF ₃	O-acyl	H	S	8-Methylguanine	Br	H
CF ₃	O-acyl	H	S	6-Methylcytosine	Br	H
CF ₃	O-acyl	H	S	8-Methyladenine	Br	H
CF ₃	O-acyl	H	S	8-Methylhypoxanthine	Br	H
CF ₃	O-acyl	H	S	5-Fluoro-6-Methyluracil	Br	H
CF ₃	O-acyl	H	S	5-Fluoro-6-Methylcytosine	Br	H
CF ₃	O-acyl	H	S	2-Fluoro-8-methyladenine	Br	H
CF ₃	O-acyl	H	S	2-Fluoro-8-methylhypoxanthine	Br	H
CF ₃	O-acyl	H	S	2-Amino-8-methyladenine	Br	H
CF ₃	O-acyl	H	S	2-Amino-8-methylhypoxanthine	Br	H
CF ₃	O-acyl	H	S	2-N-acetyl-8-methylguanine	Br	H
CF ₃	O-acyl	H	S	4-N-acetyl-8-methylcytosine	Br	H
CF ₃	O-acyl	H	S	6-N-acetyl-8-methyladenine	Br	H
CF ₃	O-acyl	H	S	4-N-acetyl-5-fluoro-8-methylcytosine	Br	H
CF ₃	O-acyl	H	S	6-N-acetyl-2-fluoro-8-methyladenine	Br	H
CF ₃	O-acyl	H	S	6-N-acetyl-2-amino-8-methyladenine	Br	H
CF ₃	O-acyl	H	S	2-N-acetylamino-8-methyladenine	Br	H
CF ₃	O-acyl	H	S	2-N-acetylamino-8-methylhypoxanthine	Br	H
CF ₃	O-acyl	H	S	6-Methylthymine	Br	O-amino acid
CF ₃	O-acyl	H	S	6-Methyluracil	Br	O-amino acid
CF ₃	O-acyl	H	S	8-Methylguanine	Br	O-amino acid
CF ₃	O-acyl	H	S	6-Methylcytosine	Br	O-amino acid
CF ₃	O-acyl	H	S	8-Methyladenine	Br	O-amino acid
CF ₃	O-acyl	H	S	8-Methylhypoxanthine	Br	O-amino acid
CF ₃	O-acyl	H	S	5-Fluoro-6-Methyluracil	Br	O-amino acid
CF ₃	O-acyl	H	S	5-Fluoro-6-Methylcytosine	Br	O-amino acid
CF ₃	O-acyl	H	S	2-Fluoro-8-methyladenine	Br	O-amino acid
CF ₃	O-acyl	H	S	2-Fluoro-8-methylhypoxanthine	Br	O-amino acid
CF ₃	O-acyl	H	S	2-Amino-8-methyladenine	Br	O-amino acid
CF ₃	O-acyl	H	S	2-Amino-8-methylhypoxanthine	Br	O-amino acid

TABLE 6-continued

R ⁶	R ⁷	R ⁸	X	Base	R ¹⁰	R ⁹
CF ₃	O-acyl	H	S	2-N-acetyl-8-methylguanine	Br	O-amino acid
CF ₃	O-acyl	H	S	4-N-acetyl-8-methylcytosine	Br	O-amino acid
CF ₃	O-acyl	H	S	6-N-acetyl-8-methyladenine	Br	O-amino acid
CF ₃	O-acyl	H	S	4-N-acetyl-5-fluoro-8-methylcytosine	Br	O-amino acid
CF ₃	O-acyl	H	S	6-N-acetyl-2-fluoro-8-methyladenine	Br	O-amino acid
CF ₃	O-acyl	H	S	6-N-acetyl-2-amino-8-methyladenine	Br	O-amino acid
CF ₃	O-acyl	H	S	2-N-acetylamino-8-methyladenine	Br	O-amino acid
CF ₃	O-acyl	H	S	2-N-acetylamino-8-methylhypoxanthine	Br	O-amino acid
CF ₃	O-acyl	H	S	6-Methylthymine	Br	O-acyl
CF ₃	O-acyl	H	S	6-Methyluracil	Br	O-acyl
CF ₃	O-acyl	H	S	8-Methylguanine	Br	O-acyl
CF ₃	O-acyl	H	S	6-Methylcytosine	Br	O-acyl
CF ₃	O-acyl	H	S	8-Methyladenine	Br	O-acyl
CF ₃	O-acyl	H	S	8-Methylhypoxanthine	Br	O-acyl
CF ₃	O-acyl	H	S	5-Fluoro-6-Methyluracil	Br	O-acyl
CF ₃	O-acyl	H	S	5-Fluoro-6-Methylcytosine	Br	O-acyl
CF ₃	O-acyl	H	S	2-Fluoro-8-methyladenine	Br	O-acyl
CF ₃	O-acyl	H	S	2-Fluoro-8-methylhypoxanthine	Br	O-acyl
CF ₃	O-acyl	H	S	2-Amino-8-methyladenine	Br	O-acyl
CF ₃	O-acyl	H	S	2-Amino-8-methylhypoxanthine	Br	O-acyl
CF ₃	O-acyl	H	S	2-N-acetyl-8-methylguanine	Br	O-acyl
CF ₃	O-acyl	H	S	4-N-acetyl-8-methylcytosine	Br	O-acyl
CF ₃	O-acyl	H	S	6-N-acetyl-8-methyladenine	Br	O-acyl
CF ₃	O-acyl	H	S	4-N-acetyl-5-fluoro-8-methylcytosine	Br	O-acyl
CF ₃	O-acyl	H	S	6-N-acetyl-2-fluoro-8-methyladenine	Br	O-acyl
CF ₃	O-acyl	H	S	6-N-acetyl-2-amino-8-methyladenine	Br	O-acyl
CF ₃	O-acyl	H	S	2-N-acetylamino-8-methyladenine	Br	O-acyl
CF ₃	O-acyl	H	S	2-N-acetylamino-8-methylhypoxanthine	Br	O-acyl
CF ₃	O-acyl	H	S	6-Methylthymine	Br	OH
CF ₃	O-acyl	H	S	6-Methyluracil	Br	OH
CF ₃	O-acyl	H	S	8-Methylguanine	Br	OH
CF ₃	O-acyl	H	S	6-Methylcytosine	Br	OH
CF ₃	O-acyl	H	S	8-Methyladenine	Br	OH
CF ₃	O-acyl	H	S	8-Methylhypoxanthine	Br	OH
CF ₃	O-acyl	H	S	5-Fluoro-6-Methyluracil	Br	OH
CF ₃	O-acyl	H	S	5-Fluoro-6-Methylcytosine	Br	OH
CF ₃	O-acyl	H	S	2-Fluoro-8-methyladenine	Br	OH
CF ₃	O-acyl	H	S	2-Fluoro-8-methylhypoxanthine	Br	OH
CF ₃	O-acyl	H	S	2-Amino-8-methyladenine	Br	OH
CF ₃	O-acyl	H	S	2-Amino-8-methylhypoxanthine	Br	OH
CF ₃	O-acyl	H	S	2-N-acetyl-8-methylguanine	Br	OH
CF ₃	O-acyl	H	S	4-N-acetyl-8-methylcytosine	Br	OH
CF ₃	O-acyl	H	S	6-N-acetyl-8-methyladenine	Br	OH
CF ₃	O-acyl	H	S	4-N-acetyl-5-fluoro-8-methylcytosine	Br	OH
CF ₃	O-acyl	H	S	6-N-acetyl-2-fluoro-8-methyladenine	Br	OH
CF ₃	O-acyl	H	S	6-N-acetyl-2-amino-8-methyladenine	Br	OH
CF ₃	O-acyl	H	S	2-N-acetylamino-8-methyladenine	Br	OH
CF ₃	O-acyl	H	S	2-N-acetylamino-8-methylhypoxanthine	Br	OH
CF ₃	O-acyl	H	S	6-Methylthymine	Cl	H
CF ₃	O-acyl	H	S	6-Methyluracil	Cl	H
CF ₃	O-acyl	H	S	8-Methylguanine	Cl	H
CF ₃	O-acyl	H	S	6-Methylcytosine	Cl	H
CF ₃	O-acyl	H	S	8-Methyladenine	Cl	H
CF ₃	O-acyl	H	S	8-Methylhypoxanthine	Cl	H
CF ₃	O-acyl	H	S	5-Fluoro-6-Methyluracil	Cl	H
CF ₃	O-acyl	H	S	5-Fluoro-6-Methylcytosine	Cl	H
CF ₃	O-acyl	H	S	2-Fluoro-8-methyladenine	Cl	H
CF ₃	O-acyl	H	S	2-Fluoro-8-methylhypoxanthine	Cl	H
CF ₃	O-acyl	H	S	2-Amino-8-methyladenine	Cl	H
CF ₃	O-acyl	H	S	2-Amino-8-methylhypoxanthine	Cl	H
CF ₃	O-acyl	H	S	2-N-acetyl-8-methylguanine	Cl	H
CF ₃	O-acyl	H	S	4-N-acetyl-8-methylcytosine	Cl	H
CF ₃	O-acyl	H	S	6-N-acetyl-8-methyladenine	Cl	H
CF ₃	O-acyl	H	S	4-N-acetyl-5-fluoro-8-methylcytosine	Cl	H
CF ₃	O-acyl	H	S	6-N-acetyl-2-fluoro-8-methyladenine	Cl	H
CF ₃	O-acyl	H	S	6-N-acetyl-2-amino-8-methyladenine	Cl	H
CF ₃	O-acyl	H	S	2-N-acetylamino-8-methyladenine	Cl	H
CF ₃	O-acyl	H	S	2-N-acetylamino-8-methylhypoxanthine	Cl	H
CF ₃	O-acyl	H	S	6-Methylthymine	Cl	O-amino acid
CF ₃	O-acyl	H	S	6-Methyluracil	Cl	O-amino acid
CF ₃	O-acyl	H	S	8-Methylguanine	Cl	O-amino acid
CF ₃	O-acyl	H	S	6-Methylcytosine	Cl	O-amino acid
CF ₃	O-acyl	H	S	8-Methyladenine	Cl	O-amino acid

TABLE 6-continued

R ⁶	R ⁷	R ⁸	X	Base	R ¹⁰	R ⁹
CF ₃	O-acyl	H	S	8-Methylhypoxanthine	Cl	O-amino acid
CF ₃	O-acyl	H	S	5-Fluoro-6-Methyluracil	Cl	O-amino acid
CF ₃	O-acyl	H	S	5-Fluoro-6-Methylcytosine	Cl	O-amino acid
CF ₃	O-acyl	H	S	2-Fluoro-8-methyladenine	Cl	O-amino acid
CF ₃	O-acyl	H	S	2-Fluoro-8-methylhypoxanthine	Cl	O-amino acid
CF ₃	O-acyl	H	S	2-Amino-8-methyladenine	Cl	O-amino acid
CF ₃	O-acyl	H	S	2-Amino-8-methylhypoxanthine	Cl	O-amino acid
CF ₃	O-acyl	H	S	2-N-acetyl-8-methylguanine	Cl	O-amino acid
CF ₃	O-acyl	H	S	4-N-acetyl-8-methylcytosine	Cl	O-amino acid
CF ₃	O-acyl	H	S	6-N-acetyl-8-methyladenine	Cl	O-amino acid
CF ₃	O-acyl	H	S	4-N-acetyl-5-fluoro-8-methylcytosine	Cl	O-amino acid
CF ₃	O-acyl	H	S	6-N-acetyl-2-fluoro-8-methyladenine	Cl	O-amino acid
CF ₃	O-acyl	H	S	6-N-acetyl-2-amino-8-methyladenine	Cl	O-amino acid
CF ₃	O-acyl	H	S	2-N-acetylamino-8-methyladenine	Cl	O-amino acid
CF ₃	O-acyl	H	S	2-N-acetylamino-8-methylhypoxanthine	Cl	O-amino acid
CF ₃	O-acyl	H	S	6-Methylthymine	Cl	O-acyl
CF ₃	O-acyl	H	S	6-Methyluracil	Cl	O-acyl
CF ₃	O-acyl	H	S	8-Methylguanine	Cl	O-acyl
CF ₃	O-acyl	H	S	6-Methylcytosine	Cl	O-acyl
CF ₃	O-acyl	H	S	8-Methyladenine	Cl	O-acyl
CF ₃	O-acyl	H	S	8-Methylhypoxanthine	Cl	O-acyl
CF ₃	O-acyl	H	S	5-Fluoro-6-Methyluracil	Cl	O-acyl
CF ₃	O-acyl	H	S	5-Fluoro-6-Methylcytosine	Cl	O-acyl
CF ₃	O-acyl	H	S	2-Fluoro-8-methyladenine	Cl	O-acyl
CF ₃	O-acyl	H	S	2-Fluoro-8-methylhypoxanthine	Cl	O-acyl
CF ₃	O-acyl	H	S	2-Amino-8-methyladenine	Cl	O-acyl
CF ₃	O-acyl	H	S	2-Amino-8-methylhypoxanthine	Cl	O-acyl
CF ₃	O-acyl	H	S	2-N-acetyl-8-methylguanine	Cl	O-acyl
CF ₃	O-acyl	H	S	4-N-acetyl-8-methylcytosine	Cl	O-acyl
CF ₃	O-acyl	H	S	6-N-acetyl-8-methyladenine	Cl	O-acyl
CF ₃	O-acyl	H	S	4-N-acetyl-5-fluoro-8-methylcytosine	Cl	O-acyl
CF ₃	O-acyl	H	S	6-N-acetyl-2-fluoro-8-methyladenine	Cl	O-acyl
CF ₃	O-acyl	H	S	6-N-acetyl-2-amino-8-methyladenine	Cl	O-acyl
CF ₃	O-acyl	H	S	2-N-acetylamino-8-methyladenine	Cl	O-acyl
CF ₃	O-acyl	H	S	2-N-acetylamino-8-methylhypoxanthine	Cl	O-acyl
CF ₃	O-acyl	H	S	6-Methylthymine	Cl	OH
CF ₃	O-acyl	H	S	6-Methyluracil	Cl	OH
CF ₃	O-acyl	H	S	8-Methylguanine	Cl	OH
CF ₃	O-acyl	H	S	6-Methylcytosine	Cl	OH
CF ₃	O-acyl	H	S	8-Methyladenine	Cl	OH
CF ₃	O-acyl	H	S	8-Methylhypoxanthine	Cl	OH
CF ₃	O-acyl	H	S	5-Fluoro-6-Methyluracil	Cl	OH
CF ₃	O-acyl	H	S	5-Fluoro-6-Methylcytosine	Cl	OH
CF ₃	O-acyl	H	S	2-Fluoro-8-methyladenine	Cl	OH
CF ₃	O-acyl	H	S	2-Fluoro-8-methylhypoxanthine	Cl	OH
CF ₃	O-acyl	H	S	2-Amino-8-methyladenine	Cl	OH
CF ₃	O-acyl	H	S	2-Amino-8-methylhypoxanthine	Cl	OH
CF ₃	O-acyl	H	S	2-N-acetyl-8-methylguanine	Cl	OH
CF ₃	O-acyl	H	S	4-N-acetyl-8-methylcytosine	Cl	OH
CF ₃	O-acyl	H	S	6-N-acetyl-8-methyladenine	Cl	OH
CF ₃	O-acyl	H	S	4-N-acetyl-5-fluoro-8-methylcytosine	Cl	OH
CF ₃	O-acyl	H	S	6-N-acetyl-2-fluoro-8-methyladenine	Cl	OH
CF ₃	O-acyl	H	S	6-N-acetyl-2-amino-8-methyladenine	Cl	OH
CF ₃	O-acyl	H	S	2-N-acetylamino-8-methyladenine	Cl	OH
CF ₃	O-acyl	H	S	2-N-acetylamino-8-methylhypoxanthine	Cl	OH
CF ₃	O-acyl	H	S	6-Methylthymine	H	H
CF ₃	O-acyl	H	S	6-Methyluracil	H	H
CF ₃	O-acyl	H	S	8-Methylguanine	H	H
CF ₃	O-acyl	H	S	6-Methylcytosine	H	H
CF ₃	O-acyl	H	S	8-Methyladenine	H	H
CF ₃	O-acyl	H	S	8-Methylhypoxanthine	H	H
CF ₃	O-acyl	H	S	5-Fluoro-6-Methyluracil	H	H
CF ₃	O-acyl	H	S	5-Fluoro-6-Methylcytosine	H	H
CF ₃	O-acyl	H	S	2-Fluoro-8-methyladenine	H	H
CF ₃	O-acyl	H	S	2-Fluoro-8-methylhypoxanthine	H	H
CF ₃	O-acyl	H	S	2-Amino-8-methyladenine	H	H
CF ₃	O-acyl	H	S	2-Amino-8-methylhypoxanthine	H	H
CF ₃	O-acyl	H	S	2-N-acetyl-8-methylguanine	H	H
CF ₃	O-acyl	H	S	4-N-acetyl-8-methylcytosine	H	H
CF ₃	O-acyl	H	S	6-N-acetyl-8-methyladenine	H	H
CF ₃	O-acyl	H	S	4-N-acetyl-5-fluoro-8-methylcytosine	H	H
CF ₃	O-acyl	H	S	6-N-acetyl-2-fluoro-8-methyladenine	H	H
CF ₃	O-acyl	H	S	6-N-acetyl-2-amino-8-methyladenine	H	H
CF ₃	O-acyl	H	S	2-N-acetylamino-8-methyladenine	H	H

TABLE 6-continued

R ⁶	R ⁷	R ⁸	X	Base	R ¹⁰	R ⁹
CF ₃	O-acyl	H	S	2-N-acetylamino-8-methylhypoxanthine	H	H
CF ₃	O-acyl	H	S	6-Methylthymine	H	O-amino acid
CF ₃	O-acyl	H	S	6-Methyluracil	H	O-amino acid
CF ₃	O-acyl	H	S	8-Methylguanine	H	O-amino acid
CF ₃	O-acyl	H	S	6-Methylcytosine	H	O-amino acid
CF ₃	O-acyl	H	S	8-Methyladenine	H	O-amino acid
CF ₃	O-acyl	H	S	8-Methylhypoxanthine	H	O-amino acid
CF ₃	O-acyl	H	S	5-Fluoro-6-Methyluracil	H	O-amino acid
CF ₃	O-acyl	H	S	5-Fluoro-6-Methylcytosine	H	O-amino acid
CF ₃	O-acyl	H	S	2-Fluoro-8-methyladenine	H	O-amino acid
CF ₃	O-acyl	H	S	2-Fluoro-8-methylhypoxanthine	H	O-amino acid
CF ₃	O-acyl	H	S	2-Amino-8-methyladenine	H	O-amino acid
CF ₃	O-acyl	H	S	2-Amino-8-methylhypoxanthine	H	O-amino acid
CF ₃	O-acyl	H	S	2-N-acetyl-8-methylguanine	H	O-amino acid
CF ₃	O-acyl	H	S	4-N-acetyl-8-methylcytosine	H	O-amino acid
CF ₃	O-acyl	H	S	6-N-acetyl-8-methyladenine	H	O-amino acid
CF ₃	O-acyl	H	S	4-N-acetyl-5-fluoro-8-methylcytosine	H	O-amino acid
CF ₃	O-acyl	H	S	6-N-acetyl-2-fluoro-8-methyladenine	H	O-amino acid
CF ₃	O-acyl	H	S	6-N-acetyl-2-amino-8-methyladenine	H	O-amino acid
CF ₃	O-acyl	H	S	2-N-acetyl-8-methyladenine	H	O-amino acid
CF ₃	O-acyl	H	S	2-N-acetylamino-8-methylhypoxanthine	H	O-amino acid
CF ₃	O-acyl	H	S	6-Methylthymine	H	O-acyl
CF ₃	O-acyl	H	S	6-Methyluracil	H	O-acyl
CF ₃	O-acyl	H	S	8-Methylguanine	H	O-acyl
CF ₃	O-acyl	H	S	6-Methylcytosine	H	O-acyl
CF ₃	O-acyl	H	S	8-Methyladenine	H	O-acyl
CF ₃	O-acyl	H	S	8-Methylhypoxanthine	H	O-acyl
CF ₃	O-acyl	H	S	5-Fluoro-6-Methyluracil	H	O-acyl
CF ₃	O-acyl	H	S	5-Fluoro-6-Methylcytosine	H	O-acyl
CF ₃	O-acyl	H	S	2-Fluoro-8-methyladenine	H	O-acyl
CF ₃	O-acyl	H	S	2-Fluoro-8-methylhypoxanthine	H	O-acyl
CF ₃	O-acyl	H	S	2-Amino-8-methyladenine	H	O-acyl
CF ₃	O-acyl	H	S	2-Amino-8-methylhypoxanthine	H	O-acyl
CF ₃	O-acyl	H	S	2-N-acetyl-8-methylguanine	H	O-acyl
CF ₃	O-acyl	H	S	4-N-acetyl-8-methylcytosine	H	O-acyl
CF ₃	O-acyl	H	S	6-N-acetyl-8-methyladenine	H	O-acyl
CF ₃	O-acyl	H	S	4-N-acetyl-5-fluoro-8-methylcytosine	H	O-acyl
CF ₃	O-acyl	H	S	6-N-acetyl-2-fluoro-8-methyladenine	H	O-acyl
CF ₃	O-acyl	H	S	6-N-acetyl-2-amino-8-methyladenine	H	O-acyl
CF ₃	O-acyl	H	S	2-N-acetylamino-8-methyladenine	H	O-acyl
CF ₃	O-acyl	H	S	2-N-acetylamino-8-methylhypoxanthine	H	O-acyl
CF ₃	O-acyl	H	S	6-Methylthymine	H	OH
CF ₃	O-acyl	H	S	6-Methyluracil	H	OH
CF ₃	O-acyl	H	S	8-Methylguanine	H	OH
CF ₃	O-acyl	H	S	6-Methylcytosine	H	OH
CF ₃	O-acyl	H	S	8-Methyladenine	H	OH
CF ₃	O-acyl	H	S	8-Methylhypoxanthine	H	OH
CF ₃	O-acyl	H	S	5-Fluoro-6-Methyluracil	H	OH
CF ₃	O-acyl	H	S	5-Fluoro-6-Methylcytosine	H	OH
CF ₃	O-acyl	H	S	2-Fluoro-8-methyladenine	H	OH
CF ₃	O-acyl	H	S	2-Fluoro-8-methylhypoxanthine	H	OH
CF ₃	O-acyl	H	S	2-Amino-8-methyladenine	H	OH
CF ₃	O-acyl	H	S	2-Amino-8-methylhypoxanthine	H	OH
CF ₃	O-acyl	H	S	2-N-acetyl-8-methylguanine	H	OH
CF ₃	O-acyl	H	S	4-N-acetyl-8-methylcytosine	H	OH
CF ₃	O-acyl	H	S	6-N-acetyl-8-methyladenine	H	OH
CF ₃	O-acyl	H	S	4-N-acetyl-5-fluoro-8-methylcytosine	H	OH
CF ₃	O-acyl	H	S	6-N-acetyl-2-fluoro-8-methyladenine	H	OH
CF ₃	O-acyl	H	S	6-N-acetyl-2-amino-8-methyladenine	H	OH
CF ₃	O-acyl	H	S	2-N-acetylamino-8-methyladenine	H	OH
CF ₃	O-acyl	H	S	2-N-acetylamino-8-methylhypoxanthine	H	OH
CF ₃	O-acyl	H	S	6-Methylthymine	OH	H
CF ₃	O-acyl	H	S	6-Methyluracil	OH	H
CF ₃	O-acyl	H	S	8-Methylguanine	OH	H
CF ₃	O-acyl	H	S	6-Methylcytosine	OH	H
CF ₃	O-acyl	H	S	8-Methyladenine	OH	H
CF ₃	O-acyl	H	S	8-Methylhypoxanthine	OH	H
CF ₃	O-acyl	H	S	5-Fluoro-6-Methyluracil	OH	H
CF ₃	O-acyl	H	S	5-Fluoro-6-Methylcytosine	OH	H
CF ₃	O-acyl	H	S	2-Fluoro-8-methyladenine	OH	H

TABLE 6-continued

R ⁶	R ⁷	R ⁸	X	Base	R ¹⁰	R ⁹
CF ₃	O-acyl	H	S	2-Fluoro-8-methylhypoxanthine	OH	H
CF ₃	O-acyl	H	S	2-Amino-8-methyladenine	OH	H
CF ₃	O-acyl	H	S	2-Amino-8-methylhypoxanthine	OH	H
CF ₃	O-acyl	H	S	2-N-acetyl-8-methylguanine	OH	H
CF ₃	O-acyl	H	S	4-N-acetyl-8-methylcytosine	OH	H
CF ₃	O-acyl	H	S	6-N-acetyl-8-methyladenine	OH	H
CF ₃	O-acyl	H	S	4-N-acetyl-5-fluoro-8-methylcytosine	OH	H
CF ₃	O-acyl	H	S	6-N-acetyl-2-fluoro-8-methyladenine	OH	H
CF ₃	O-acyl	H	S	6-N-acetyl-2-amino-8-methyladenine	OH	H
CF ₃	O-acyl	H	S	2-N-acetylamino-8-methyladenine	OH	H
CF ₃	O-acyl	H	S	2-N-acetylamino-8-methylhypoxanthine	OH	H
CF ₃	O-amino acid	F	S	6-Methylthymine	F	H
CF ₃	O-amino acid	F	S	6-Methyluracil	F	H
CF ₃	O-amino acid	F	S	8-Methylguanine	F	H
CF ₃	O-amino acid	F	S	6-Methylcytosine	F	H
CF ₃	O-amino acid	F	S	8-Methyladenine	F	H
CF ₃	O-amino acid	F	S	8-Methylhypoxanthine	F	H
CF ₃	O-amino acid	F	S	5-Fluoro-6-Methyluracil	F	H
CF ₃	O-amino acid	F	S	5-Fluoro-6-Methylcytosine	F	H
CF ₃	O-amino acid	F	S	2-Fluoro-8-methyladenine	F	H
CF ₃	O-amino acid	F	S	2-Fluoro-8-methylhypoxanthine	F	H
CF ₃	O-amino acid	F	S	2-Amino-8-methyladenine	F	H
CF ₃	O-amino acid	F	S	2-Amino-8-methylhypoxanthine	F	H
CF ₃	O-amino acid	F	S	2-N-acetyl-8-methylguanine	F	H
CF ₃	O-amino acid	F	S	4-N-acetyl-8-methylcytosine	F	H
CF ₃	O-amino acid	F	S	6-N-acetyl-8-methyladenine	F	H
CF ₃	O-amino acid	F	S	4-N-acetyl-5-fluoro-8-methylcytosine	F	H
CF ₃	O-amino acid	F	S	6-N-acetyl-2-fluoro-8-methyladenine	F	H
CF ₃	O-amino acid	F	S	6-N-acetyl-2-amino-8-methyladenine	F	H
CF ₃	O-amino acid	F	S	2-N-acetylamino-8-methyladenine	F	H
CF ₃	O-amino acid	F	S	2-N-acetylamino-8-methylhypoxanthine	F	H
CF ₃	O-amino acid	F	S	6-Methylthymine	F	O-amino acid
CF ₃	O-amino acid	F	S	6-Methyluracil	F	O-amino acid
CF ₃	O-amino acid	F	S	8-Methylguanine	F	O-amino acid
CF ₃	O-amino acid	F	S	6-Methylcytosine	F	O-amino acid
CF ₃	O-amino acid	F	S	8-Methyladenine	F	O-amino acid
CF ₃	O-amino acid	F	S	8-Methylhypoxanthine	F	O-amino acid
CF ₃	O-amino acid	F	S	5-Fluoro-6-Methyluracil	F	O-amino acid
CF ₃	O-amino acid	F	S	5-Fluoro-6-Methylcytosine	F	O-amino acid
CF ₃	O-amino acid	F	S	2-Fluoro-8-methyladenine	F	O-amino acid
CF ₃	O-amino acid	F	S	2-Fluoro-8-methylhypoxanthine	F	O-amino acid
CF ₃	O-amino acid	F	S	2-Amino-8-methyladenine	F	O-amino acid
CF ₃	O-amino acid	F	S	2-Amino-8-methylhypoxanthine	F	O-amino acid
CF ₃	O-amino acid	F	S	2-N-acetyl-8-methylguanine	F	O-amino acid
CF ₃	O-amino acid	F	S	4-N-acetyl-8-methylcytosine	F	O-amino acid
CF ₃	O-amino acid	F	S	6-N-acetyl-8-methyladenine	F	O-amino acid
CF ₃	O-amino acid	F	S	4-N-acetyl-5-fluoro-8-methylcytosine	F	O-amino acid
CF ₃	O-amino acid	F	S	6-N-acetyl-2-fluoro-8-methyladenine	F	O-amino acid
CF ₃	O-amino acid	F	S	6-N-acetyl-2-amino-8-methyladenine	F	O-amino acid
CF ₃	O-amino acid	F	S	2-N-acetylamino-8-methyladenine	F	O-amino acid
CF ₃	O-amino acid	F	S	2-N-acetylamino-8-methylhypoxanthine	F	O-amino acid
CF ₃	O-amino acid	F	S	6-Methylthymine	F	O-acyl
CF ₃	O-amino acid	F	S	6-Methyluracil	F	O-acyl
CF ₃	O-amino acid	F	S	8-Methylguanine	F	O-acyl
CF ₃	O-amino acid	F	S	6-Methylcytosine	F	O-acyl
CF ₃	O-amino acid	F	S	8-Methyladenine	F	O-acyl
CF ₃	O-amino acid	F	S	8-Methylhypoxanthine	F	O-acyl
CF ₃	O-amino acid	F	S	5-Fluoro-6-Methyluracil	F	O-acyl
CF ₃	O-amino acid	F	S	5-Fluoro-6-Methylcytosine	F	O-acyl
CF ₃	O-amino acid	F	S	2-Fluoro-8-methyladenine	F	O-acyl
CF ₃	O-amino acid	F	S	2-Fluoro-8-methylhypoxanthine	F	O-acyl
CF ₃	O-amino acid	F	S	2-Amino-8-methyladenine	F	O-acyl
CF ₃	O-amino acid	F	S	2-Amino-8-methylhypoxanthine	F	O-acyl
CF ₃	O-amino acid	F	S	2-N-acetyl-8-methylguanine	F	O-acyl
CF ₃	O-amino acid	F	S	4-N-acetyl-8-methylcytosine	F	O-acyl
CF ₃	O-amino acid	F	S	6-N-acetyl-8-methyladenine	F	O-acyl
CF ₃	O-amino acid	F	S	4-N-acetyl-5-fluoro-8-methylcytosine	F	O-acyl
CF ₃	O-amino acid	F	S	6-N-acetyl-2-fluoro-8-methyladenine	F	O-acyl
CF ₃	O-amino acid	F	S	6-N-acetyl-2-amino-8-methyladenine	F	O-acyl
CF ₃	O-amino acid	F	S	2-N-acetylamino-8-methyladenine	F	O-acyl
CF ₃	O-amino acid	F	S	2-N-acetylamino-8-methylhypoxanthine	F	O-acyl
CF ₃	O-amino acid	F	S	6-Methylthymine	F	OH
CF ₃	O-amino acid	F	S	6-Methyluracil	F	OH

TABLE 6-continued

R ⁶	R ⁷	R ⁸	X	Base	R ¹⁰	R ⁹
CF ₃	O-amino acid	F	S	8-Methylguanine	F	OH
CF ₃	O-amino acid	F	S	6-Methylcytosine	F	OH
CF ₃	O-amino acid	F	S	8-Methyladenine	F	OH
CF ₃	O-amino acid	F	S	8-Methylhypoxanthine	F	OH
CF ₃	O-amino acid	F	S	5-Fluoro-6-Methyluracil	F	OH
CF ₃	O-amino acid	F	S	5-Fluoro-6-Methylcytosine	F	OH
CF ₃	O-amino acid	F	S	2-Fluoro-8-methyladenine	F	OH
CF ₃	O-amino acid	F	S	2-Fluoro-8-methylhypoxanthine	F	OH
CF ₃	O-amino acid	F	S	2-Amino-8-methyladenine	F	OH
CF ₃	O-amino acid	F	S	2-Amino-8-methylhypoxanthine	F	OH
CF ₃	O-amino acid	F	S	2-N-acetyl-8-methylguanine	F	OH
CF ₃	O-amino acid	F	S	4-N-acetyl-8-methylcytosine	F	OH
CF ₃	O-amino acid	F	S	6-N-acetyl-8-methyladenine	F	OH
CF ₃	O-amino acid	F	S	4-N-acetyl-5-fluoro-8-methylcytosine	F	OH
CF ₃	O-amino acid	F	S	6-N-acetyl-2-fluoro-8-methyladenine	F	OH
CF ₃	O-amino acid	F	S	6-N-acetyl-2-amino-8-methyladenine	F	OH
CF ₃	O-amino acid	F	S	2-N-acetylamino-8-methyladenine	F	OH
CF ₃	O-amino acid	F	S	2-N-acetylamino-8-methylhypoxanthine	F	OH
CF ₃	O-amino acid	F	S	6-Methylthymine	Br	H
CF ₃	O-amino acid	F	S	6-Methyluracil	Br	H
CF ₃	O-amino acid	F	S	8-Methylguanine	Br	H
CF ₃	O-amino acid	F	S	6-Methylcytosine	Br	H
CF ₃	O-amino acid	F	S	8-Methyladenine	Br	H
CF ₃	O-amino acid	F	S	8-Methylhypoxanthine	Br	H
CF ₃	O-amino acid	F	S	5-Fluoro-6-Methyluracil	Br	H
CF ₃	O-amino acid	F	S	5-Fluoro-6-Methylcytosine	Br	H
CF ₃	O-amino acid	F	S	2-Fluoro-8-methyladenine	Br	H
CF ₃	O-amino acid	F	S	2-Fluoro-8-methylhypoxanthine	Br	H
CF ₃	O-amino acid	F	S	2-Amino-8-methyladenine	Br	H
CF ₃	O-amino acid	F	S	2-Amino-8-methylhypoxanthine	Br	H
CF ₃	O-amino acid	F	S	2-N-acetyl-8-methylguanine	Br	H
CF ₃	O-amino acid	F	S	4-N-acetyl-8-methylcytosine	Br	H
CF ₃	O-amino acid	F	S	6-N-acetyl-8-methyladenine	Br	H
CF ₃	O-amino acid	F	S	4-N-acetyl-5-fluoro-8-methylcytosine	Br	H
CF ₃	O-amino acid	F	S	6-N-acetyl-2-fluoro-8-methyladenine	Br	H
CF ₃	O-amino acid	F	S	6-N-acetyl-2-amino-8-methyladenine	Br	H
CF ₃	O-amino acid	F	S	2-N-acetylamino-8-methyladenine	Br	H
CF ₃	O-amino acid	F	S	2-N-acetylamino-8-methylhypoxanthine	Br	H
CF ₃	O-amino acid	F	S	6-Methylthymine	Br	O-amino acid
CF ₃	O-amino acid	F	S	6-Methyluracil	Br	O-amino acid
CF ₃	O-amino acid	F	S	8-Methylguanine	Br	O-amino acid
CF ₃	O-amino acid	F	S	6-Methylcytosine	Br	O-amino acid
CF ₃	O-amino acid	F	S	8-Methyladenine	Br	O-amino acid
CF ₃	O-amino acid	F	S	8-Methylhypoxanthine	Br	O-amino acid
CF ₃	O-amino acid	F	S	5-Fluoro-6-Methyluracil	Br	O-amino acid
CF ₃	O-amino acid	F	S	5-Fluoro-6-Methylcytosine	Br	O-amino acid
CF ₃	O-amino acid	F	S	2-Fluoro-8-methyladenine	Br	O-amino acid
CF ₃	O-amino acid	F	S	2-Fluoro-8-methylhypoxanthine	Br	O-amino acid
CF ₃	O-amino acid	F	S	2-Amino-8-methyladenine	Br	O-amino acid
CF ₃	O-amino acid	F	S	2-Amino-8-methylhypoxanthine	Br	O-amino acid
CF ₃	O-amino acid	F	S	2-N-acetyl-8-methylguanine	Br	O-amino acid
CF ₃	O-amino acid	F	S	4-N-acetyl-8-methylcytosine	Br	O-amino acid
CF ₃	O-amino acid	F	S	6-N-acetyl-8-methyladenine	Br	O-amino acid
CF ₃	O-amino acid	F	S	4-N-acetyl-5-fluoro-8-methylcytosine	Br	O-amino acid
CF ₃	O-amino acid	F	S	6-N-acetyl-2-fluoro-8-methyladenine	Br	O-amino acid
CF ₃	O-amino acid	F	S	6-N-acetyl-2-amino-8-methyladenine	Br	O-amino acid
CF ₃	O-amino acid	F	S	2-N-acetylamino-8-methyladenine	Br	O-amino acid
CF ₃	O-amino acid	F	S	2-N-acetylamino-8-methylhypoxanthine	Br	O-amino acid
CF ₃	O-amino acid	F	S	6-Methylthymine	Br	O-acyl
CF ₃	O-amino acid	F	S	6-Methyluracil	Br	O-acyl
CF ₃	O-amino acid	F	S	8-Methylguanine	Br	O-acyl
CF ₃	O-amino acid	F	S	6-Methylcytosine	Br	O-acyl
CF ₃	O-amino acid	F	S	8-Methyladenine	Br	O-acyl
CF ₃	O-amino acid	F	S	8-Methylhypoxanthine	Br	O-acyl
CF ₃	O-amino acid	F	S	5-Fluoro-6-Methyluracil	Br	O-acyl
CF ₃	O-amino acid	F	S	5-Fluoro-6-Methylcytosine	Br	O-acyl
CF ₃	O-amino acid	F	S	2-Fluoro-8-methyladenine	Br	O-acyl
CF ₃	O-amino acid	F	S	2-Fluoro-8-methylhypoxanthine	Br	O-acyl
CF ₃	O-amino acid	F	S	2-Amino-8-methyladenine	Br	O-acyl
CF ₃	O-amino acid	F	S	2-Amino-8-methylhypoxanthine	Br	O-acyl
CF ₃	O-amino acid	F	S	2-N-acetyl-8-methylguanine	Br	O-acyl
CF ₃	O-amino acid	F	S	4-N-acetyl-8-methylcytosine	Br	O-acyl
CF ₃	O-amino acid	F	S	6-N-acetyl-8-methyladenine	Br	O-acyl
CF ₃	O-amino acid	F	S	4-N-acetyl-5-fluoro-8-methylcytosine	Br	O-acyl

TABLE 6-continued

R ⁶	R ⁷	R ⁸	X	Base	R ¹⁰	R ⁹
CF ₃	O-amino acid	F	S	6-N-acetyl-2-fluoro-8-methyladenine	Br	O-acyl
CF ₃	O-amino acid	F	S	6-N-acetyl-2-amino-8-methyladenine	Br	O-acyl
CF ₃	O-amino acid	F	S	2-N-acetylamino-8-methyladenine	Br	O-acyl
CF ₃	O-amino acid	F	S	2-N-acetylamino-8-methylhypoxanthine	Br	O-acyl
CF ₃	O-amino acid	F	S	6-Methylthymine	Br	OH
CF ₃	O-amino acid	F	S	6-Methyluracil	Br	OH
CF ₃	O-amino acid	F	S	8-Methylguanine	Br	OH
CF ₃	O-amino acid	F	S	6-Methylcytosine	Br	OH
CF ₃	O-amino acid	F	S	8-Methyladenine	Br	OH
CF ₃	O-amino acid	F	S	8-Methylhypoxanthine	Br	OH
CF ₃	O-amino acid	F	S	5-Fluoro-6-Methyluracil	Br	OH
CF ₃	O-amino acid	F	S	5-Fluoro-6-Methylcytosine	Br	OH
CF ₃	O-amino acid	F	S	2-Fluoro-8-methyladenine	Br	OH
CF ₃	O-amino acid	F	S	2-Fluoro-8-methylhypoxanthine	Br	OH
CF ₃	O-amino acid	F	S	2-Amino-8-methyladenine	Br	OH
CF ₃	O-amino acid	F	S	2-Amino-8-methylhypoxanthine	Br	OH
CF ₃	O-amino acid	F	S	2-N-acetyl-8-methylguanine	Br	OH
CF ₃	O-amino acid	F	S	4-N-acetyl-8-methylcytosine	Br	OH
CF ₃	O-amino acid	F	S	6-N-acetyl-8-methyladenine	Br	OH
CF ₃	O-amino acid	F	S	4-N-acetyl-5-fluoro-8-methylcytosine	Br	OH
CF ₃	O-amino acid	F	S	6-N-acetyl-2-fluoro-8-methyladenine	Br	OH
CF ₃	O-amino acid	F	S	6-N-acetyl-2-amino-8-methyladenine	Br	OH
CF ₃	O-amino acid	F	S	2-N-acetylamino-8-methyladenine	Br	OH
CF ₃	O-amino acid	F	S	2-N-acetylamino-8-methylhypoxanthine	Br	OH
CF ₃	O-amino acid	F	S	6-Methylthymine	Cl	H
CF ₃	O-amino acid	F	S	6-Methyluracil	Cl	H
CF ₃	O-amino acid	F	S	8-Methylguanine	Cl	H
CF ₃	O-amino acid	F	S	6-Methylcytosine	Cl	H
CF ₃	O-amino acid	F	S	8-Methyladenine	Cl	H
CF ₃	O-amino acid	F	S	8-Methylhypoxanthine	Cl	H
CF ₃	O-amino acid	F	S	5-Fluoro-6-Methyluracil	Cl	H
CF ₃	O-amino acid	F	S	5-Fluoro-6-Methylcytosine	Cl	H
CF ₃	O-amino acid	F	S	2-Fluoro-8-methyladenine	Cl	H
CF ₃	O-amino acid	F	S	2-Fluoro-8-methylhypoxanthine	Cl	H
CF ₃	O-amino acid	F	S	2-Amino-8-methyladenine	Cl	H
CF ₃	O-amino acid	F	S	2-Amino-8-methylhypoxanthine	Cl	H
CF ₃	O-amino acid	F	S	2-N-acetyl-8-methylguanine	Cl	H
CF ₃	O-amino acid	F	S	4-N-acetyl-8-methylcytosine	Cl	H
CF ₃	O-amino acid	F	S	6-N-acetyl-8-methyladenine	Cl	H
CF ₃	O-amino acid	F	S	4-N-acetyl-5-fluoro-8-methylcytosine	Cl	H
CF ₃	O-amino acid	F	S	6-N-acetyl-2-fluoro-8-methyladenine	Cl	H
CF ₃	O-amino acid	F	S	6-N-acetyl-2-amino-8-methyladenine	Cl	H
CF ₃	O-amino acid	F	S	2-N-acetylamino-8-methyladenine	Cl	H
CF ₃	O-amino acid	F	S	2-N-acetylamino-8-methylhypoxanthine	Cl	H
CF ₃	O-amino acid	F	S	6-Methylthymine	Cl	O-amino acid
CF ₃	O-amino acid	F	S	6-Methyluracil	Cl	O-amino acid
CF ₃	O-amino acid	F	S	8-Methylguanine	Cl	O-amino acid
CF ₃	O-amino acid	F	S	6-Methylcytosine	Cl	O-amino acid
CF ₃	O-amino acid	F	S	8-Methyladenine	Cl	O-amino acid
CF ₃	O-amino acid	F	S	8-Methylhypoxanthine	Cl	O-amino acid
CF ₃	O-amino acid	F	S	5-Fluoro-6-Methyluracil	Cl	O-amino acid
CF ₃	O-amino acid	F	S	5-Fluoro-6-Methylcytosine	Cl	O-amino acid
CF ₃	O-amino acid	F	S	2-Fluoro-8-methyladenine	Cl	O-amino acid
CF ₃	O-amino acid	F	S	2-Fluoro-8-methylhypoxanthine	Cl	O-amino acid
CF ₃	O-amino acid	F	S	2-Amino-8-methyladenine	Cl	O-amino acid
CF ₃	O-amino acid	F	S	2-Amino-8-methylhypoxanthine	Cl	O-amino acid
CF ₃	O-amino acid	F	S	2-N-acetyl-8-methylguanine	Cl	O-amino acid
CF ₃	O-amino acid	F	S	4-N-acetyl-8-methylcytosine	Cl	O-amino acid
CF ₃	O-amino acid	F	S	6-N-acetyl-8-methyladenine	Cl	O-amino acid
CF ₃	O-amino acid	F	S	4-N-acetyl-5-fluoro-8-methylcytosine	Cl	O-amino acid
CF ₃	O-amino acid	F	S	6-N-acetyl-2-fluoro-8-methyladenine	Cl	O-amino acid
CF ₃	O-amino acid	F	S	6-N-acetyl-2-amino-8-methyladenine	Cl	O-amino acid
CF ₃	O-amino acid	F	S	2-N-acetylamino-8-methyladenine	Cl	O-amino acid
CF ₃	O-amino acid	F	S	2-N-acetylamino-8-methylhypoxanthine	Cl	O-amino acid
CF ₃	O-amino acid	F	S	6-Methylthymine	Cl	O-acyl
CF ₃	O-amino acid	F	S	6-Methyluracil	Cl	O-acyl
CF ₃	O-amino acid	F	S	8-Methylguanine	Cl	O-acyl
CF ₃	O-amino acid	F	S	6-Methylcytosine	Cl	O-acyl
CF ₃	O-amino acid	F	S	8-Methyladenine	Cl	O-acyl
CF ₃	O-amino acid	F	S	8-Methylhypoxanthine	Cl	O-acyl
CF ₃	O-amino acid	F	S	5-Fluoro-6-Methyluracil	Cl	O-acyl
CF ₃	O-amino acid	F	S	5-Fluoro-6-Methylcytosine	Cl	O-acyl
CF ₃	O-amino acid	F	S	2-Fluoro-8-methyladenine	Cl	O-acyl

TABLE 6-continued

R ⁶	R ⁷	R ⁸	X	Base	R ¹⁰	R ⁹
CF ₃	O-amino acid	F	S	2-Fluoro-8-methylhypoxanthine	Cl	O-acyl
CF ₃	O-amino acid	F	S	2-Amino-8-methyladenine	Cl	O-acyl
CF ₃	O-amino acid	F	S	2-Amino-8-methylhypoxanthine	Cl	O-acyl
CF ₃	O-amino acid	F	S	2-N-acetyl-8-methylguanine	Cl	O-acyl
CF ₃	O-amino acid	F	S	4-N-acetyl-8-methylcytosine	Cl	O-acyl
CF ₃	O-amino acid	F	S	6-N-acetyl-8-methyladenine	Cl	O-acyl
CF ₃	O-amino acid	F	S	4-N-acetyl-5-fluoro-8-methylcytosine	Cl	O-acyl
CF ₃	O-amino acid	F	S	6-N-acetyl-2-fluoro-8-methyladenine	Cl	O-acyl
CF ₃	O-amino acid	F	S	6-N-acetyl-2-amino-8-methyladenine	Cl	O-acyl
CF ₃	O-amino acid	F	S	2-N-acetylamino-8-methyladenine	Cl	O-acyl
CF ₃	O-amino acid	F	S	2-N-acetylamino-8-methylhypoxanthine	Cl	O-acyl
CF ₃	O-amino acid	F	S	6-Methylthymine	Cl	OH
CF ₃	O-amino acid	F	S	6-Methyluracil	Cl	OH
CF ₃	O-amino acid	F	S	8-Methylguanine	Cl	OH
CF ₃	O-amino acid	F	S	6-Methylcytosine	Cl	OH
CF ₃	O-amino acid	F	S	8-Methyladenine	Cl	OH
CF ₃	O-amino acid	F	S	8-Methylhypoxanthine	Cl	OH
CF ₃	O-amino acid	F	S	5-Fluoro-6-Methyluracil	Cl	OH
CF ₃	O-amino acid	F	S	5-Fluoro-6-Methylcytosine	Cl	OH
CF ₃	O-amino acid	F	S	2-Fluoro-8-methyladenine	Cl	OH
CF ₃	O-amino acid	F	S	2-Fluoro-8-methylhypoxanthine	Cl	OH
CF ₃	O-amino acid	F	S	2-Amino-8-methyladenine	Cl	OH
CF ₃	O-amino acid	F	S	2-Amino-8-methylhypoxanthine	Cl	OH
CF ₃	O-amino acid	F	S	2-N-acetyl-8-methylguanine	Cl	OH
CF ₃	O-amino acid	F	S	4-N-acetyl-8-methylcytosine	Cl	OH
CF ₃	O-amino acid	F	S	6-N-acetyl-8-methyladenine	Cl	OH
CF ₃	O-amino acid	F	S	4-N-acetyl-5-fluoro-8-methylcytosine	Cl	OH
CF ₃	O-amino acid	F	S	6-N-acetyl-2-fluoro-8-methyladenine	Cl	OH
CF ₃	O-amino acid	F	S	6-N-acetyl-2-amino-8-methyladenine	Cl	OH
CF ₃	O-amino acid	F	S	2-N-acetylamino-8-methyladenine	Cl	OH
CF ₃	O-amino acid	F	S	2-N-acetylamino-8-methylhypoxanthine	Cl	OH
CF ₃	O-amino acid	F	S	6-Methylthymine	H	H
CF ₃	O-amino acid	F	S	6-Methyluracil	H	H
CF ₃	O-amino acid	F	S	8-Methylguanine	H	H
CF ₃	O-amino acid	F	S	6-Methylcytosine	H	H
CF ₃	O-amino acid	F	S	8-Methyladenine	H	H
CF ₃	O-amino acid	F	S	8-Methylhypoxanthine	H	H
CF ₃	O-amino acid	F	S	5-Fluoro-6-Methyluracil	H	H
CF ₃	O-amino acid	F	S	5-Fluoro-6-Methylcytosine	H	H
CF ₃	O-amino acid	F	S	2-Fluoro-8-methyladenine	H	H
CF ₃	O-amino acid	F	S	2-Fluoro-8-methylhypoxanthine	H	H
CF ₃	O-amino acid	F	S	2-Amino-8-methyladenine	H	H
CF ₃	O-amino acid	F	S	2-Amino-8-methylhypoxanthine	H	H
CF ₃	O-amino acid	F	S	2-N-acetyl-8-methylguanine	H	H
CF ₃	O-amino acid	F	S	4-N-acetyl-8-methylcytosine	H	H
CF ₃	O-amino acid	F	S	6-N-acetyl-8-methyladenine	H	H
CF ₃	O-amino acid	F	S	4-N-acetyl-5-fluoro-8-methylcytosine	H	H
CF ₃	O-amino acid	F	S	6-N-acetyl-2-fluoro-8-methyladenine	H	H
CF ₃	O-amino acid	F	S	6-N-acetyl-2-amino-8-methyladenine	H	H
CF ₃	O-amino acid	F	S	2-N-acetylamino-8-methyladenine	H	H
CF ₃	O-amino acid	F	S	2-N-acetylamino-8-methylhypoxanthine	H	H
CF ₃	O-amino acid	F	S	6-Methylthymine	H	O-amino acid
CF ₃	O-amino acid	F	S	6-Methyluracil	H	O-amino acid
CF ₃	O-amino acid	F	S	8-Methylguanine	H	O-amino acid
CF ₃	O-amino acid	F	S	6-Methylcytosine	H	O-amino acid
CF ₃	O-amino acid	F	S	8-Methyladenine	H	O-amino acid
CF ₃	O-amino acid	F	S	8-Methylhypoxanthine	H	O-amino acid
CF ₃	O-amino acid	F	S	5-Fluoro-6-Methyluracil	H	O-amino acid
CF ₃	O-amino acid	F	S	5-Fluoro-6-Methylcytosine	H	O-amino acid
CF ₃	O-amino acid	F	S	2-Fluoro-8-methyladenine	H	O-amino acid
CF ₃	O-amino acid	F	S	2-Fluoro-8-methylhypoxanthine	H	O-amino acid
CF ₃	O-amino acid	F	S	2-Amino-8-methyladenine	H	O-amino acid
CF ₃	O-amino acid	F	S	2-Amino-8-methylhypoxanthine	H	O-amino acid
CF ₃	O-amino acid	F	S	2-N-acetyl-8-methylguanine	H	O-amino acid
CF ₃	O-amino acid	F	S	4-N-acetyl-8-methylcytosine	H	O-amino acid
CF ₃	O-amino acid	F	S	6-N-acetyl-8-methyladenine	H	O-amino acid
CF ₃	O-amino acid	F	S	4-N-acetyl-5-fluoro-8-methylcytosine	H	O-amino acid
CF ₃	O-amino acid	F	S	6-N-acetyl-2-fluoro-8-methyladenine	H	O-amino acid
CF ₃	O-amino acid	F	S	6-N-acetyl-2-amino-8-methyladenine	H	O-amino acid
CF ₃	O-amino acid	F	S	2-N-acetylamino-8-methyladenine	H	O-amino acid
CF ₃	O-amino acid	F	S	2-N-acetylamino-8-methylhypoxanthine	H	O-amino acid
CF ₃	O-amino acid	F	S	6-Methylthymine	H	O-acyl
CF ₃	O-amino acid	F	S	6-Methyluracil	H	O-acyl

TABLE 6-continued

R ⁶	R ⁷	R ⁸	X	Base	R ¹⁰	R ⁹
CF ₃	O-amino acid	F	S	8-Methylguanine	H	O-acyl
CF ₃	O-amino acid	F	S	6-Methylcytosine	H	O-acyl
CF ₃	O-amino acid	F	S	8-Methyladenine	H	O-acyl
CF ₃	O-amino acid	F	S	8-Methylhypoxanthine	H	O-acyl
CF ₃	O-amino acid	F	S	5-Fluoro-6-Methyluracil	H	O-acyl
CF ₃	O-amino acid	F	S	5-Fluoro-6-Methylcytosine	H	O-acyl
CF ₃	O-amino acid	F	S	2-Fluoro-8-methyladenine	H	O-acyl
CF ₃	O-amino acid	F	S	2-Fluoro-8-methylhypoxanthine	H	O-acyl
CF ₃	O-amino acid	F	S	2-Amino-8-methyladenine	H	O-acyl
CF ₃	O-amino acid	F	S	2-Amino-8-methylhypoxanthine	H	O-acyl
CF ₃	O-amino acid	F	S	2-N-acetyl-8-methylguanine	H	O-acyl
CF ₃	O-amino acid	F	S	4-N-acetyl-8-methylcytosine	H	O-acyl
CF ₃	O-amino acid	F	S	6-N-acetyl-8-methyladenine	H	O-acyl
CF ₃	O-amino acid	F	S	4-N-acetyl-5-fluoro-8-methylcytosine	H	O-acyl
CF ₃	O-amino acid	F	S	6-N-acetyl-2-fluoro-8-methyladenine	H	O-acyl
CF ₃	O-amino acid	F	S	6-N-acetyl-2-amino-8-methyladenine	H	O-acyl
CF ₃	O-amino acid	F	S	2-N-acetylamino-8-methyladenine	H	O-acyl
CF ₃	O-amino acid	F	S	2-N-acetylamino-8-methylhypoxanthine	H	O-acyl
CF ₃	O-amino acid	F	S	6-Methylthymine	H	OH
CF ₃	O-amino acid	F	S	6-Methyluracil	H	OH
CF ₃	O-amino acid	F	S	8-Methylguanine	H	OH
CF ₃	O-amino acid	F	S	6-Methylcytosine	H	OH
CF ₃	O-amino acid	F	S	8-Methyladenine	H	OH
CF ₃	O-amino acid	F	S	8-Methylhypoxanthine	H	OH
CF ₃	O-amino acid	F	S	5-Fluoro-6-Methyluracil	H	OH
CF ₃	O-amino acid	F	S	5-Fluoro-6-Methylcytosine	H	OH
CF ₃	O-amino acid	F	S	2-Fluoro-8-methyladenine	H	OH
CF ₃	O-amino acid	F	S	2-Fluoro-8-methylhypoxanthine	H	OH
CF ₃	O-amino acid	F	S	2-Amino-8-methyladenine	H	OH
CF ₃	O-amino acid	F	S	2-Amino-8-methylhypoxanthine	H	OH
CF ₃	O-amino acid	F	S	2-N-acetyl-8-methylguanine	H	OH
CF ₃	O-amino acid	F	S	4-N-acetyl-8-methylcytosine	H	OH
CF ₃	O-amino acid	F	S	6-N-acetyl-8-methyladenine	H	OH
CF ₃	O-amino acid	F	S	4-N-acetyl-5-fluoro-8-methylcytosine	H	OH
CF ₃	O-amino acid	F	S	6-N-acetyl-2-fluoro-8-methyladenine	H	OH
CF ₃	O-amino acid	F	S	6-N-acetyl-2-amino-8-methyladenine	H	OH
CF ₃	O-amino acid	F	S	2-N-acetylamino-8-methyladenine	H	OH
CF ₃	O-amino acid	F	S	2-N-acetylamino-8-methylhypoxanthine	H	OH
CF ₃	O-amino acid	F	S	6-Methylthymine	OH	H
CF ₃	O-amino acid	F	S	6-Methyluracil	OH	H
CF ₃	O-amino acid	F	S	8-Methylguanine	OH	H
CF ₃	O-amino acid	F	S	6-Methylcytosine	OH	H
CF ₃	O-amino acid	F	S	8-Methyladenine	OH	H
CF ₃	O-amino acid	F	S	8-Methylhypoxanthine	OH	H
CF ₃	O-amino acid	F	S	5-Fluoro-6-Methyluracil	OH	H
CF ₃	O-amino acid	F	S	5-Fluoro-6-Methylcytosine	OH	H
CF ₃	O-amino acid	F	S	2-Fluoro-8-methyladenine	OH	H
CF ₃	O-amino acid	F	S	2-Fluoro-8-methylhypoxanthine	OH	H
CF ₃	O-amino acid	F	S	2-Amino-8-methyladenine	OH	H
CF ₃	O-amino acid	F	S	2-Amino-8-methylhypoxanthine	OH	H
CF ₃	O-amino acid	F	S	2-N-acetyl-8-methylguanine	OH	H
CF ₃	O-amino acid	F	S	4-N-acetyl-8-methylcytosine	OH	H
CF ₃	O-amino acid	F	S	6-N-acetyl-8-methyladenine	OH	H
CF ₃	O-amino acid	F	S	4-N-acetyl-5-fluoro-8-methylcytosine	OH	H
CF ₃	O-amino acid	F	S	6-N-acetyl-2-fluoro-8-methyladenine	OH	H
CF ₃	O-amino acid	F	S	6-N-acetyl-2-amino-8-methyladenine	OH	H
CF ₃	O-amino acid	F	S	2-N-acetylamino-8-methyladenine	OH	H
CF ₃	O-amino acid	F	S	2-N-acetylamino-8-methylhypoxanthine	OH	H
CF ₃	O-amino acid	Br	S	6-Methylthymine	F	H
CF ₃	O-amino acid	Br	S	6-Methyluracil	F	H
CF ₃	O-amino acid	Br	S	8-Methylguanine	F	H
CF ₃	O-amino acid	Br	S	6-Methylcytosine	F	H
CF ₃	O-amino acid	Br	S	8-Methyladenine	F	H
CF ₃	O-amino acid	Br	S	8-Methylhypoxanthine	F	H
CF ₃	O-amino acid	Br	S	5-Fluoro-6-Methyluracil	F	H
CF ₃	O-amino acid	Br	S	5-Fluoro-6-Methylcytosine	F	H
CF ₃	O-amino acid	Br	S	2-Fluoro-8-methyladenine	F	H
CF ₃	O-amino acid	Br	S	2-Fluoro-8-methylhypoxanthine	F	H
CF ₃	O-amino acid	Br	S	2-Amino-8-methyladenine	F	H
CF ₃	O-amino acid	Br	S	2-Amino-8-methylhypoxanthine	F	H
CF ₃	O-amino acid	Br	S	2-N-acetyl-8-methylguanine	F	H
CF ₃	O-amino acid	Br	S	4-N-acetyl-8-methylcytosine	F	H
CF ₃	O-amino acid	Br	S	6-N-acetyl-8-methyladenine	F	H
CF ₃	O-amino acid	Br	S	4-N-acetyl-5-fluoro-8-methylcytosine	F	H

TABLE 6-continued

R ⁶	R ⁷	R ⁸	X	Base	R ¹⁰	R ⁹
CF ₃	O-amino acid	Br	S	6-N-acetyl-2-fluoro-8-methyladenine	F	H
CF ₃	O-amino acid	Br	S	6-N-acetyl-2-amino-8-methyladenine	F	H
CF ₃	O-amino acid	Br	S	2-N-acetyl-amino-8-methyladenine	F	H
CF ₃	O-amino acid	Br	S	2-N-acetyl-amino-8-methylhypoxanthine	F	H
CF ₃	O-amino acid	Br	S	6-Methylthymine	F	O-amino acid
CF ₃	O-amino acid	Br	S	6-Methyluracil	F	O-amino acid
CF ₃	O-amino acid	Br	S	8-Methylguanine	F	O-amino acid
CF ₃	O-amino acid	Br	S	6-Methylcytosine	F	O-amino acid
CF ₃	O-amino acid	Br	S	8-Methyladenine	F	O-amino acid
CF ₃	O-amino acid	Br	S	8-Methylhypoxanthine	F	O-amino acid
CF ₃	O-amino acid	Br	S	5-Fluoro-6-Methyluracil	F	O-amino acid
CF ₃	O-amino acid	Br	S	5-Fluoro-6-Methylcytosine	F	O-amino acid
CF ₃	O-amino acid	Br	S	2-Fluoro-8-methyladenine	F	O-amino acid
CF ₃	O-amino acid	Br	S	2-Fluoro-8-methylhypoxanthine	F	O-amino acid
CF ₃	O-amino acid	Br	S	2-Amino-8-methyladenine	F	O-amino acid
CF ₃	O-amino acid	Br	S	2-Amino-8-methylhypoxanthine	F	O-amino acid
CF ₃	O-amino acid	Br	S	2-N-acetyl-8-methylguanine	F	O-amino acid
CF ₃	O-amino acid	Br	S	4-N-acetyl-8-methylcytosine	F	O-amino acid
CF ₃	O-amino acid	Br	S	6-N-acetyl-8-methyladenine	F	O-amino acid
CF ₃	O-amino acid	Br	S	4-N-acetyl-5-fluoro-8-methylcytosine	F	O-amino acid
CF ₃	O-amino acid	Br	S	6-N-acetyl-2-fluoro-8-methyladenine	F	O-amino acid
CF ₃	O-amino acid	Br	S	6-N-acetyl-2-amino-8-methyladenine	F	O-amino acid
CF ₃	O-amino acid	Br	S	2-N-acetyl-amino-8-methyladenine	F	O-amino acid
CF ₃	O-amino acid	Br	S	2-N-acetyl-amino-8-methylhypoxanthine	F	O-amino acid
CF ₃	O-amino acid	Br	S	6-Methylthymine	F	O-acyl
CF ₃	O-amino acid	Br	S	6-Methyluracil	F	O-acyl
CF ₃	O-amino acid	Br	S	8-Methylguanine	F	O-acyl
CF ₃	O-amino acid	Br	S	6-Methylcytosine	F	O-acyl
CF ₃	O-amino acid	Br	S	8-Methyladenine	F	O-acyl
CF ₃	O-amino acid	Br	S	8-Methylhypoxanthine	F	O-acyl
CF ₃	O-amino acid	Br	S	5-Fluoro-6-Methyluracil	F	O-acyl
CF ₃	O-amino acid	Br	S	5-Fluoro-6-Methylcytosine	F	O-acyl
CF ₃	O-amino acid	Br	S	2-Fluoro-8-methyladenine	F	O-acyl
CF ₃	O-amino acid	Br	S	2-Fluoro-8-methylhypoxanthine	F	O-acyl
CF ₃	O-amino acid	Br	S	2-Amino-8-methyladenine	F	O-acyl
CF ₃	O-amino acid	Br	S	2-Amino-8-methylhypoxanthine	F	O-acyl
CF ₃	O-amino acid	Br	S	2-N-acetyl-8-methylguanine	F	O-acyl
CF ₃	O-amino acid	Br	S	4-N-acetyl-8-methylcytosine	F	O-acyl
CF ₃	O-amino acid	Br	S	6-N-acetyl-8-methyladenine	F	O-acyl
CF ₃	O-amino acid	Br	S	4-N-acetyl-5-fluoro-8-methylcytosine	F	O-acyl
CF ₃	O-amino acid	Br	S	6-N-acetyl-2-fluoro-8-methyladenine	F	O-acyl
CF ₃	O-amino acid	Br	S	6-N-acetyl-2-amino-8-methyladenine	F	O-acyl
CF ₃	O-amino acid	Br	S	2-N-acetyl-amino-8-methyladenine	F	O-acyl
CF ₃	O-amino acid	Br	S	2-N-acetyl-amino-8-methylhypoxanthine	F	O-acyl
CF ₃	O-amino acid	Br	S	6-Methylthymine	F	OH
CF ₃	O-amino acid	Br	S	6-Methyluracil	F	OH
CF ₃	O-amino acid	Br	S	8-Methylguanine	F	OH
CF ₃	O-amino acid	Br	S	6-Methylcytosine	F	OH
CF ₃	O-amino acid	Br	S	8-Methyladenine	F	OH
CF ₃	O-amino acid	Br	S	8-Methylhypoxanthine	F	OH
CF ₃	O-amino acid	Br	S	5-Fluoro-6-Methyluracil	F	OH
CF ₃	O-amino acid	Br	S	5-Fluoro-6-Methylcytosine	F	OH
CF ₃	O-amino acid	Br	S	2-Fluoro-8-methyladenine	F	OH
CF ₃	O-amino acid	Br	S	2-Fluoro-8-methylhypoxanthine	F	OH
CF ₃	O-amino acid	Br	S	2-Amino-8-methyladenine	F	OH
CF ₃	O-amino acid	Br	S	2-Amino-8-methylhypoxanthine	F	OH
CF ₃	O-amino acid	Br	S	2-N-acetyl-8-methylguanine	F	OH
CF ₃	O-amino acid	Br	S	4-N-acetyl-8-methylcytosine	F	OH
CF ₃	O-amino acid	Br	S	6-N-acetyl-8-methyladenine	F	OH
CF ₃	O-amino acid	Br	S	4-N-acetyl-5-fluoro-8-methylcytosine	F	OH
CF ₃	O-amino acid	Br	S	6-N-acetyl-2-fluoro-8-methyladenine	F	OH
CF ₃	O-amino acid	Br	S	6-N-acetyl-2-amino-8-methyladenine	F	OH
CF ₃	O-amino acid	Br	S	2-N-acetyl-amino-8-methyladenine	F	OH
CF ₃	O-amino acid	Br	S	2-N-acetyl-amino-8-methylhypoxanthine	F	OH
CF ₃	O-amino acid	Br	S	6-Methylthymine	Br	H
CF ₃	O-amino acid	Br	S	6-Methyluracil	Br	H
CF ₃	O-amino acid	Br	S	8-Methylguanine	Br	H
CF ₃	O-amino acid	Br	S	6-Methylcytosine	Br	H
CF ₃	O-amino acid	Br	S	8-Methyladenine	Br	H
CF ₃	O-amino acid	Br	S	8-Methylhypoxanthine	Br	H
CF ₃	O-amino acid	Br	S	5-Fluoro-6-Methyluracil	Br	H
CF ₃	O-amino acid	Br	S	5-Fluoro-6-Methylcytosine	Br	H
CF ₃	O-amino acid	Br	S	2-Fluoro-8-methyladenine	Br	H

TABLE 6-continued

R ⁶	R ⁷	R ⁸	X	Base	R ¹⁰	R ⁹
CF ₃	O-amino acid	Br	S	2-Fluoro-8-methylhypoxanthine	Br	H
CF ₃	O-amino acid	Br	S	2-Amino-8-methyladenine	Br	H
CF ₃	O-amino acid	Br	S	2-Amino-8-methylhypoxanthine	Br	H
CF ₃	O-amino acid	Br	S	2-N-acetyl-8-methylguanine	Br	H
CF ₃	O-amino acid	Br	S	4-N-acetyl-8-methylcytosine	Br	H
CF ₃	O-amino acid	Br	S	6-N-acetyl-8-methyladenine	Br	H
CF ₃	O-amino acid	Br	S	4-N-acetyl-5-fluoro-8-methylcytosine	Br	H
CF ₃	O-amino acid	Br	S	6-N-acetyl-2-fluoro-8-methyladenine	Br	H
CF ₃	O-amino acid	Br	S	6-N-acetyl-2-amino-8-methyladenine	Br	H
CF ₃	O-amino acid	Br	S	2-N-acetylamino-8-methyladenine	Br	H
CF ₃	O-amino acid	Br	S	2-N-acetylamino-8-methylhypoxanthine	Br	H
CF ₃	O-amino acid	Br	S	6-Methylthymine	Br	O-amino acid
CF ₃	O-amino acid	Br	S	6-Methyluracil	Br	O-amino acid
CF ₃	O-amino acid	Br	S	8-Methylguanine	Br	O-amino acid
CF ₃	O-amino acid	Br	S	6-Methylcytosine	Br	O-amino acid
CF ₃	O-amino acid	Br	S	8-Methyladenine	Br	O-amino acid
CF ₃	O-amino acid	Br	S	8-Methylhypoxanthine	Br	O-amino acid
CF ₃	O-amino acid	Br	S	5-Fluoro-6-Methyluracil	Br	O-amino acid
CF ₃	O-amino acid	Br	S	5-Fluoro-6-Methylcytosine	Br	O-amino acid
CF ₃	O-amino acid	Br	S	2-Fluoro-8-methyladenine	Br	O-amino acid
CF ₃	O-amino acid	Br	S	2-Fluoro-8-methylhypoxanthine	Br	O-amino acid
CF ₃	O-amino acid	Br	S	2-Amino-8-methyladenine	Br	O-amino acid
CF ₃	O-amino acid	Br	S	2-Amino-8-methylhypoxanthine	Br	O-amino acid
CF ₃	O-amino acid	Br	S	2-N-acetyl-8-methylguanine	Br	O-amino acid
CF ₃	O-amino acid	Br	S	4-N-acetyl-8-methylcytosine	Br	O-amino acid
CF ₃	O-amino acid	Br	S	6-N-acetyl-8-methyladenine	Br	O-amino acid
CF ₃	O-amino acid	Br	S	4-N-acetyl-5-fluoro-8-methylcytosine	Br	O-amino acid
CF ₃	O-amino acid	Br	S	6-N-acetyl-2-fluoro-8-methyladenine	Br	O-amino acid
CF ₃	O-amino acid	Br	S	6-N-acetyl-2-amino-8-methyladenine	Br	O-amino acid
CF ₃	O-amino acid	Br	S	2-N-acetylamino-8-methyladenine	Br	O-amino acid
CF ₃	O-amino acid	Br	S	2-N-acetylamino-8-methylhypoxanthine	Br	O-amino acid
CF ₃	O-amino acid	Br	S	6-Methylthymine	Br	O-acyl
CF ₃	O-amino acid	Br	S	6-Methyluracil	Br	O-acyl
CF ₃	O-amino acid	Br	S	8-Methylguanine	Br	O-acyl
CF ₃	O-amino acid	Br	S	6-Methylcytosine	Br	O-acyl
CF ₃	O-amino acid	Br	S	8-Methyladenine	Br	O-acyl
CF ₃	O-amino acid	Br	S	8-Methylhypoxanthine	Br	O-acyl
CF ₃	O-amino acid	Br	S	5-Fluoro-6-Methyluracil	Br	O-acyl
CF ₃	O-amino acid	Br	S	5-Fluoro-6-Methylcytosine	Br	O-acyl
CF ₃	O-amino acid	Br	S	2-Fluoro-8-methyladenine	Br	O-acyl
CF ₃	O-amino acid	Br	S	2-Fluoro-8-methylhypoxanthine	Br	O-acyl
CF ₃	O-amino acid	Br	S	2-Amino-8-methyladenine	Br	O-acyl
CF ₃	O-amino acid	Br	S	2-Amino-8-methylhypoxanthine	Br	O-acyl
CF ₃	O-amino acid	Br	S	2-N-acetyl-8-methylguanine	Br	O-acyl
CF ₃	O-amino acid	Br	S	4-N-acetyl-8-methylcytosine	Br	O-acyl
CF ₃	O-amino acid	Br	S	6-N-acetyl-8-methyladenine	Br	O-acyl
CF ₃	O-amino acid	Br	S	4-N-acetyl-5-fluoro-8-methylcytosine	Br	O-acyl
CF ₃	O-amino acid	Br	S	6-N-acetyl-2-fluoro-8-methyladenine	Br	O-acyl
CF ₃	O-amino acid	Br	S	6-N-acetyl-2-amino-8-methyladenine	Br	O-acyl
CF ₃	O-amino acid	Br	S	2-N-acetylamino-8-methyladenine	Br	O-acyl
CF ₃	O-amino acid	Br	S	2-N-acetylamino-8-methylhypoxanthine	Br	O-acyl
CF ₃	O-amino acid	Br	S	6-Methylthymine	Br	OH
CF ₃	O-amino acid	Br	S	6-Methyluracil	Br	OH
CF ₃	O-amino acid	Br	S	8-Methylguanine	Br	OH
CF ₃	O-amino acid	Br	S	6-Methylcytosine	Br	OH
CF ₃	O-amino acid	Br	S	8-Methyladenine	Br	OH
CF ₃	O-amino acid	Br	S	8-Methylhypoxanthine	Br	OH
CF ₃	O-amino acid	Br	S	5-Fluoro-6-Methyluracil	Br	OH
CF ₃	O-amino acid	Br	S	5-Fluoro-6-Methylcytosine	Br	OH
CF ₃	O-amino acid	Br	S	2-Fluoro-8-methyladenine	Br	OH
CF ₃	O-amino acid	Br	S	2-Fluoro-8-methylhypoxanthine	Br	OH
CF ₃	O-amino acid	Br	S	2-Amino-8-methyladenine	Br	OH
CF ₃	O-amino acid	Br	S	2-Amino-8-methylhypoxanthine	Br	OH
CF ₃	O-amino acid	Br	S	2-N-acetyl-8-methylguanine	Br	OH
CF ₃	O-amino acid	Br	S	4-N-acetyl-8-methylcytosine	Br	OH
CF ₃	O-amino acid	Br	S	6-N-acetyl-8-methyladenine	Br	OH
CF ₃	O-amino acid	Br	S	4-N-acetyl-5-fluoro-8-methylcytosine	Br	OH
CF ₃	O-amino acid	Br	S	6-N-acetyl-2-fluoro-8-methyladenine	Br	OH
CF ₃	O-amino acid	Br	S	6-N-acetyl-2-amino-8-methyladenine	Br	OH
CF ₃	O-amino acid	Br	S	2-N-acetylamino-8-methyladenine	Br	OH
CF ₃	O-amino acid	Br	S	2-N-acetylamino-8-methylhypoxanthine	Br	OH
CF ₃	O-amino acid	Br	S	6-Methylthymine	Cl	H
CF ₃	O-amino acid	Br	S	6-Methyluracil	Cl	H

TABLE 6-continued

R ⁶	R ⁷	R ⁸	X	Base	R ¹⁰	R ⁹
CF ₃	O-amino acid	Br	S	8-Methylguanine	Cl	H
CF ₃	O-amino acid	Br	S	6-Methylcytosine	Cl	H
CF ₃	O-amino acid	Br	S	8-Methyladenine	Cl	H
CF ₃	O-amino acid	Br	S	8-Methylhypoxanthine	Cl	H
CF ₃	O-amino acid	Br	S	5-Fluoro-6-Methyluracil	Cl	H
CF ₃	O-amino acid	Br	S	5-Fluoro-6-Methylcytosine	Cl	H
CF ₃	O-amino acid	Br	S	2-Fluoro-8-methyladenine	Cl	H
CF ₃	O-amino acid	Br	S	2-Fluoro-8-methylhypoxanthine	Cl	H
CF ₃	O-amino acid	Br	S	2-Amino-8-methyladenine	Cl	H
CF ₃	O-amino acid	Br	S	2-Amino-8-methylhypoxanthine	Cl	H
CF ₃	O-amino acid	Br	S	2-N-acetyl-8-methylguanine	Cl	H
CF ₃	O-amino acid	Br	S	4-N-acetyl-8-methylcytosine	Cl	H
CF ₃	O-amino acid	Br	S	6-N-acetyl-8-methyladenine	Cl	H
CF ₃	O-amino acid	Br	S	4-N-acetyl-5-fluoro-8-methylcytosine	Cl	H
CF ₃	O-amino acid	Br	S	6-N-acetyl-2-fluoro-8-methyladenine	Cl	H
CF ₃	O-amino acid	Br	S	6-N-acetyl-2-amino-8-methyladenine	Cl	H
CF ₃	O-amino acid	Br	S	2-N-acetylamino-8-methyladenine	Cl	H
CF ₃	O-amino acid	Br	S	2-N-acetylamino-8-methylhypoxanthine	Cl	H
CF ₃	O-amino acid	Br	S	6-Methylthymine	Cl	O-amino acid
CF ₃	O-amino acid	Br	S	6-Methyluracil	Cl	O-amino acid
CF ₃	O-amino acid	Br	S	8-Methylguanine	Cl	O-amino acid
CF ₃	O-amino acid	Br	S	6-Methylcytosine	Cl	O-amino acid
CF ₃	O-amino acid	Br	S	8-Methyladenine	Cl	O-amino acid
CF ₃	O-amino acid	Br	S	8-Methylhypoxanthine	Cl	O-amino acid
CF ₃	O-amino acid	Br	S	5-Fluoro-6-Methyluracil	Cl	O-amino acid
CF ₃	O-amino acid	Br	S	5-Fluoro-6-Methylcytosine	Cl	O-amino acid
CF ₃	O-amino acid	Br	S	2-Fluoro-8-methyladenine	Cl	O-amino acid
CF ₃	O-amino acid	Br	S	2-Fluoro-8-methylhypoxanthine	Cl	O-amino acid
CF ₃	O-amino acid	Br	S	2-Amino-8-methyladenine	Cl	O-amino acid
CF ₃	O-amino acid	Br	S	2-Amino-8-methylhypoxanthine	Cl	O-amino acid
CF ₃	O-amino acid	Br	S	2-N-acetyl-8-methylguanine	Cl	O-amino acid
CF ₃	O-amino acid	Br	S	4-N-acetyl-8-methylcytosine	Cl	O-amino acid
CF ₃	O-amino acid	Br	S	6-N-acetyl-8-methyladenine	Cl	O-amino acid
CF ₃	O-amino acid	Br	S	4-N-acetyl-5-fluoro-8-methylcytosine	Cl	O-amino acid
CF ₃	O-amino acid	Br	S	6-N-acetyl-2-fluoro-8-methyladenine	Cl	O-amino acid
CF ₃	O-amino acid	Br	S	6-N-acetyl-2-amino-8-methyladenine	Cl	O-amino acid
CF ₃	O-amino acid	Br	S	2-N-acetylamino-8-methyladenine	Cl	O-amino acid
CF ₃	O-amino acid	Br	S	2-N-acetylamino-8-methylhypoxanthine	Cl	O-amino acid
CF ₃	O-amino acid	Br	S	6-Methylthymine	Cl	O-acyl
CF ₃	O-amino acid	Br	S	6-Methyluracil	Cl	O-acyl
CF ₃	O-amino acid	Br	S	8-Methylguanine	Cl	O-acyl
CF ₃	O-amino acid	Br	S	6-Methylcytosine	Cl	O-acyl
CF ₃	O-amino acid	Br	S	8-Methyladenine	Cl	O-acyl
CF ₃	O-amino acid	Br	S	8-Methylhypoxanthine	Cl	O-acyl
CF ₃	O-amino acid	Br	S	5-Fluoro-6-Methyluracil	Cl	O-acyl
CF ₃	O-amino acid	Br	S	5-Fluoro-6-Methylcytosine	Cl	O-acyl
CF ₃	O-amino acid	Br	S	2-Fluoro-8-methyladenine	Cl	O-acyl
CF ₃	O-amino acid	Br	S	2-Fluoro-8-methylhypoxanthine	Cl	O-acyl
CF ₃	O-amino acid	Br	S	2-Amino-8-methyladenine	Cl	O-acyl
CF ₃	O-amino acid	Br	S	2-Amino-8-methylhypoxanthine	Cl	O-acyl
CF ₃	O-amino acid	Br	S	2-N-acetyl-8-methylguanine	Cl	O-acyl
CF ₃	O-amino acid	Br	S	4-N-acetyl-8-methylcytosine	Cl	O-acyl
CF ₃	O-amino acid	Br	S	6-N-acetyl-8-methyladenine	Cl	O-acyl
CF ₃	O-amino acid	Br	S	4-N-acetyl-5-fluoro-8-methylcytosine	Cl	O-acyl
CF ₃	O-amino acid	Br	S	6-N-acetyl-2-fluoro-8-methyladenine	Cl	O-acyl
CF ₃	O-amino acid	Br	S	6-N-acetyl-2-amino-8-methyladenine	Cl	O-acyl
CF ₃	O-amino acid	Br	S	2-N-acetylamino-8-methyladenine	Cl	O-acyl
CF ₃	O-amino acid	Br	S	2-N-acetylamino-8-methylhypoxanthine	Cl	O-acyl
CF ₃	O-amino acid	Br	S	6-Methylthymine	Cl	OH
CF ₃	O-amino acid	Br	S	6-Methyluracil	Cl	OH
CF ₃	O-amino acid	Br	S	8-Methylguanine	Cl	OH
CF ₃	O-amino acid	Br	S	6-Methylcytosine	Cl	OH
CF ₃	O-amino acid	Br	S	8-Methyladenine	Cl	OH
CF ₃	O-amino acid	Br	S	8-Methylhypoxanthine	Cl	OH
CF ₃	O-amino acid	Br	S	5-Fluoro-6-Methyluracil	Cl	OH
CF ₃	O-amino acid	Br	S	5-Fluoro-6-Methylcytosine	Cl	OH
CF ₃	O-amino acid	Br	S	2-Fluoro-8-methyladenine	Cl	OH
CF ₃	O-amino acid	Br	S	2-Fluoro-8-methylhypoxanthine	Cl	OH
CF ₃	O-amino acid	Br	S	2-Amino-8-methyladenine	Cl	OH
CF ₃	O-amino acid	Br	S	2-Amino-8-methylhypoxanthine	Cl	OH
CF ₃	O-amino acid	Br	S	2-N-acetyl-8-methylguanine	Cl	OH
CF ₃	O-amino acid	Br	S	4-N-acetyl-8-methylcytosine	Cl	OH
CF ₃	O-amino acid	Br	S	6-N-acetyl-8-methyladenine	Cl	OH
CF ₃	O-amino acid	Br	S	4-N-acetyl-5-fluoro-8-methylcytosine	Cl	OH

TABLE 6-continued

R ⁶	R ⁷	R ⁸	X	Base	R ¹⁰	R ⁹
CF ₃	O-amino acid	Br	S	6-N-acetyl-2-fluoro-8-methyladenine	Cl	OH
CF ₃	O-amino acid	Br	S	6-N-acetyl-2-amino-8-methyladenine	Cl	OH
CF ₃	O-amino acid	Br	S	2-N-acetyl-amino-8-methyladenine	Cl	OH
CF ₃	O-amino acid	Br	S	2-N-acetyl-amino-8-methylhypoxanthine	Cl	OH
CF ₃	O-amino acid	Br	S	6-Methylthymine	H	H
CF ₃	O-amino acid	Br	S	6-Methyluracil	H	H
CF ₃	O-amino acid	Br	S	8-Methylguanine	H	H
CF ₃	O-amino acid	Br	S	6-Methylcytosine	H	H
CF ₃	O-amino acid	Br	S	8-Methyladenine	H	H
CF ₃	O-amino acid	Br	S	8-Methylhypoxanthine	H	H
CF ₃	O-amino acid	Br	S	5-Fluoro-6-Methyluracil	H	H
CF ₃	O-amino acid	Br	S	5-Fluoro-6-Methylcytosine	H	H
CF ₃	O-amino acid	Br	S	2-Fluoro-8-methyladenine	H	H
CF ₃	O-amino acid	Br	S	2-Fluoro-8-methylhypoxanthine	H	H
CF ₃	O-amino acid	Br	S	2-Amino-8-methyladenine	H	H
CF ₃	O-amino acid	Br	S	2-Amino-8-methylhypoxanthine	H	H
CF ₃	O-amino acid	Br	S	2-N-acetyl-8-methylguanine	H	H
CF ₃	O-amino acid	Br	S	4-N-acetyl-8-methylcytosine	H	H
CF ₃	O-amino acid	Br	S	6-N-acetyl-8-methyladenine	H	H
CF ₃	O-amino acid	Br	S	4-N-acetyl-5-fluoro-8-methylcytosine	H	H
CF ₃	O-amino acid	Br	S	6-N-acetyl-2-fluoro-8-methyladenine	H	H
CF ₃	O-amino acid	Br	S	6-N-acetyl-2-amino-8-methyladenine	H	H
CF ₃	O-amino acid	Br	S	2-N-acetyl-amino-8-methyladenine	H	H
CF ₃	O-amino acid	Br	S	2-N-acetyl-amino-8-methylhypoxanthine	H	H
CF ₃	O-amino acid	Br	S	6-Methylthymine	H	O-amino acid
CF ₃	O-amino acid	Br	S	6-Methyluracil	H	O-amino acid
CF ₃	O-amino acid	Br	S	8-Methylguanine	H	O-amino acid
CF ₃	O-amino acid	Br	S	6-Methylcytosine	H	O-amino acid
CF ₃	O-amino acid	Br	S	8-Methyladenine	H	O-amino acid
CF ₃	O-amino acid	Br	S	8-Methylhypoxanthine	H	O-amino acid
CF ₃	O-amino acid	Br	S	5-Fluoro-6-Methyluracil	H	O-amino acid
CF ₃	O-amino acid	Br	S	5-Fluoro-6-Methylcytosine	H	O-amino acid
CF ₃	O-amino acid	Br	S	2-Fluoro-8-methyladenine	H	O-amino acid
CF ₃	O-amino acid	Br	S	2-Fluoro-8-methylhypoxanthine	H	O-amino acid
CF ₃	O-amino acid	Br	S	2-Amino-8-methyladenine	H	O-amino acid
CF ₃	O-amino acid	Br	S	2-Amino-8-methylhypoxanthine	H	O-amino acid
CF ₃	O-amino acid	Br	S	2-N-acetyl-8-methylguanine	H	O-amino acid
CF ₃	O-amino acid	Br	S	4-N-acetyl-8-methylcytosine	H	O-amino acid
CF ₃	O-amino acid	Br	S	6-N-acetyl-8-methyladenine	H	O-amino acid
CF ₃	O-amino acid	Br	S	4-N-acetyl-5-fluoro-8-methylcytosine	H	O-amino acid
CF ₃	O-amino acid	Br	S	6-N-acetyl-2-fluoro-8-methyladenine	H	O-amino acid
CF ₃	O-amino acid	Br	S	6-N-acetyl-2-amino-8-methyladenine	H	O-amino acid
CF ₃	O-amino acid	Br	S	2-N-acetyl-amino-8-methyladenine	H	O-amino acid
CF ₃	O-amino acid	Br	S	2-N-acetyl-amino-8-methylhypoxanthine	H	O-amino acid
CF ₃	O-amino acid	Br	S	6-Methylthymine	H	O-acyl
CF ₃	O-amino acid	Br	S	6-Methyluracil	H	O-acyl
CF ₃	O-amino acid	Br	S	8-Methylguanine	H	O-acyl
CF ₃	O-amino acid	Br	S	6-Methylcytosine	H	O-acyl
CF ₃	O-amino acid	Br	S	8-Methyladenine	H	O-acyl
CF ₃	O-amino acid	Br	S	8-Methylhypoxanthine	H	O-acyl
CF ₃	O-amino acid	Br	S	5-Fluoro-6-Methyluracil	H	O-acyl
CF ₃	O-amino acid	Br	S	5-Fluoro-6-Methylcytosine	H	O-acyl
CF ₃	O-amino acid	Br	S	2-Fluoro-8-methyladenine	H	O-acyl
CF ₃	O-amino acid	Br	S	2-Fluoro-8-methylhypoxanthine	H	O-acyl
CF ₃	O-amino acid	Br	S	2-Amino-8-methyladenine	H	O-acyl
CF ₃	O-amino acid	Br	S	2-Amino-8-methylhypoxanthine	H	O-acyl
CF ₃	O-amino acid	Br	S	2-N-acetyl-8-methylguanine	H	O-acyl
CF ₃	O-amino acid	Br	S	4-N-acetyl-8-methylcytosine	H	O-acyl
CF ₃	O-amino acid	Br	S	6-N-acetyl-8-methyladenine	H	O-acyl
CF ₃	O-amino acid	Br	S	4-N-acetyl-5-fluoro-8-methylcytosine	H	O-acyl
CF ₃	O-amino acid	Br	S	6-N-acetyl-2-fluoro-8-methyladenine	H	O-acyl
CF ₃	O-amino acid	Br	S	6-N-acetyl-2-amino-8-methyladenine	H	O-acyl
CF ₃	O-amino acid	Br	S	2-N-acetyl-amino-8-methyladenine	H	O-acyl
CF ₃	O-amino acid	Br	S	2-N-acetyl-amino-8-methylhypoxanthine	H	O-acyl
CF ₃	O-amino acid	Br	S	6-Methylthymine	H	OH
CF ₃	O-amino acid	Br	S	6-Methyluracil	H	OH
CF ₃	O-amino acid	Br	S	8-Methylguanine	H	OH
CF ₃	O-amino acid	Br	S	6-Methylcytosine	H	OH
CF ₃	O-amino acid	Br	S	8-Methyladenine	H	OH
CF ₃	O-amino acid	Br	S	8-Methylhypoxanthine	H	OH
CF ₃	O-amino acid	Br	S	5-Fluoro-6-Methyluracil	H	OH
CF ₃	O-amino acid	Br	S	5-Fluoro-6-Methylcytosine	H	OH
CF ₃	O-amino acid	Br	S	2-Fluoro-8-methyladenine	H	OH

TABLE 6-continued

R ⁶	R ⁷	R ⁸	X	Base	R ¹⁰	R ⁹
CF ₃	O-amino acid	Br	S	2-Fluoro-8-methylhypoxanthine	H	OH
CF ₃	O-amino acid	Br	S	2-Amino-8-methyladenine	H	OH
CF ₃	O-amino acid	Br	S	2-Amino-8-methylhypoxanthine	H	OH
CF ₃	O-amino acid	Br	S	2-N-acetyl-8-methylguanine	H	OH
CF ₃	O-amino acid	Br	S	4-N-acetyl-8-methylcytosine	H	OH
CF ₃	O-amino acid	Br	S	6-N-acetyl-8-methyladenine	H	OH
CF ₃	O-amino acid	Br	S	4-N-acetyl-5-fluoro-8-methylcytosine	H	OH
CF ₃	O-amino acid	Br	S	6-N-acetyl-2-fluoro-8-methyladenine	H	OH
CF ₃	O-amino acid	Br	S	6-N-acetyl-2-amino-8-methyladenine	H	OH
CF ₃	O-amino acid	Br	S	2-N-acetylamino-8-methyladenine	H	OH
CF ₃	O-amino acid	Br	S	2-N-acetylamino-8-methylhypoxanthine	H	OH
CF ₃	O-amino acid	Br	S	6-Methylthymine	OH	H
CF ₃	O-amino acid	Br	S	6-Methyluracil	OH	H
CF ₃	O-amino acid	Br	S	8-Methylguanine	OH	H
CF ₃	O-amino acid	Br	S	6-Methylcytosine	OH	H
CF ₃	O-amino acid	Br	S	8-Methyladenine	OH	H
CF ₃	O-amino acid	Br	S	8-Methylhypoxanthine	OH	H
CF ₃	O-amino acid	Br	S	5-Fluoro-6-Methyluracil	OH	H
CF ₃	O-amino acid	Br	S	5-Fluoro-6-Methylcytosine	OH	H
CF ₃	O-amino acid	Br	S	2-Fluoro-8-methyladenine	OH	H
CF ₃	O-amino acid	Br	S	2-Fluoro-8-methylhypoxanthine	OH	H
CF ₃	O-amino acid	Br	S	2-Amino-8-methyladenine	OH	H
CF ₃	O-amino acid	Br	S	2-Amino-8-methylhypoxanthine	OH	H
CF ₃	O-amino acid	Br	S	2-N-acetyl-8-methylguanine	OH	H
CF ₃	O-amino acid	Br	S	4-N-acetyl-8-methylcytosine	OH	H
CF ₃	O-amino acid	Br	S	6-N-acetyl-8-methyladenine	OH	H
CF ₃	O-amino acid	Br	S	4-N-acetyl-5-fluoro-8-methylcytosine	OH	H
CF ₃	O-amino acid	Br	S	6-N-acetyl-2-fluoro-8-methyladenine	OH	H
CF ₃	O-amino acid	Br	S	6-N-acetyl-2-amino-8-methyladenine	OH	H
CF ₃	O-amino acid	Br	S	2-N-acetylamino-8-methyladenine	OH	H
CF ₃	O-amino acid	Br	S	2-N-acetylamino-8-methylhypoxanthine	OH	H
CF ₃	O-amino acid	Cl	S	6-Methylthymine	F	H
CF ₃	O-amino acid	Cl	S	6-Methyluracil	F	H
CF ₃	O-amino acid	Cl	S	8-Methylguanine	F	H
CF ₃	O-amino acid	Cl	S	6-Methylcytosine	F	H
CF ₃	O-amino acid	Cl	S	8-Methyladenine	F	H
CF ₃	O-amino acid	Cl	S	8-Methylhypoxanthine	F	H
CF ₃	O-amino acid	Cl	S	5-Fluoro-6-Methyluracil	F	H
CF ₃	O-amino acid	Cl	S	5-Fluoro-6-Methylcytosine	F	H
CF ₃	O-amino acid	Cl	S	2-Fluoro-8-methyladenine	F	H
CF ₃	O-amino acid	Cl	S	2-Fluoro-8-methylhypoxanthine	F	H
CF ₃	O-amino acid	Cl	S	2-Amino-8-methyladenine	F	H
CF ₃	O-amino acid	Cl	S	2-Amino-8-methylhypoxanthine	F	H
CF ₃	O-amino acid	Cl	S	2-N-acetyl-8-methylguanine	F	H
CF ₃	O-amino acid	Cl	S	4-N-acetyl-8-methylcytosine	F	H
CF ₃	O-amino acid	Cl	S	6-N-acetyl-8-methyladenine	F	H
CF ₃	O-amino acid	Cl	S	4-N-acetyl-5-fluoro-8-methylcytosine	F	H
CF ₃	O-amino acid	Cl	S	6-N-acetyl-2-fluoro-8-methyladenine	F	H
CF ₃	O-amino acid	Cl	S	6-N-acetyl-2-amino-8-methyladenine	F	H
CF ₃	O-amino acid	Cl	S	2-N-acetylamino-8-methyladenine	F	H
CF ₃	O-amino acid	Cl	S	2-N-acetylamino-8-methylhypoxanthine	F	H
CF ₃	O-amino acid	Cl	S	6-Methylthymine	F	O-amino acid
CF ₃	O-amino acid	Cl	S	6-Methyluracil	F	O-amino acid
CF ₃	O-amino acid	Cl	S	8-Methylguanine	F	O-amino acid
CF ₃	O-amino acid	Cl	S	6-Methylcytosine	F	O-amino acid
CF ₃	O-amino acid	Cl	S	8-Methyladenine	F	O-amino acid
CF ₃	O-amino acid	Cl	S	8-Methylhypoxanthine	F	O-amino acid
CF ₃	O-amino acid	Cl	S	5-Fluoro-6-Methyluracil	F	O-amino acid
CF ₃	O-amino acid	Cl	S	5-Fluoro-6-Methylcytosine	F	O-amino acid
CF ₃	O-amino acid	Cl	S	2-Fluoro-8-methyladenine	F	O-amino acid
CF ₃	O-amino acid	Cl	S	2-Fluoro-8-methylhypoxanthine	F	O-amino acid
CF ₃	O-amino acid	Cl	S	2-Amino-8-methyladenine	F	O-amino acid
CF ₃	O-amino acid	Cl	S	2-Amino-8-methylhypoxanthine	F	O-amino acid
CF ₃	O-amino acid	Cl	S	2-N-acetyl-8-methylguanine	F	O-amino acid
CF ₃	O-amino acid	Cl	S	4-N-acetyl-8-methylcytosine	F	O-amino acid
CF ₃	O-amino acid	Cl	S	6-N-acetyl-8-methyladenine	F	O-amino acid
CF ₃	O-amino acid	Cl	S	4-N-acetyl-5-fluoro-8-methylcytosine	F	O-amino acid
CF ₃	O-amino acid	Cl	S	6-N-acetyl-2-fluoro-8-methyladenine	F	O-amino acid
CF ₃	O-amino acid	Cl	S	6-N-acetyl-2-amino-8-methyladenine	F	O-amino acid
CF ₃	O-amino acid	Cl	S	2-N-acetylamino-8-methyladenine	F	O-amino acid
CF ₃	O-amino acid	Cl	S	2-N-acetylamino-8-methylhypoxanthine	F	O-amino acid
CF ₃	O-amino acid	Cl	S	6-Methylthymine	F	O-acyl
CF ₃	O-amino acid	Cl	S	6-Methyluracil	F	O-acyl

TABLE 6-continued

R ⁶	R ⁷	R ⁸	X	Base	R ¹⁰	R ⁹
CF ₃	O-amino acid	Cl	S	8-Methylguanine	F	O-acyl
CF ₃	O-amino acid	Cl	S	6-Methylcytosine	F	O-acyl
CF ₃	O-amino acid	Cl	S	8-Methyladenine	F	O-acyl
CF ₃	O-amino acid	Cl	S	8-Methylhypoxanthine	F	O-acyl
CF ₃	O-amino acid	Cl	S	5-Fluoro-6-Methyluracil	F	O-acyl
CF ₃	O-amino acid	Cl	S	5-Fluoro-6-Methylcytosine	F	O-acyl
CF ₃	O-amino acid	Cl	S	2-Fluoro-8-methyladenine	F	O-acyl
CF ₃	O-amino acid	Cl	S	2-Fluoro-8-methylhypoxanthine	F	O-acyl
CF ₃	O-amino acid	Cl	S	2-Amino-8-methyladenine	F	O-acyl
CF ₃	O-amino acid	Cl	S	2-Amino-8-methylhypoxanthine	F	O-acyl
CF ₃	O-amino acid	Cl	S	2-N-acetyl-8-methylguanine	F	O-acyl
CF ₃	O-amino acid	Cl	S	4-N-acetyl-8-methylcytosine	F	O-acyl
CF ₃	O-amino acid	Cl	S	6-N-acetyl-8-methyladenine	F	O-acyl
CF ₃	O-amino acid	Cl	S	4-N-acetyl-5-fluoro-8-methylcytosine	F	O-acyl
CF ₃	O-amino acid	Cl	S	6-N-acetyl-2-fluoro-8-methyladenine	F	O-acyl
CF ₃	O-amino acid	Cl	S	6-N-acetyl-2-amino-8-methyladenine	F	O-acyl
CF ₃	O-amino acid	Cl	S	2-N-acetylamino-8-methyladenine	F	O-acyl
CF ₃	O-amino acid	Cl	S	2-N-acetylamino-8-methylhypoxanthine	F	O-acyl
CF ₃	O-amino acid	Cl	S	6-Methylthymine	F	OH
CF ₃	O-amino acid	Cl	S	6-Methyluracil	F	OH
CF ₃	O-amino acid	Cl	S	8-Methylguanine	F	OH
CF ₃	O-amino acid	Cl	S	6-Methylcytosine	F	OH
CF ₃	O-amino acid	Cl	S	8-Methyladenine	F	OH
CF ₃	O-amino acid	Cl	S	8-Methylhypoxanthine	F	OH
CF ₃	O-amino acid	Cl	S	5-Fluoro-6-Methyluracil	F	OH
CF ₃	O-amino acid	Cl	S	5-Fluoro-6-Methylcytosine	F	OH
CF ₃	O-amino acid	Cl	S	2-Fluoro-8-methyladenine	F	OH
CF ₃	O-amino acid	Cl	S	2-Fluoro-8-methylhypoxanthine	F	OH
CF ₃	O-amino acid	Cl	S	2-Amino-8-methyladenine	F	OH
CF ₃	O-amino acid	Cl	S	2-Amino-8-methylhypoxanthine	F	OH
CF ₃	O-amino acid	Cl	S	2-N-acetyl-8-methylguanine	F	OH
CF ₃	O-amino acid	Cl	S	4-N-acetyl-8-methylcytosine	F	OH
CF ₃	O-amino acid	Cl	S	6-N-acetyl-8-methyladenine	F	OH
CF ₃	O-amino acid	Cl	S	4-N-acetyl-5-fluoro-8-methylcytosine	F	OH
CF ₃	O-amino acid	Cl	S	6-N-acetyl-2-fluoro-8-methyladenine	F	OH
CF ₃	O-amino acid	Cl	S	6-N-acetyl-2-amino-8-methyladenine	F	OH
CF ₃	O-amino acid	Cl	S	2-N-acetylamino-8-methyladenine	F	OH
CF ₃	O-amino acid	Cl	S	2-N-acetylamino-8-methylhypoxanthine	F	OH
CF ₃	O-amino acid	Cl	S	6-Methylthymine	Br	H
CF ₃	O-amino acid	Cl	S	6-Methyluracil	Br	H
CF ₃	O-amino acid	Cl	S	8-Methylguanine	Br	H
CF ₃	O-amino acid	Cl	S	6-Methylcytosine	Br	H
CF ₃	O-amino acid	Cl	S	8-Methyladenine	Br	H
CF ₃	O-amino acid	Cl	S	8-Methylhypoxanthine	Br	H
CF ₃	O-amino acid	Cl	S	5-Fluoro-6-Methyluracil	Br	H
CF ₃	O-amino acid	Cl	S	5-Fluoro-6-Methylcytosine	Br	H
CF ₃	O-amino acid	Cl	S	2-Fluoro-8-methyladenine	Br	H
CF ₃	O-amino acid	Cl	S	2-Fluoro-8-methylhypoxanthine	Br	H
CF ₃	O-amino acid	Cl	S	2-Amino-8-methyladenine	Br	H
CF ₃	O-amino acid	Cl	S	2-Amino-8-methylhypoxanthine	Br	H
CF ₃	O-amino acid	Cl	S	2-N-acetyl-8-methylguanine	Br	H
CF ₃	O-amino acid	Cl	S	4-N-acetyl-8-methylcytosine	Br	H
CF ₃	O-amino acid	Cl	S	6-N-acetyl-8-methyladenine	Br	H
CF ₃	O-amino acid	Cl	S	4-N-acetyl-5-fluoro-8-methylcytosine	Br	H
CF ₃	O-amino acid	Cl	S	6-N-acetyl-2-fluoro-8-methyladenine	Br	H
CF ₃	O-amino acid	Cl	S	6-N-acetyl-2-amino-8-methyladenine	Br	H
CF ₃	O-amino acid	Cl	S	2-N-acetylamino-8-methyladenine	Br	H
CF ₃	O-amino acid	Cl	S	2-N-acetylamino-8-methylhypoxanthine	Br	H
CF ₃	O-amino acid	Cl	S	6-Methylthymine	Br	O-amino acid
CF ₃	O-amino acid	Cl	S	6-Methyluracil	Br	O-amino acid
CF ₃	O-amino acid	Cl	S	8-Methylguanine	Br	O-amino acid
CF ₃	O-amino acid	Cl	S	6-Methylcytosine	Br	O-amino acid
CF ₃	O-amino acid	Cl	S	8-Methyladenine	Br	O-amino acid
CF ₃	O-amino acid	Cl	S	8-Methylhypoxanthine	Br	O-amino acid
CF ₃	O-amino acid	Cl	S	5-Fluoro-6-Methyluracil	Br	O-amino acid
CF ₃	O-amino acid	Cl	S	5-Fluoro-6-Methylcytosine	Br	O-amino acid
CF ₃	O-amino acid	Cl	S	2-Fluoro-8-methyladenine	Br	O-amino acid
CF ₃	O-amino acid	Cl	S	2-Fluoro-8-methylhypoxanthine	Br	O-amino acid
CF ₃	O-amino acid	Cl	S	2-Amino-8-methyladenine	Br	O-amino acid
CF ₃	O-amino acid	Cl	S	2-Amino-8-methylhypoxanthine	Br	O-amino acid
CF ₃	O-amino acid	Cl	S	2-N-acetyl-8-methylguanine	Br	O-amino acid
CF ₃	O-amino acid	Cl	S	4-N-acetyl-8-methylcytosine	Br	O-amino acid
CF ₃	O-amino acid	Cl	S	6-N-acetyl-8-methyladenine	Br	O-amino acid
CF ₃	O-amino acid	Cl	S	4-N-acetyl-5-fluoro-8-methylcytosine	Br	O-amino acid

TABLE 6-continued

R ⁶	R ⁷	R ⁸	X	Base	R ¹⁰	R ⁹
CF ₃	O-amino acid	Cl	S	6-N-acetyl-2-fluoro-8-methyladenine	Br	O-amino acid
CF ₃	O-amino acid	Cl	S	6-N-acetyl-2-amino-8-methyladenine	Br	O-amino acid
CF ₃	O-amino acid	Cl	S	2-N-acetylamino-8-methyladenine	Br	O-amino acid
CF ₃	O-amino acid	Cl	S	2-N-acetylamino-8-methylhypoxanthine	Br	O-amino acid
CF ₃	O-amino acid	Cl	S	6-Methylthymine	Br	O-acyl
CF ₃	O-amino acid	Cl	S	6-Methyluracil	Br	O-acyl
CF ₃	O-amino acid	Cl	S	8-Methylguanine	Br	O-acyl
CF ₃	O-amino acid	Cl	S	6-Methylcytosine	Br	O-acyl
CF ₃	O-amino acid	Cl	S	8-Methyladenine	Br	O-acyl
CF ₃	O-amino acid	Cl	S	8-Methylhypoxanthine	Br	O-acyl
CF ₃	O-amino acid	Cl	S	5-Fluoro-6-Methyluracil	Br	O-acyl
CF ₃	O-amino acid	Cl	S	5-Fluoro-6-Methylcytosine	Br	O-acyl
CF ₃	O-amino acid	Cl	S	2-Fluoro-8-methyladenine	Br	O-acyl
CF ₃	O-amino acid	Cl	S	2-Fluoro-8-methylhypoxanthine	Br	O-acyl
CF ₃	O-amino acid	Cl	S	2-Amino-8-methyladenine	Br	O-acyl
CF ₃	O-amino acid	Cl	S	2-Amino-8-methylhypoxanthine	Br	O-acyl
CF ₃	O-amino acid	Cl	S	2-N-acetyl-8-methylguanine	Br	O-acyl
CF ₃	O-amino acid	Cl	S	4-N-acetyl-8-methylcytosine	Br	O-acyl
CF ₃	O-amino acid	Cl	S	6-N-acetyl-8-methyladenine	Br	O-acyl
CF ₃	O-amino acid	Cl	S	4-N-acetyl-5-fluoro-8-methylcytosine	Br	O-acyl
CF ₃	O-amino acid	Cl	S	6-N-acetyl-2-fluoro-8-methyladenine	Br	O-acyl
CF ₃	O-amino acid	Cl	S	6-N-acetyl-2-amino-8-methyladenine	Br	O-acyl
CF ₃	O-amino acid	Cl	S	2-N-acetylamino-8-methyladenine	Br	O-acyl
CF ₃	O-amino acid	Cl	S	2-N-acetylamino-8-methylhypoxanthine	Br	O-acyl
CF ₃	O-amino acid	Cl	S	6-Methylthymine	Br	OH
CF ₃	O-amino acid	Cl	S	6-Methyluracil	Br	OH
CF ₃	O-amino acid	Cl	S	8-Methylguanine	Br	OH
CF ₃	O-amino acid	Cl	S	6-Methylcytosine	Br	OH
CF ₃	O-amino acid	Cl	S	8-Methyladenine	Br	OH
CF ₃	O-amino acid	Cl	S	8-Methylhypoxanthine	Br	OH
CF ₃	O-amino acid	Cl	S	5-Fluoro-6-Methyluracil	Br	OH
CF ₃	O-amino acid	Cl	S	5-Fluoro-6-Methylcytosine	Br	OH
CF ₃	O-amino acid	Cl	S	2-Fluoro-8-methyladenine	Br	OH
CF ₃	O-amino acid	Cl	S	2-Fluoro-8-methylhypoxanthine	Br	OH
CF ₃	O-amino acid	Cl	S	2-Amino-8-methyladenine	Br	OH
CF ₃	O-amino acid	Cl	S	2-Amino-8-methylhypoxanthine	Br	OH
CF ₃	O-amino acid	Cl	S	2-N-acetyl-8-methylguanine	Br	OH
CF ₃	O-amino acid	Cl	S	4-N-acetyl-8-methylcytosine	Br	OH
CF ₃	O-amino acid	Cl	S	6-N-acetyl-8-methyladenine	Br	OH
CF ₃	O-amino acid	Cl	S	4-N-acetyl-5-fluoro-8-methylcytosine	Br	OH
CF ₃	O-amino acid	Cl	S	6-N-acetyl-2-fluoro-8-methyladenine	Br	OH
CF ₃	O-amino acid	Cl	S	6-N-acetyl-2-amino-8-methyladenine	Br	OH
CF ₃	O-amino acid	Cl	S	2-N-acetylamino-8-methyladenine	Br	OH
CF ₃	O-amino acid	Cl	S	2-N-acetylamino-8-methylhypoxanthine	Br	OH
CF ₃	O-amino acid	Cl	S	6-Methylthymine	Cl	H
CF ₃	O-amino acid	Cl	S	6-Methyluracil	Cl	H
CF ₃	O-amino acid	Cl	S	8-Methylguanine	Cl	H
CF ₃	O-amino acid	Cl	S	6-Methylcytosine	Cl	H
CF ₃	O-amino acid	Cl	S	8-Methyladenine	Cl	H
CF ₃	O-amino acid	Cl	S	8-Methylhypoxanthine	Cl	H
CF ₃	O-amino acid	Cl	S	5-Fluoro-6-Methyluracil	Cl	H
CF ₃	O-amino acid	Cl	S	5-Fluoro-6-Methylcytosine	Cl	H
CF ₃	O-amino acid	Cl	S	2-Fluoro-8-methyladenine	Cl	H
CF ₃	O-amino acid	Cl	S	2-Fluoro-8-methylhypoxanthine	Cl	H
CF ₃	O-amino acid	Cl	S	2-Amino-8-methyladenine	Cl	H
CF ₃	O-amino acid	Cl	S	2-Amino-8-methylhypoxanthine	Cl	H
CF ₃	O-amino acid	Cl	S	2-N-acetyl-8-methylguanine	Cl	H
CF ₃	O-amino acid	Cl	S	4-N-acetyl-8-methylcytosine	Cl	H
CF ₃	O-amino acid	Cl	S	6-N-acetyl-8-methyladenine	Cl	H
CF ₃	O-amino acid	Cl	S	4-N-acetyl-5-fluoro-8-methylcytosine	Cl	H
CF ₃	O-amino acid	Cl	S	6-N-acetyl-2-fluoro-8-methyladenine	Cl	H
CF ₃	O-amino acid	Cl	S	6-N-acetyl-2-amino-8-methyladenine	Cl	H
CF ₃	O-amino acid	Cl	S	2-N-acetylamino-8-methyladenine	Cl	H
CF ₃	O-amino acid	Cl	S	2-N-acetylamino-8-methylhypoxanthine	Cl	H
CF ₃	O-amino acid	Cl	S	6-Methylthymine	Cl	O-amino acid
CF ₃	O-amino acid	Cl	S	6-Methyluracil	Cl	O-amino acid
CF ₃	O-amino acid	Cl	S	8-Methylguanine	Cl	O-amino acid
CF ₃	O-amino acid	Cl	S	6-Methylcytosine	Cl	O-amino acid
CF ₃	O-amino acid	Cl	S	8-Methyladenine	Cl	O-amino acid
CF ₃	O-amino acid	Cl	S	8-Methylhypoxanthine	Cl	O-amino acid
CF ₃	O-amino acid	Cl	S	5-Fluoro-6-Methyluracil	Cl	O-amino acid
CF ₃	O-amino acid	Cl	S	5-Fluoro-6-Methylcytosine	Cl	O-amino acid
CF ₃	O-amino acid	Cl	S	2-Fluoro-8-methyladenine	Cl	O-amino acid

TABLE 6-continued

R ⁶	R ⁷	R ⁸	X	Base	R ¹⁰	R ⁹
CF ₃	O-amino acid	Cl	S	2-Fluoro-8-methylhypoxanthine	Cl	O-amino acid
CF ₃	O-amino acid	Cl	S	2-Amino-8-methyladenine	Cl	O-amino acid
CF ₃	O-amino acid	Cl	S	2-Amino-8-methylhypoxanthine	Cl	O-amino acid
CF ₃	O-amino acid	Cl	S	2-N-acetyl-8-methylguanine	Cl	O-amino acid
CF ₃	O-amino acid	Cl	S	4-N-acetyl-8-methylcytosine	Cl	O-amino acid
CF ₃	O-amino acid	Cl	S	6-N-acetyl-8-methyladenine	Cl	O-amino acid
CF ₃	O-amino acid	Cl	S	4-N-acetyl-5-fluoro-8-methylcytosine	Cl	O-amino acid
CF ₃	O-amino acid	Cl	S	6-N-acetyl-2-fluoro-8-methyladenine	Cl	O-amino acid
CF ₃	O-amino acid	Cl	S	6-N-acetyl-2-amino-8-methyladenine	Cl	O-amino acid
CF ₃	O-amino acid	Cl	S	2-N-acetylamino-8-methyladenine	Cl	O-amino acid
CF ₃	O-amino acid	Cl	S	2-N-acetylamino-8-methylhypoxanthine	Cl	O-amino acid
CF ₃	O-amino acid	Cl	S	6-Methylthymine	Cl	O-acyl
CF ₃	O-amino acid	Cl	S	6-Methyluracil	Cl	O-acyl
CF ₃	O-amino acid	Cl	S	8-Methylguanine	Cl	O-acyl
CF ₃	O-amino acid	Cl	S	6-Methylcytosine	Cl	O-acyl
CF ₃	O-amino acid	Cl	S	8-Methyladenine	Cl	O-acyl
CF ₃	O-amino acid	Cl	S	8-Methylhypoxanthine	Cl	O-acyl
CF ₃	O-amino acid	Cl	S	5-Fluoro-6-Methyluracil	Cl	O-acyl
CF ₃	O-amino acid	Cl	S	5-Fluoro-6-Methylcytosine	Cl	O-acyl
CF ₃	O-amino acid	Cl	S	2-Fluoro-8-methyladenine	Cl	O-acyl
CF ₃	O-amino acid	Cl	S	2-Fluoro-8-methylhypoxanthine	Cl	O-acyl
CF ₃	O-amino acid	Cl	S	2-Amino-8-methyladenine	Cl	O-acyl
CF ₃	O-amino acid	Cl	S	2-Amino-8-methylhypoxanthine	Cl	O-acyl
CF ₃	O-amino acid	Cl	S	2-N-acetyl-8-methylguanine	Cl	O-acyl
CF ₃	O-amino acid	Cl	S	4-N-acetyl-8-methylcytosine	Cl	O-acyl
CF ₃	O-amino acid	Cl	S	6-N-acetyl-8-methyladenine	Cl	O-acyl
CF ₃	O-amino acid	Cl	S	4-N-acetyl-5-fluoro-8-methylcytosine	Cl	O-acyl
CF ₃	O-amino acid	Cl	S	6-N-acetyl-2-fluoro-8-methyladenine	Cl	O-acyl
CF ₃	O-amino acid	Cl	S	6-N-acetyl-2-amino-8-methyladenine	Cl	O-acyl
CF ₃	O-amino acid	Cl	S	2-N-acetylamino-8-methyladenine	Cl	O-acyl
CF ₃	O-amino acid	Cl	S	2-N-acetylamino-8-methylhypoxanthine	Cl	O-acyl
CF ₃	O-amino acid	Cl	S	6-Methylthymine	Cl	OH
CF ₃	O-amino acid	Cl	S	6-Methyluracil	Cl	OH
CF ₃	O-amino acid	Cl	S	8-Methylguanine	Cl	OH
CF ₃	O-amino acid	Cl	S	6-Methylcytosine	Cl	OH
CF ₃	O-amino acid	Cl	S	8-Methyladenine	Cl	OH
CF ₃	O-amino acid	Cl	S	8-Methylhypoxanthine	Cl	OH
CF ₃	O-amino acid	Cl	S	5-Fluoro-6-Methyluracil	Cl	OH
CF ₃	O-amino acid	Cl	S	5-Fluoro-6-Methylcytosine	Cl	OH
CF ₃	O-amino acid	Cl	S	2-Fluoro-8-methyladenine	Cl	OH
CF ₃	O-amino acid	Cl	S	2-Fluoro-8-methylhypoxanthine	Cl	OH
CF ₃	O-amino acid	Cl	S	2-Amino-8-methyladenine	Cl	OH
CF ₃	O-amino acid	Cl	S	2-Amino-8-methylhypoxanthine	Cl	OH
CF ₃	O-amino acid	Cl	S	2-N-acetyl-8-methylguanine	Cl	OH
CF ₃	O-amino acid	Cl	S	4-N-acetyl-8-methylcytosine	Cl	OH
CF ₃	O-amino acid	Cl	S	6-N-acetyl-8-methyladenine	Cl	OH
CF ₃	O-amino acid	Cl	S	4-N-acetyl-5-fluoro-8-methylcytosine	Cl	OH
CF ₃	O-amino acid	Cl	S	6-N-acetyl-2-fluoro-8-methyladenine	Cl	OH
CF ₃	O-amino acid	Cl	S	6-N-acetyl-2-amino-8-methyladenine	Cl	OH
CF ₃	O-amino acid	Cl	S	2-N-acetylamino-8-methyladenine	Cl	OH
CF ₃	O-amino acid	Cl	S	2-N-acetylamino-8-methylhypoxanthine	Cl	OH
CF ₃	O-amino acid	Cl	S	6-Methylthymine	H	H
CF ₃	O-amino acid	Cl	S	6-Methyluracil	H	H
CF ₃	O-amino acid	Cl	S	8-Methylguanine	H	H
CF ₃	O-amino acid	Cl	S	6-Methylcytosine	H	H
CF ₃	O-amino acid	Cl	S	8-Methyladenine	H	H
CF ₃	O-amino acid	Cl	S	8-Methylhypoxanthine	H	H
CF ₃	O-amino acid	Cl	S	5-Fluoro-6-Methyluracil	H	H
CF ₃	O-amino acid	Cl	S	5-Fluoro-6-Methylcytosine	H	H
CF ₃	O-amino acid	Cl	S	2-Fluoro-8-methyladenine	H	H
CF ₃	O-amino acid	Cl	S	2-Fluoro-8-methylhypoxanthine	H	H
CF ₃	O-amino acid	Cl	S	2-Amino-8-methyladenine	H	H
CF ₃	O-amino acid	Cl	S	2-Amino-8-methylhypoxanthine	H	H
CF ₃	O-amino acid	Cl	S	2-N-acetyl-8-methylguanine	H	H
CF ₃	O-amino acid	Cl	S	4-N-acetyl-8-methylcytosine	H	H
CF ₃	O-amino acid	Cl	S	6-N-acetyl-8-methyladenine	H	H
CF ₃	O-amino acid	Cl	S	4-N-acetyl-5-fluoro-8-methylcytosine	H	H
CF ₃	O-amino acid	Cl	S	6-N-acetyl-2-fluoro-8-methyladenine	H	H
CF ₃	O-amino acid	Cl	S	6-N-acetyl-2-amino-8-methyladenine	H	H
CF ₃	O-amino acid	Cl	S	2-N-acetylamino-8-methyladenine	H	H
CF ₃	O-amino acid	Cl	S	2-N-acetylamino-8-methylhypoxanthine	H	H
CF ₃	O-amino acid	Cl	S	6-Methylthymine	H	O-amino acid
CF ₃	O-amino acid	Cl	S	6-Methyluracil	H	O-amino acid

TABLE 6-continued

R ⁶	R ⁷	R ⁸	X	Base	R ¹⁰	R ⁹
CF ₃	O-amino acid	Cl	S	8-Methylguanine	H	O-amino acid
CF ₃	O-amino acid	Cl	S	6-Methylcytosine	H	O-amino acid
CF ₃	O-amino acid	Cl	S	8-Methyladenine	H	O-amino acid
CF ₃	O-amino acid	Cl	S	8-Methylhypoxanthine	H	O-amino acid
CF ₃	O-amino acid	Cl	S	5-Fluoro-6-Methyluracil	H	O-amino acid
CF ₃	O-amino acid	Cl	S	5-Fluoro-6-Methylcytosine	H	O-amino acid
CF ₃	O-amino acid	Cl	S	2-Fluoro-8-methyladenine	H	O-amino acid
CF ₃	O-amino acid	Cl	S	2-Fluoro-8-methylhypoxanthine	H	O-amino acid
CF ₃	O-amino acid	Cl	S	2-Amino-8-methyladenine	H	O-amino acid
CF ₃	O-amino acid	Cl	S	2-Amino-8-methylhypoxanthine	H	O-amino acid
CF ₃	O-amino acid	Cl	S	2-N-acetyl-8-methylguanine	H	O-amino acid
CF ₃	O-amino acid	Cl	S	4-N-acetyl-8-methylcytosine	H	O-amino acid
CF ₃	O-amino acid	Cl	S	6-N-acetyl-8-methyladenine	H	O-amino acid
CF ₃	O-amino acid	Cl	S	4-N-acetyl-5-fluoro-8-methylcytosine	H	O-amino acid
CF ₃	O-amino acid	Cl	S	6-N-acetyl-2-fluoro-8-methyladenine	H	O-amino acid
CF ₃	O-amino acid	Cl	S	6-N-acetyl-2-amino-8-methyladenine	H	O-amino acid
CF ₃	O-amino acid	Cl	S	2-N-acetylamino-8-methyladenine	H	O-amino acid
CF ₃	O-amino acid	Cl	S	2-N-acetylamino-8-methylhypoxanthine	H	O-amino acid
CF ₃	O-amino acid	Cl	S	6-Methylthymine	H	O-acyl
CF ₃	O-amino acid	Cl	S	6-Methyluracil	H	O-acyl
CF ₃	O-amino acid	Cl	S	8-Methylguanine	H	O-acyl
CF ₃	O-amino acid	Cl	S	6-Methylcytosine	H	O-acyl
CF ₃	O-amino acid	Cl	S	8-Methyladenine	H	O-acyl
CF ₃	O-amino acid	Cl	S	8-Methylhypoxanthine	H	O-acyl
CF ₃	O-amino acid	Cl	S	5-Fluoro-6-Methyluracil	H	O-acyl
CF ₃	O-amino acid	Cl	S	5-Fluoro-6-Methylcytosine	H	O-acyl
CF ₃	O-amino acid	Cl	S	2-Fluoro-8-methyladenine	H	O-acyl
CF ₃	O-amino acid	Cl	S	2-Fluoro-8-methylhypoxanthine	H	O-acyl
CF ₃	O-amino acid	Cl	S	2-Amino-8-methyladenine	H	O-acyl
CF ₃	O-amino acid	Cl	S	2-Amino-8-methylhypoxanthine	H	O-acyl
CF ₃	O-amino acid	Cl	S	2-N-acetyl-8-methylguanine	H	O-acyl
CF ₃	O-amino acid	Cl	S	4-N-acetyl-8-methylcytosine	H	O-acyl
CF ₃	O-amino acid	Cl	S	6-N-acetyl-8-methyladenine	H	O-acyl
CF ₃	O-amino acid	Cl	S	4-N-acetyl-5-fluoro-8-methylcytosine	H	O-acyl
CF ₃	O-amino acid	Cl	S	6-N-acetyl-2-fluoro-8-methyladenine	H	O-acyl
CF ₃	O-amino acid	Cl	S	6-N-acetyl-2-amino-8-methyladenine	H	O-acyl
CF ₃	O-amino acid	Cl	S	2-N-acetylamino-8-methyladenine	H	O-acyl
CF ₃	O-amino acid	Cl	S	2-N-acetylamino-8-methylhypoxanthine	H	O-acyl
CF ₃	O-amino acid	Cl	S	6-Methylthymine	H	OH
CF ₃	O-amino acid	Cl	S	6-Methyluracil	H	OH
CF ₃	O-amino acid	Cl	S	8-Methylguanine	H	OH
CF ₃	O-amino acid	Cl	S	6-Methylcytosine	H	OH
CF ₃	O-amino acid	Cl	S	8-Methyladenine	H	OH
CF ₃	O-amino acid	Cl	S	8-Methylhypoxanthine	H	OH
CF ₃	O-amino acid	Cl	S	5-Fluoro-6-Methyluracil	H	OH
CF ₃	O-amino acid	Cl	S	5-Fluoro-6-Methylcytosine	H	OH
CF ₃	O-amino acid	Cl	S	2-Fluoro-8-methyladenine	H	OH
CF ₃	O-amino acid	Cl	S	2-Fluoro-8-methylhypoxanthine	H	OH
CF ₃	O-amino acid	Cl	S	2-Amino-8-methyladenine	H	OH
CF ₃	O-amino acid	Cl	S	2-Amino-8-methylhypoxanthine	H	OH
CF ₃	O-amino acid	Cl	S	2-N-acetyl-8-methylguanine	H	OH
CF ₃	O-amino acid	Cl	S	4-N-acetyl-8-methylcytosine	H	OH
CF ₃	O-amino acid	Cl	S	6-N-acetyl-8-methyladenine	H	OH
CF ₃	O-amino acid	Cl	S	4-N-acetyl-5-fluoro-8-methylcytosine	H	OH
CF ₃	O-amino acid	Cl	S	6-N-acetyl-2-fluoro-8-methyladenine	H	OH
CF ₃	O-amino acid	Cl	S	6-N-acetyl-2-amino-8-methyladenine	H	OH
CF ₃	O-amino acid	Cl	S	2-N-acetylamino-8-methyladenine	H	OH
CF ₃	O-amino acid	Cl	S	2-N-acetylamino-8-methylhypoxanthine	H	OH
CF ₃	O-amino acid	Cl	S	6-Methylthymine	OH	H
CF ₃	O-amino acid	Cl	S	6-Methyluracil	OH	H
CF ₃	O-amino acid	Cl	S	8-Methylguanine	OH	H
CF ₃	O-amino acid	Cl	S	6-Methylcytosine	OH	H
CF ₃	O-amino acid	Cl	S	8-Methyladenine	OH	H
CF ₃	O-amino acid	Cl	S	8-Methylhypoxanthine	OH	H
CF ₃	O-amino acid	Cl	S	5-Fluoro-6-Methyluracil	OH	H
CF ₃	O-amino acid	Cl	S	5-Fluoro-6-Methylcytosine	OH	H
CF ₃	O-amino acid	Cl	S	2-Fluoro-8-methyladenine	OH	H
CF ₃	O-amino acid	Cl	S	2-Fluoro-8-methylhypoxanthine	OH	H
CF ₃	O-amino acid	Cl	S	2-Amino-8-methyladenine	OH	H
CF ₃	O-amino acid	Cl	S	2-Amino-8-methylhypoxanthine	OH	H
CF ₃	O-amino acid	Cl	S	2-N-acetyl-8-methylguanine	OH	H
CF ₃	O-amino acid	Cl	S	4-N-acetyl-8-methylcytosine	OH	H
CF ₃	O-amino acid	Cl	S	6-N-acetyl-8-methyladenine	OH	H
CF ₃	O-amino acid	Cl	S	4-N-acetyl-5-fluoro-8-methylcytosine	OH	H

TABLE 6-continued

R ⁶	R ⁷	R ⁸	X	Base	R ¹⁰	R ⁹
CF ₃	O-amino acid	Cl	S	6-N-acetyl-2-fluoro-8-methyladenine	OH	H
CF ₃	O-amino acid	Cl	S	6-N-acetyl-2-amino-8-methyladenine	OH	H
CF ₃	O-amino acid	Cl	S	2-N-acetyl-amino-8-methyladenine	OH	H
CF ₃	O-amino acid	Cl	S	2-N-acetyl-amino-8-methylhypoxanthine	OH	H
CF ₃	O-amino acid	H	S	6-Methylthymine	F	H
CF ₃	O-amino acid	H	S	6-Methyluracil	F	H
CF ₃	O-amino acid	H	S	8-Methylguanine	F	H
CF ₃	O-amino acid	H	S	6-Methylcytosine	F	H
CF ₃	O-amino acid	H	S	8-Methyladenine	F	H
CF ₃	O-amino acid	H	S	8-Methylhypoxanthine	F	H
CF ₃	O-amino acid	H	S	5-Fluoro-6-Methyluracil	F	H
CF ₃	O-amino acid	H	S	5-Fluoro-6-Methylcytosine	F	H
CF ₃	O-amino acid	H	S	2-Fluoro-8-methyladenine	F	H
CF ₃	O-amino acid	H	S	2-Fluoro-8-methylhypoxanthine	F	H
CF ₃	O-amino acid	H	S	2-Amino-8-methyladenine	F	H
CF ₃	O-amino acid	H	S	2-Amino-8-methylhypoxanthine	F	H
CF ₃	O-amino acid	H	S	2-N-acetyl-8-methylguanine	F	H
CF ₃	O-amino acid	H	S	4-N-acetyl-8-methylcytosine	F	H
CF ₃	O-amino acid	H	S	6-N-acetyl-8-methyladenine	F	H
CF ₃	O-amino acid	H	S	4-N-acetyl-5-fluoro-8-methylcytosine	F	H
CF ₃	O-amino acid	H	S	6-N-acetyl-2-fluoro-8-methyladenine	F	H
CF ₃	O-amino acid	H	S	6-N-acetyl-2-amino-8-methyladenine	F	H
CF ₃	O-amino acid	H	S	2-N-acetyl-amino-8-methyladenine	F	H
CF ₃	O-amino acid	H	S	2-N-acetyl-amino-8-methylhypoxanthine	F	H
CF ₃	O-amino acid	H	S	6-Methylthymine	F	O-amino acid
CF ₃	O-amino acid	H	S	6-Methyluracil	F	O-amino acid
CF ₃	O-amino acid	H	S	8-Methylguanine	F	O-amino acid
CF ₃	O-amino acid	H	S	6-Methylcytosine	F	O-amino acid
CF ₃	O-amino acid	H	S	8-Methyladenine	F	O-amino acid
CF ₃	O-amino acid	H	S	8-Methylhypoxanthine	F	O-amino acid
CF ₃	O-amino acid	H	S	5-Fluoro-6-Methyluracil	F	O-amino acid
CF ₃	O-amino acid	H	S	5-Fluoro-6-Methylcytosine	F	O-amino acid
CF ₃	O-amino acid	H	S	2-Fluoro-8-methyladenine	F	O-amino acid
CF ₃	O-amino acid	H	S	2-Fluoro-8-methylhypoxanthine	F	O-amino acid
CF ₃	O-amino acid	H	S	2-Amino-8-methyladenine	F	O-amino acid
CF ₃	O-amino acid	H	S	2-Amino-8-methylhypoxanthine	F	O-amino acid
CF ₃	O-amino acid	H	S	2-N-acetyl-8-methylguanine	F	O-amino acid
CF ₃	O-amino acid	H	S	4-N-acetyl-8-methylcytosine	F	O-amino acid
CF ₃	O-amino acid	H	S	6-N-acetyl-8-methyladenine	F	O-amino acid
CF ₃	O-amino acid	H	S	4-N-acetyl-5-fluoro-8-methylcytosine	F	O-amino acid
CF ₃	O-amino acid	H	S	6-N-acetyl-2-fluoro-8-methyladenine	F	O-amino acid
CF ₃	O-amino acid	H	S	6-N-acetyl-2-amino-8-methyladenine	F	O-amino acid
CF ₃	O-amino acid	H	S	2-N-acetyl-amino-8-methyladenine	F	O-amino acid
CF ₃	O-amino acid	H	S	2-N-acetyl-amino-8-methylhypoxanthine	F	O-amino acid
CF ₃	O-amino acid	H	S	6-Methylthymine	F	O-acyl
CF ₃	O-amino acid	H	S	6-Methyluracil	F	O-acyl
CF ₃	O-amino acid	H	S	8-Methylguanine	F	O-acyl
CF ₃	O-amino acid	H	S	6-Methylcytosine	F	O-acyl
CF ₃	O-amino acid	H	S	8-Methyladenine	F	O-acyl
CF ₃	O-amino acid	H	S	8-Methylhypoxanthine	F	O-acyl
CF ₃	O-amino acid	H	S	5-Fluoro-6-Methyluracil	F	O-acyl
CF ₃	O-amino acid	H	S	5-Fluoro-6-Methylcytosine	F	O-acyl
CF ₃	O-amino acid	H	S	2-Fluoro-8-methyladenine	F	O-acyl
CF ₃	O-amino acid	H	S	2-Fluoro-8-methylhypoxanthine	F	O-acyl
CF ₃	O-amino acid	H	S	2-Amino-8-methyladenine	F	O-acyl
CF ₃	O-amino acid	H	S	2-Amino-8-methylhypoxanthine	F	O-acyl
CF ₃	O-amino acid	H	S	2-N-acetyl-8-methylguanine	F	O-acyl
CF ₃	O-amino acid	H	S	4-N-acetyl-8-methylcytosine	F	O-acyl
CF ₃	O-amino acid	H	S	6-N-acetyl-8-methyladenine	F	O-acyl
CF ₃	O-amino acid	H	S	4-N-acetyl-5-fluoro-8-methylcytosine	F	O-acyl
CF ₃	O-amino acid	H	S	6-N-acetyl-2-fluoro-8-methyladenine	F	O-acyl
CF ₃	O-amino acid	H	S	6-N-acetyl-2-amino-8-methyladenine	F	O-acyl
CF ₃	O-amino acid	H	S	2-N-acetyl-amino-8-methyladenine	F	O-acyl
CF ₃	O-amino acid	H	S	2-N-acetyl-amino-8-methylhypoxanthine	F	O-acyl
CF ₃	O-amino acid	H	S	6-Methylthymine	F	OH
CF ₃	O-amino acid	H	S	6-Methyluracil	F	OH
CF ₃	O-amino acid	H	S	8-Methylguanine	F	OH
CF ₃	O-amino acid	H	S	6-Methylcytosine	F	OH
CF ₃	O-amino acid	H	S	8-Methyladenine	F	OH
CF ₃	O-amino acid	H	S	8-Methylhypoxanthine	F	OH
CF ₃	O-amino acid	H	S	5-Fluoro-6-Methyluracil	F	OH
CF ₃	O-amino acid	H	S	5-Fluoro-6-Methylcytosine	F	OH
CF ₃	O-amino acid	H	S	2-Fluoro-8-methyladenine	F	OH

TABLE 6-continued

R ⁶	R ⁷	R ⁸	X	Base	R ¹⁰	R ⁹
CF ₃	O-amino acid	H	S	2-Fluoro-8-methylhypoxanthine	F	OH
CF ₃	O-amino acid	H	S	2-Amino-8-methyladenine	F	OH
CF ₃	O-amino acid	H	S	2-Amino-8-methylhypoxanthine	F	OH
CF ₃	O-amino acid	H	S	2-N-acetyl-8-methylguanine	F	OH
CF ₃	O-amino acid	H	S	4-N-acetyl-8-methylcytosine	F	OH
CF ₃	O-amino acid	H	S	6-N-acetyl-8-methyladenine	F	OH
CF ₃	O-amino acid	H	S	4-N-acetyl-5-fluoro-8-methylcytosine	F	OH
CF ₃	O-amino acid	H	S	6-N-acetyl-2-fluoro-8-methyladenine	F	OH
CF ₃	O-amino acid	H	S	6-N-acetyl-2-amino-8-methyladenine	F	OH
CF ₃	O-amino acid	H	S	2-N-acetylamino-8-methyladenine	F	OH
CF ₃	O-amino acid	H	S	2-N-acetylamino-8-methylhypoxanthine	F	OH
CF ₃	O-amino acid	H	S	6-Methylthymine	Br	H
CF ₃	O-amino acid	H	S	6-Methyluracil	Br	H
CF ₃	O-amino acid	H	S	8-Methylguanine	Br	H
CF ₃	O-amino acid	H	S	6-Methylcytosine	Br	H
CF ₃	O-amino acid	H	S	8-Methyladenine	Br	H
CF ₃	O-amino acid	H	S	8-Methylhypoxanthine	Br	H
CF ₃	O-amino acid	H	S	5-Fluoro-6-Methyluracil	Br	H
CF ₃	O-amino acid	H	S	5-Fluoro-6-Methylcytosine	Br	H
CF ₃	O-amino acid	H	S	2-Fluoro-8-methyladenine	Br	H
CF ₃	O-amino acid	H	S	2-Fluoro-8-methylhypoxanthine	Br	H
CF ₃	O-amino acid	H	S	2-Amino-8-methyladenine	Br	H
CF ₃	O-amino acid	H	S	2-Amino-8-methylhypoxanthine	Br	H
CF ₃	O-amino acid	H	S	2-N-acetyl-8-methylguanine	Br	H
CF ₃	O-amino acid	H	S	4-N-acetyl-8-methylcytosine	Br	H
CF ₃	O-amino acid	H	S	6-N-acetyl-8-methyladenine	Br	H
CF ₃	O-amino acid	H	S	4-N-acetyl-5-fluoro-8-methylcytosine	Br	H
CF ₃	O-amino acid	H	S	6-N-acetyl-2-fluoro-8-methyladenine	Br	H
CF ₃	O-amino acid	H	S	6-N-acetyl-2-amino-8-methyladenine	Br	H
CF ₃	O-amino acid	H	S	2-N-acetylamino-8-methyladenine	Br	H
CF ₃	O-amino acid	H	S	2-N-acetylamino-8-methylhypoxanthine	Br	H
CF ₃	O-amino acid	H	S	6-Methylthymine	Br	O-amino acid
CF ₃	O-amino acid	H	S	6-Methyluracil	Br	O-amino acid
CF ₃	O-amino acid	H	S	8-Methylguanine	Br	O-amino acid
CF ₃	O-amino acid	H	S	6-Methylcytosine	Br	O-amino acid
CF ₃	O-amino acid	H	S	8-Methyladenine	Br	O-amino acid
CF ₃	O-amino acid	H	S	8-Methylhypoxanthine	Br	O-amino acid
CF ₃	O-amino acid	H	S	5-Fluoro-6-Methyluracil	Br	O-amino acid
CF ₃	O-amino acid	H	S	5-Fluoro-6-Methylcytosine	Br	O-amino acid
CF ₃	O-amino acid	H	S	2-Fluoro-8-methyladenine	Br	O-amino acid
CF ₃	O-amino acid	H	S	2-Fluoro-8-methylhypoxanthine	Br	O-amino acid
CF ₃	O-amino acid	H	S	2-Amino-8-methyladenine	Br	O-amino acid
CF ₃	O-amino acid	H	S	2-Amino-8-methylhypoxanthine	Br	O-amino acid
CF ₃	O-amino acid	H	S	2-N-acetyl-8-methylguanine	Br	O-amino acid
CF ₃	O-amino acid	H	S	4-N-acetyl-8-methylcytosine	Br	O-amino acid
CF ₃	O-amino acid	H	S	6-N-acetyl-8-methyladenine	Br	O-amino acid
CF ₃	O-amino acid	H	S	4-N-acetyl-5-fluoro-8-methylcytosine	Br	O-amino acid
CF ₃	O-amino acid	H	S	6-N-acetyl-2-fluoro-8-methyladenine	Br	O-amino acid
CF ₃	O-amino acid	H	S	6-N-acetyl-2-amino-8-methyladenine	Br	O-amino acid
CF ₃	O-amino acid	H	S	2-N-acetylamino-8-methyladenine	Br	O-amino acid
CF ₃	O-amino acid	H	S	2-N-acetylamino-8-methylhypoxanthine	Br	O-amino acid
CF ₃	O-amino acid	H	S	6-Methylthymine	Br	O-acyl
CF ₃	O-amino acid	H	S	6-Methyluracil	Br	O-acyl
CF ₃	O-amino acid	H	S	8-Methylguanine	Br	O-acyl
CF ₃	O-amino acid	H	S	6-Methylcytosine	Br	O-acyl
CF ₃	O-amino acid	H	S	8-Methyladenine	Br	O-acyl
CF ₃	O-amino acid	H	S	8-Methylhypoxanthine	Br	O-acyl
CF ₃	O-amino acid	H	S	5-Fluoro-6-Methyluracil	Br	O-acyl
CF ₃	O-amino acid	H	S	5-Fluoro-6-Methylcytosine	Br	O-acyl
CF ₃	O-amino acid	H	S	2-Fluoro-8-methyladenine	Br	O-acyl
CF ₃	O-amino acid	H	S	2-Fluoro-8-methylhypoxanthine	Br	O-acyl
CF ₃	O-amino acid	H	S	2-Amino-8-methyladenine	Br	O-acyl
CF ₃	O-amino acid	H	S	2-Amino-8-methylhypoxanthine	Br	O-acyl
CF ₃	O-amino acid	H	S	2-N-acetyl-8-methylguanine	Br	O-acyl
CF ₃	O-amino acid	H	S	4-N-acetyl-8-methylcytosine	Br	O-acyl
CF ₃	O-amino acid	H	S	6-N-acetyl-8-methyladenine	Br	O-acyl
CF ₃	O-amino acid	H	S	4-N-acetyl-5-fluoro-8-methylcytosine	Br	O-acyl
CF ₃	O-amino acid	H	S	6-N-acetyl-2-fluoro-8-methyladenine	Br	O-acyl
CF ₃	O-amino acid	H	S	6-N-acetyl-2-amino-8-methyladenine	Br	O-acyl
CF ₃	O-amino acid	H	S	2-N-acetylamino-8-methyladenine	Br	O-acyl
CF ₃	O-amino acid	H	S	2-N-acetylamino-8-methylhypoxanthine	Br	O-acyl
CF ₃	O-amino acid	H	S	6-Methylthymine	Br	OH
CF ₃	O-amino acid	H	S	6-Methyluracil	Br	OH

TABLE 6-continued

R ⁶	R ⁷	R ⁸	X	Base	R ¹⁰	R ⁹
CF ₃	O-amino acid	H	S	8-Methylguanine	Br	OH
CF ₃	O-amino acid	H	S	6-Methylcytosine	Br	OH
CF ₃	O-amino acid	H	S	8-Methyladenine	Br	OH
CF ₃	O-amino acid	H	S	8-Methylhypoxanthine	Br	OH
CF ₃	O-amino acid	H	S	5-Fluoro-6-Methyluracil	Br	OH
CF ₃	O-amino acid	H	S	5-Fluoro-6-Methylcytosine	Br	OH
CF ₃	O-amino acid	H	S	2-Fluoro-8-methyladenine	Br	OH
CF ₃	O-amino acid	H	S	2-Fluoro-8-methylhypoxanthine	Br	OH
CF ₃	O-amino acid	H	S	2-Amino-8-methyladenine	Br	OH
CF ₃	O-amino acid	H	S	2-Amino-8-methylhypoxanthine	Br	OH
CF ₃	O-amino acid	H	S	2-N-acetyl-8-methylguanine	Br	OH
CF ₃	O-amino acid	H	S	4-N-acetyl-8-methylcytosine	Br	OH
CF ₃	O-amino acid	H	S	6-N-acetyl-8-methyladenine	Br	OH
CF ₃	O-amino acid	H	S	4-N-acetyl-5-fluoro-8-methylcytosine	Br	OH
CF ₃	O-amino acid	H	S	6-N-acetyl-2-fluoro-8-methyladenine	Br	OH
CF ₃	O-amino acid	H	S	6-N-acetyl-2-amino-8-methyladenine	Br	OH
CF ₃	O-amino acid	H	S	2-N-acetylamino-8-methyladenine	Br	OH
CF ₃	O-amino acid	H	S	2-N-acetylamino-8-methylhypoxanthine	Br	OH
CF ₃	O-amino acid	H	S	6-Methylthymine	Cl	H
CF ₃	O-amino acid	H	S	6-Methyluracil	Cl	H
CF ₃	O-amino acid	H	S	8-Methylguanine	Cl	H
CF ₃	O-amino acid	H	S	6-Methylcytosine	Cl	H
CF ₃	O-amino acid	H	S	8-Methyladenine	Cl	H
CF ₃	O-amino acid	H	S	8-Methylhypoxanthine	Cl	H
CF ₃	O-amino acid	H	S	5-Fluoro-6-Methyluracil	Cl	H
CF ₃	O-amino acid	H	S	5-Fluoro-6-Methylcytosine	Cl	H
CF ₃	O-amino acid	H	S	2-Fluoro-8-methyladenine	Cl	H
CF ₃	O-amino acid	H	S	2-Fluoro-8-methylhypoxanthine	Cl	H
CF ₃	O-amino acid	H	S	2-Amino-8-methyladenine	Cl	H
CF ₃	O-amino acid	H	S	2-Amino-8-methylhypoxanthine	Cl	H
CF ₃	O-amino acid	H	S	2-N-acetyl-8-methylguanine	Cl	H
CF ₃	O-amino acid	H	S	4-N-acetyl-8-methylcytosine	Cl	H
CF ₃	O-amino acid	H	S	6-N-acetyl-8-methyladenine	Cl	H
CF ₃	O-amino acid	H	S	4-N-acetyl-5-fluoro-8-methylcytosine	Cl	H
CF ₃	O-amino acid	H	S	6-N-acetyl-2-fluoro-8-methyladenine	Cl	H
CF ₃	O-amino acid	H	S	6-N-acetyl-2-amino-8-methyladenine	Cl	H
CF ₃	O-amino acid	H	S	2-N-acetylamino-8-methyladenine	Cl	H
CF ₃	O-amino acid	H	S	2-N-acetylamino-8-methylhypoxanthine	Cl	H
CF ₃	O-amino acid	H	S	6-Methylthymine	Cl	O-amino acid
CF ₃	O-amino acid	H	S	6-Methyluracil	Cl	O-amino acid
CF ₃	O-amino acid	H	S	8-Methylguanine	Cl	O-amino acid
CF ₃	O-amino acid	H	S	6-Methylcytosine	Cl	O-amino acid
CF ₃	O-amino acid	H	S	8-Methyladenine	Cl	O-amino acid
CF ₃	O-amino acid	H	S	8-Methylhypoxanthine	Cl	O-amino acid
CF ₃	O-amino acid	H	S	5-Fluoro-6-Methyluracil	Cl	O-amino acid
CF ₃	O-amino acid	H	S	5-Fluoro-6-Methylcytosine	Cl	O-amino acid
CF ₃	O-amino acid	H	S	2-Fluoro-8-methyladenine	Cl	O-amino acid
CF ₃	O-amino acid	H	S	2-Fluoro-8-methylhypoxanthine	Cl	O-amino acid
CF ₃	O-amino acid	H	S	2-Amino-8-methyladenine	Cl	O-amino acid
CF ₃	O-amino acid	H	S	2-Amino-8-methylhypoxanthine	Cl	O-amino acid
CF ₃	O-amino acid	H	S	2-N-acetyl-8-methylguanine	Cl	O-amino acid
CF ₃	O-amino acid	H	S	4-N-acetyl-8-methylcytosine	Cl	O-amino acid
CF ₃	O-amino acid	H	S	6-N-acetyl-8-methyladenine	Cl	O-amino acid
CF ₃	O-amino acid	H	S	4-N-acetyl-5-fluoro-8-methylcytosine	Cl	O-amino acid
CF ₃	O-amino acid	H	S	6-N-acetyl-2-fluoro-8-methyladenine	Cl	O-amino acid
CF ₃	O-amino acid	H	S	6-N-acetyl-2-amino-8-methyladenine	Cl	O-amino acid
CF ₃	O-amino acid	H	S	2-N-acetylamino-8-methyladenine	Cl	O-amino acid
CF ₃	O-amino acid	H	S	2-N-acetylamino-8-methylhypoxanthine	Cl	O-amino acid
CF ₃	O-amino acid	H	S	6-Methylthymine	Cl	O-acyl
CF ₃	O-amino acid	H	S	6-Methyluracil	Cl	O-acyl
CF ₃	O-amino acid	H	S	8-Methylguanine	Cl	O-acyl
CF ₃	O-amino acid	H	S	6-Methylcytosine	Cl	O-acyl
CF ₃	O-amino acid	H	S	8-Methyladenine	Cl	O-acyl
CF ₃	O-amino acid	H	S	8-Methylhypoxanthine	Cl	O-acyl
CF ₃	O-amino acid	H	S	5-Fluoro-6-Methyluracil	Cl	O-acyl
CF ₃	O-amino acid	H	S	5-Fluoro-6-Methylcytosine	Cl	O-acyl
CF ₃	O-amino acid	H	S	2-Fluoro-8-methyladenine	Cl	O-acyl
CF ₃	O-amino acid	H	S	2-Fluoro-8-methylhypoxanthine	Cl	O-acyl
CF ₃	O-amino acid	H	S	2-Amino-8-methyladenine	Cl	O-acyl
CF ₃	O-amino acid	H	S	2-Amino-8-methylhypoxanthine	Cl	O-acyl
CF ₃	O-amino acid	H	S	2-N-acetyl-8-methylguanine	Cl	O-acyl
CF ₃	O-amino acid	H	S	4-N-acetyl-8-methylcytosine	Cl	O-acyl
CF ₃	O-amino acid	H	S	6-N-acetyl-8-methyladenine	Cl	O-acyl
CF ₃	O-amino acid	H	S	4-N-acetyl-5-fluoro-8-methylcytosine	Cl	O-acyl

TABLE 6-continued

R ⁶	R ⁷	R ⁸	X	Base	R ¹⁰	R ⁹
CF ₃	O-amino acid	H	S	6-N-acetyl-2-fluoro-8-methyladenine	Cl	O-acyl
CF ₃	O-amino acid	H	S	6-N-acetyl-2-amino-8-methyladenine	Cl	O-acyl
CF ₃	O-amino acid	H	S	2-N-acetyl-amino-8-methyladenine	Cl	O-acyl
CF ₃	O-amino acid	H	S	2-N-acetyl-amino-8-methylhypoxanthine	Cl	O-acyl
CF ₃	O-amino acid	H	S	6-Methylthymine	Cl	OH
CF ₃	O-amino acid	H	S	6-Methyluracil	Cl	OH
CF ₃	O-amino acid	H	S	8-Methylguanine	Cl	OH
CF ₃	O-amino acid	H	S	6-Methylcytosine	Cl	OH
CF ₃	O-amino acid	H	S	8-Methyladenine	Cl	OH
CF ₃	O-amino acid	H	S	8-Methylhypoxanthine	Cl	OH
CF ₃	O-amino acid	H	S	5-Fluoro-6-Methyluracil	Cl	OH
CF ₃	O-amino acid	H	S	5-Fluoro-6-Methylcytosine	Cl	OH
CF ₃	O-amino acid	H	S	2-Fluoro-8-methyladenine	Cl	OH
CF ₃	O-amino acid	H	S	2-Fluoro-8-methylhypoxanthine	Cl	OH
CF ₃	O-amino acid	H	S	2-Amino-8-methyladenine	Cl	OH
CF ₃	O-amino acid	H	S	2-Amino-8-methylhypoxanthine	Cl	OH
CF ₃	O-amino acid	H	S	2-N-acetyl-8-methylguanine	Cl	OH
CF ₃	O-amino acid	H	S	4-N-acetyl-8-methylcytosine	Cl	OH
CF ₃	O-amino acid	H	S	6-N-acetyl-8-methyladenine	Cl	OH
CF ₃	O-amino acid	H	S	4-N-acetyl-5-fluoro-8-methylcytosine	Cl	OH
CF ₃	O-amino acid	H	S	6-N-acetyl-2-fluoro-8-methyladenine	Cl	OH
CF ₃	O-amino acid	H	S	6-N-acetyl-2-amino-8-methyladenine	Cl	OH
CF ₃	O-amino acid	H	S	2-N-acetyl-amino-8-methyladenine	Cl	OH
CF ₃	O-amino acid	H	S	2-N-acetyl-amino-8-methylhypoxanthine	Cl	OH
CF ₃	O-amino acid	H	S	6-Methylthymine	H	H
CF ₃	O-amino acid	H	S	6-Methyluracil	H	H
CF ₃	O-amino acid	H	S	8-Methylguanine	H	H
CF ₃	O-amino acid	H	S	6-Methylcytosine	H	H
CF ₃	O-amino acid	H	S	8-Methyladenine	H	H
CF ₃	O-amino acid	H	S	8-Methylhypoxanthine	H	H
CF ₃	O-amino acid	H	S	5-Fluoro-6-Methyluracil	H	H
CF ₃	O-amino acid	H	S	5-Fluoro-6-Methylcytosine	H	H
CF ₃	O-amino acid	H	S	2-Fluoro-8-methyladenine	H	H
CF ₃	O-amino acid	H	S	2-Fluoro-8-methylhypoxanthine	H	H
CF ₃	O-amino acid	H	S	2-Amino-8-methyladenine	H	H
CF ₃	O-amino acid	H	S	2-Amino-8-methylhypoxanthine	H	H
CF ₃	O-amino acid	H	S	2-N-acetyl-8-methylguanine	H	H
CF ₃	O-amino acid	H	S	4-N-acetyl-8-methylcytosine	H	H
CF ₃	O-amino acid	H	S	6-N-acetyl-8-methyladenine	H	H
CF ₃	O-amino acid	H	S	4-N-acetyl-5-fluoro-8-methylcytosine	H	H
CF ₃	O-amino acid	H	S	6-N-acetyl-2-fluoro-8-methyladenine	H	H
CF ₃	O-amino acid	H	S	6-N-acetyl-2-amino-8-methyladenine	H	H
CF ₃	O-amino acid	H	S	2-N-acetyl-amino-8-methyladenine	H	H
CF ₃	O-amino acid	H	S	2-N-acetyl-amino-8-methylhypoxanthine	H	H
CF ₃	O-amino acid	H	S	6-Methylthymine	H	O-amino acid
CF ₃	O-amino acid	H	S	6-Methyluracil	H	O-amino acid
CF ₃	O-amino acid	H	S	8-Methylguanine	H	O-amino acid
CF ₃	O-amino acid	H	S	6-Methylcytosine	H	O-amino acid
CF ₃	O-amino acid	H	S	8-Methyladenine	H	O-amino acid
CF ₃	O-amino acid	H	S	8-Methylhypoxanthine	H	O-amino acid
CF ₃	O-amino acid	H	S	5-Fluoro-6-Methyluracil	H	O-amino acid
CF ₃	O-amino acid	H	S	5-Fluoro-6-Methylcytosine	H	O-amino acid
CF ₃	O-amino acid	H	S	2-Fluoro-8-methyladenine	H	O-amino acid
CF ₃	O-amino acid	H	S	2-Fluoro-8-methylhypoxanthine	H	O-amino acid
CF ₃	O-amino acid	H	S	2-Amino-8-methyladenine	H	O-amino acid
CF ₃	O-amino acid	H	S	2-Amino-8-methylhypoxanthine	H	O-amino acid
CF ₃	O-amino acid	H	S	2-N-acetyl-8-methylguanine	H	O-amino acid
CF ₃	O-amino acid	H	S	4-N-acetyl-8-methylcytosine	H	O-amino acid
CF ₃	O-amino acid	H	S	6-N-acetyl-8-methyladenine	H	O-amino acid
CF ₃	O-amino acid	H	S	4-N-acetyl-5-fluoro-8-methylcytosine	H	O-amino acid
CF ₃	O-amino acid	H	S	6-N-acetyl-2-fluoro-8-methyladenine	H	O-amino acid
CF ₃	O-amino acid	H	S	6-N-acetyl-2-amino-8-methyladenine	H	O-amino acid
CF ₃	O-amino acid	H	S	2-N-acetyl-amino-8-methyladenine	H	O-amino acid
CF ₃	O-amino acid	H	S	2-N-acetyl-amino-8-methylhypoxanthine	H	O-amino acid
CF ₃	O-amino acid	H	S	6-Methylthymine	H	O-acyl
CF ₃	O-amino acid	H	S	6-Methyluracil	H	O-acyl
CF ₃	O-amino acid	H	S	8-Methylguanine	H	O-acyl
CF ₃	O-amino acid	H	S	6-Methylcytosine	H	O-acyl
CF ₃	O-amino acid	H	S	8-Methyladenine	H	O-acyl
CF ₃	O-amino acid	H	S	8-Methylhypoxanthine	H	O-acyl
CF ₃	O-amino acid	H	S	5-Fluoro-6-Methyluracil	H	O-acyl
CF ₃	O-amino acid	H	S	5-Fluoro-6-Methylcytosine	H	O-acyl
CF ₃	O-amino acid	H	S	2-Fluoro-8-methyladenine	H	O-acyl

TABLE 6-continued

R ⁶	R ⁷	R ⁸	X	Base	R ¹⁰	R ⁹
CF ₃	O-amino acid	H	S	2-Fluoro-8-methylhypoxanthine	H	O-acyl
CF ₃	O-amino acid	H	S	2-Amino-8-methyladenine	H	O-acyl
CF ₃	O-amino acid	H	S	2-Amino-8-methylhypoxanthine	H	O-acyl
CF ₃	O-amino acid	H	S	2-N-acetyl-8-methylguanine	H	O-acyl
CF ₃	O-amino acid	H	S	4-N-acetyl-8-methylcytosine	H	O-acyl
CF ₃	O-amino acid	H	S	6-N-acetyl-8-methyladenine	H	O-acyl
CF ₃	O-amino acid	H	S	4-N-acetyl-5-fluoro-8-methylcytosine	H	O-acyl
CF ₃	O-amino acid	H	S	6-N-acetyl-2-fluoro-8-methyladenine	H	O-acyl
CF ₃	O-amino acid	H	S	6-N-acetyl-2-amino-8-methyladenine	H	O-acyl
CF ₃	O-amino acid	H	S	2-N-acetylamino-8-methyladenine	H	O-acyl
CF ₃	O-amino acid	H	S	2-N-acetylamino-8-methylhypoxanthine	H	O-acyl
CF ₃	O-amino acid	H	S	6-Methylthymine	H	OH
CF ₃	O-amino acid	H	S	6-Methyluracil	H	OH
CF ₃	O-amino acid	H	S	8-Methylguanine	H	OH
CF ₃	O-amino acid	H	S	6-Methylcytosine	H	OH
CF ₃	O-amino acid	H	S	8-Methyladenine	H	OH
CF ₃	O-amino acid	H	S	8-Methylhypoxanthine	H	OH
CF ₃	O-amino acid	H	S	5-Fluoro-6-Methyluracil	H	OH
CF ₃	O-amino acid	H	S	5-Fluoro-6-Methylcytosine	H	OH
CF ₃	O-amino acid	H	S	2-Fluoro-8-methyladenine	H	OH
CF ₃	O-amino acid	H	S	2-Fluoro-8-methylhypoxanthine	H	OH
CF ₃	O-amino acid	H	S	2-Amino-8-methyladenine	H	OH
CF ₃	O-amino acid	H	S	2-Amino-8-methylhypoxanthine	H	OH
CF ₃	O-amino acid	H	S	2-N-acetyl-8-methylguanine	H	OH
CF ₃	O-amino acid	H	S	4-N-acetyl-8-methylcytosine	H	OH
CF ₃	O-amino acid	H	S	6-N-acetyl-8-methyladenine	H	OH
CF ₃	O-amino acid	H	S	4-N-acetyl-5-fluoro-8-methylcytosine	H	OH
CF ₃	O-amino acid	H	S	6-N-acetyl-2-fluoro-8-methyladenine	H	OH
CF ₃	O-amino acid	H	S	6-N-acetyl-2-amino-8-methyladenine	H	OH
CF ₃	O-amino acid	H	S	2-N-acetylamino-8-methyladenine	H	OH
CF ₃	O-amino acid	H	S	2-N-acetylamino-8-methylhypoxanthine	H	OH
CF ₃	O-amino acid	H	S	6-Methylthymine	OH	H
CF ₃	O-amino acid	H	S	6-Methyluracil	OH	H
CF ₃	O-amino acid	H	S	8-Methylguanine	OH	H
CF ₃	O-amino acid	H	S	6-Methylcytosine	OH	H
CF ₃	O-amino acid	H	S	8-Methyladenine	OH	H
CF ₃	O-amino acid	H	S	8-Methylhypoxanthine	OH	H
CF ₃	O-amino acid	H	S	5-Fluoro-6-Methyluracil	OH	H
CF ₃	O-amino acid	H	S	5-Fluoro-6-Methylcytosine	OH	H
CF ₃	O-amino acid	H	S	2-Fluoro-8-methyladenine	OH	H
CF ₃	O-amino acid	H	S	2-Fluoro-8-methylhypoxanthine	OH	H
CF ₃	O-amino acid	H	S	2-Amino-8-methyladenine	OH	H
CF ₃	O-amino acid	H	S	2-Amino-8-methylhypoxanthine	OH	H
CF ₃	O-amino acid	H	S	2-N-acetyl-8-methylguanine	OH	H
CF ₃	O-amino acid	H	S	4-N-acetyl-8-methylcytosine	OH	H
CF ₃	O-amino acid	H	S	6-N-acetyl-8-methyladenine	OH	H
CF ₃	O-amino acid	H	S	4-N-acetyl-5-fluoro-8-methylcytosine	OH	H
CF ₃	O-amino acid	H	S	6-N-acetyl-2-fluoro-8-methyladenine	OH	H
CF ₃	O-amino acid	H	S	6-N-acetyl-2-amino-8-methyladenine	OH	H
CF ₃	O-amino acid	H	S	2-N-acetylamino-8-methyladenine	OH	H
CF ₃	O-amino acid	H	S	2-N-acetylamino-8-methylhypoxanthine	OH	H
CF ₃	OH	F	S	6-Methylthymine	F	O-amino acid
CF ₃	OH	F	S	6-Methyluracil	F	O-amino acid
CF ₃	OH	F	S	8-Methylguanine	F	O-amino acid
CF ₃	OH	F	S	6-Methylcytosine	F	O-amino acid
CF ₃	OH	F	S	8-Methyladenine	F	O-amino acid
CF ₃	OH	F	S	8-Methylhypoxanthine	F	O-amino acid
CF ₃	OH	F	S	5-Fluoro-6-Methyluracil	F	O-amino acid
CF ₃	OH	F	S	5-Fluoro-6-Methylcytosine	F	O-amino acid
CF ₃	OH	F	S	2-Fluoro-8-methyladenine	F	O-amino acid
CF ₃	OH	F	S	2-Fluoro-8-methylhypoxanthine	F	O-amino acid
CF ₃	OH	F	S	2-Amino-8-methyladenine	F	O-amino acid
CF ₃	OH	F	S	2-Amino-8-methylhypoxanthine	F	O-amino acid
CF ₃	OH	F	S	2-N-acetyl-8-methylguanine	F	O-amino acid
CF ₃	OH	F	S	4-N-acetyl-8-methylcytosine	F	O-amino acid
CF ₃	OH	F	S	6-N-acetyl-8-methyladenine	F	O-amino acid
CF ₃	OH	F	S	4-N-acetyl-5-fluoro-8-methylcytosine	F	O-amino acid
CF ₃	OH	F	S	6-N-acetyl-2-fluoro-8-methyladenine	F	O-amino acid
CF ₃	OH	F	S	6-N-acetyl-2-amino-8-methyladenine	F	O-amino acid
CF ₃	OH	F	S	2-N-acetylamino-8-methyladenine	F	O-amino acid
CF ₃	OH	F	S	2-N-acetylamino-8-methylhypoxanthine	F	O-amino acid
CF ₃	OH	F	S	6-Methylthymine	F	O-acyl
CF ₃	OH	F	S	6-Methyluracil	F	O-acyl

TABLE 6-continued

R ⁶	R ⁷	R ⁸	X	Base	R ¹⁰	R ⁹
CF ₃	OH	F	S	8-Methylguanine	F	O-acyl
CF ₃	OH	F	S	6-Methylcytosine	F	O-acyl
CF ₃	OH	F	S	8-Methyladenine	F	O-acyl
CF ₃	OH	F	S	8-Methylhypoxanthine	F	O-acyl
CF ₃	OH	F	S	5-Fluoro-6-Methyluracil	F	O-acyl
CF ₃	OH	F	S	5-Fluoro-6-Methylcytosine	F	O-acyl
CF ₃	OH	F	S	2-Fluoro-8-methyladenine	F	O-acyl
CF ₃	OH	F	S	2-Fluoro-8-methylhypoxanthine	F	O-acyl
CF ₃	OH	F	S	2-Amino-8-methyladenine	F	O-acyl
CF ₃	OH	F	S	2-Amino-8-methylhypoxanthine	F	O-acyl
CF ₃	OH	F	S	2-N-acetyl-8-methylguanine	F	O-acyl
CF ₃	OH	F	S	4-N-acetyl-8-methylcytosine	F	O-acyl
CF ₃	OH	F	S	6-N-acetyl-8-methyladenine	F	O-acyl
CF ₃	OH	F	S	4-N-acetyl-5-fluoro-8-methylcytosine	F	O-acyl
CF ₃	OH	F	S	6-N-acetyl-2-fluoro-8-methyladenine	F	O-acyl
CF ₃	OH	F	S	6-N-acetyl-2-amino-8-methyladenine	F	O-acyl
CF ₃	OH	F	S	2-N-acetylamino-8-methyladenine	F	O-acyl
CF ₃	OH	F	S	2-N-acetylamino-8-methylhypoxanthine	F	O-acyl
CF ₃	OH	F	S	6-Methylthymine	Br	O-amino acid
CF ₃	OH	F	S	6-Methyluracil	Br	O-amino acid
CF ₃	OH	F	S	8-Methylguanine	Br	O-amino acid
CF ₃	OH	F	S	6-Methylcytosine	Br	O-amino acid
CF ₃	OH	F	S	8-Methyladenine	Br	O-amino acid
CF ₃	OH	F	S	8-Methylhypoxanthine	Br	O-amino acid
CF ₃	OH	F	S	5-Fluoro-6-Methyluracil	Br	O-amino acid
CF ₃	OH	F	S	5-Fluoro-6-Methylcytosine	Br	O-amino acid
CF ₃	OH	F	S	2-Fluoro-8-methyladenine	Br	O-amino acid
CF ₃	OH	F	S	2-Fluoro-8-methylhypoxanthine	Br	O-amino acid
CF ₃	OH	F	S	2-Amino-8-methyladenine	Br	O-amino acid
CF ₃	OH	F	S	2-Amino-8-methylhypoxanthine	Br	O-amino acid
CF ₃	OH	F	S	2-N-acetyl-8-methylguanine	Br	O-amino acid
CF ₃	OH	F	S	4-N-acetyl-8-methylcytosine	Br	O-amino acid
CF ₃	OH	F	S	6-N-acetyl-8-methyladenine	Br	O-amino acid
CF ₃	OH	F	S	4-N-acetyl-5-fluoro-8-methylcytosine	Br	O-amino acid
CF ₃	OH	F	S	6-N-acetyl-2-fluoro-8-methyladenine	Br	O-amino acid
CF ₃	OH	F	S	6-N-acetyl-2-amino-8-methyladenine	Br	O-amino acid
CF ₃	OH	F	S	2-N-acetylamino-8-methyladenine	Br	O-amino acid
CF ₃	OH	F	S	2-N-acetylamino-8-methylhypoxanthine	Br	O-amino acid
CF ₃	OH	F	S	6-Methylthymine	Br	O-acyl
CF ₃	OH	F	S	6-Methyluracil	Br	O-acyl
CF ₃	OH	F	S	8-Methylguanine	Br	O-acyl
CF ₃	OH	F	S	6-Methylcytosine	Br	O-acyl
CF ₃	OH	F	S	8-Methyladenine	Br	O-acyl
CF ₃	OH	F	S	8-Methylhypoxanthine	Br	O-acyl
CF ₃	OH	F	S	5-Fluoro-6-Methyluracil	Br	O-acyl
CF ₃	OH	F	S	5-Fluoro-6-Methylcytosine	Br	O-acyl
CF ₃	OH	F	S	2-Fluoro-8-methyladenine	Br	O-acyl
CF ₃	OH	F	S	2-Fluoro-8-methylhypoxanthine	Br	O-acyl
CF ₃	OH	F	S	2-Amino-8-methyladenine	Br	O-acyl
CF ₃	OH	F	S	2-Amino-8-methylhypoxanthine	Br	O-acyl
CF ₃	OH	F	S	2-N-acetyl-8-methylguanine	Br	O-acyl
CF ₃	OH	F	S	4-N-acetyl-8-methylcytosine	Br	O-acyl
CF ₃	OH	F	S	6-N-acetyl-8-methyladenine	Br	O-acyl
CF ₃	OH	F	S	4-N-acetyl-5-fluoro-8-methylcytosine	Br	O-acyl
CF ₃	OH	F	S	6-N-acetyl-2-fluoro-8-methyladenine	Br	O-acyl
CF ₃	OH	F	S	6-N-acetyl-2-amino-8-methyladenine	Br	O-acyl
CF ₃	OH	F	S	2-N-acetylamino-8-methyladenine	Br	O-acyl
CF ₃	OH	F	S	2-N-acetylamino-8-methylhypoxanthine	Br	O-acyl
CF ₃	OH	F	S	6-Methylthymine	Cl	O-amino acid
CF ₃	OH	F	S	6-Methyluracil	Cl	O-amino acid
CF ₃	OH	F	S	8-Methylguanine	Cl	O-amino acid
CF ₃	OH	F	S	6-Methylcytosine	Cl	O-amino acid
CF ₃	OH	F	S	8-Methyladenine	Cl	O-amino acid
CF ₃	OH	F	S	8-Methylhypoxanthine	Cl	O-amino acid
CF ₃	OH	F	S	5-Fluoro-6-Methyluracil	Cl	O-amino acid
CF ₃	OH	F	S	5-Fluoro-6-Methylcytosine	Cl	O-amino acid
CF ₃	OH	F	S	2-Fluoro-8-methyladenine	Cl	O-amino acid
CF ₃	OH	F	S	2-Fluoro-8-methylhypoxanthine	Cl	O-amino acid
CF ₃	OH	F	S	2-Amino-8-methyladenine	Cl	O-amino acid
CF ₃	OH	F	S	2-Amino-8-methylhypoxanthine	Cl	O-amino acid
CF ₃	OH	F	S	2-N-acetyl-8-methylguanine	Cl	O-amino acid
CF ₃	OH	F	S	4-N-acetyl-8-methylcytosine	Cl	O-amino acid
CF ₃	OH	F	S	6-N-acetyl-8-methyladenine	Cl	O-amino acid
CF ₃	OH	F	S	4-N-acetyl-5-fluoro-8-methylcytosine	Cl	O-amino acid

TABLE 6-continued

R ⁶	R ⁷	R ⁸	X	Base	R ¹⁰	R ⁹
CF ₃	OH	F	S	6-N-acetyl-2-fluoro-8-methyladenine	Cl	O-amino acid
CF ₃	OH	F	S	6-N-acetyl-2-amino-8-methyladenine	Cl	O-amino acid
CF ₃	OH	F	S	2-N-acetyl-amino-8-methyladenine	Cl	O-amino acid
CF ₃	OH	F	S	2-N-acetyl-amino-8-methylhypoxanthine	Cl	O-amino acid
CF ₃	OH	F	S	6-Methylthymine	Cl	O-acyl
CF ₃	OH	F	S	6-Methyluracil	Cl	O-acyl
CF ₃	OH	F	S	8-Methylguanine	Cl	O-acyl
CF ₃	OH	F	S	6-Methylcytosine	Cl	O-acyl
CF ₃	OH	F	S	8-Methyladenine	Cl	O-acyl
CF ₃	OH	F	S	8-Methylhypoxanthine	Cl	O-acyl
CF ₃	OH	F	S	5-Fluoro-6-Methyluracil	Cl	O-acyl
CF ₃	OH	F	S	5-Fluoro-6-Methylcytosine	Cl	O-acyl
CF ₃	OH	F	S	2-Fluoro-8-methyladenine	Cl	O-acyl
CF ₃	OH	F	S	2-Fluoro-8-methylhypoxanthine	Cl	O-acyl
CF ₃	OH	F	S	2-Amino-8-methyladenine	Cl	O-acyl
CF ₃	OH	F	S	2-Amino-8-methylhypoxanthine	Cl	O-acyl
CF ₃	OH	F	S	2-N-acetyl-8-methylguanine	Cl	O-acyl
CF ₃	OH	F	S	4-N-acetyl-8-methylcytosine	Cl	O-acyl
CF ₃	OH	F	S	6-N-acetyl-8-methyladenine	Cl	O-acyl
CF ₃	OH	F	S	4-N-acetyl-5-fluoro-8-methylcytosine	Cl	O-acyl
CF ₃	OH	F	S	6-N-acetyl-2-fluoro-8-methyladenine	Cl	O-acyl
CF ₃	OH	F	S	6-N-acetyl-2-amino-8-methyladenine	Cl	O-acyl
CF ₃	OH	F	S	2-N-acetyl-amino-8-methyladenine	Cl	O-acyl
CF ₃	OH	F	S	2-N-acetyl-amino-8-methylhypoxanthine	Cl	O-acyl
CF ₃	OH	F	S	6-Methylthymine	H	O-amino acid
CF ₃	OH	F	S	6-Methyluracil	H	O-amino acid
CF ₃	OH	F	S	8-Methylguanine	H	O-amino acid
CF ₃	OH	F	S	6-Methylcytosine	H	O-amino acid
CF ₃	OH	F	S	8-Methyladenine	H	O-amino acid
CF ₃	OH	F	S	8-Methylhypoxanthine	H	O-amino acid
CF ₃	OH	F	S	5-Fluoro-6-Methyluracil	H	O-amino acid
CF ₃	OH	F	S	5-Fluoro-6-Methylcytosine	H	O-amino acid
CF ₃	OH	F	S	2-Fluoro-8-methyladenine	H	O-amino acid
CF ₃	OH	F	S	2-Fluoro-8-methylhypoxanthine	H	O-amino acid
CF ₃	OH	F	S	2-Amino-8-methyladenine	H	O-amino acid
CF ₃	OH	F	S	2-Amino-8-methylhypoxanthine	H	O-amino acid
CF ₃	OH	F	S	2-N-acetyl-8-methylguanine	H	O-amino acid
CF ₃	OH	F	S	4-N-acetyl-8-methylcytosine	H	O-amino acid
CF ₃	OH	F	S	6-N-acetyl-8-methyladenine	H	O-amino acid
CF ₃	OH	F	S	4-N-acetyl-5-fluoro-8-methylcytosine	H	O-amino acid
CF ₃	OH	F	S	6-N-acetyl-2-fluoro-8-methyladenine	H	O-amino acid
CF ₃	OH	F	S	6-N-acetyl-2-amino-8-methyladenine	H	O-amino acid
CF ₃	OH	F	S	2-N-acetyl-amino-8-methyladenine	H	O-amino acid
CF ₃	OH	F	S	2-N-acetyl-amino-8-methylhypoxanthine	H	O-amino acid
CF ₃	OH	F	S	6-Methylthymine	H	O-acyl
CF ₃	OH	F	S	6-Methyluracil	H	O-acyl
CF ₃	OH	F	S	8-Methylguanine	H	O-acyl
CF ₃	OH	F	S	6-Methylcytosine	H	O-acyl
CF ₃	OH	F	S	8-Methyladenine	H	O-acyl
CF ₃	OH	F	S	8-Methylhypoxanthine	H	O-acyl
CF ₃	OH	F	S	5-Fluoro-6-Methyluracil	H	O-acyl
CF ₃	OH	F	S	5-Fluoro-6-Methylcytosine	H	O-acyl
CF ₃	OH	F	S	2-Fluoro-8-methyladenine	H	O-acyl
CF ₃	OH	F	S	2-Fluoro-8-methylhypoxanthine	H	O-acyl
CF ₃	OH	F	S	2-Amino-8-methyladenine	H	O-acyl
CF ₃	OH	F	S	2-Amino-8-methylhypoxanthine	H	O-acyl
CF ₃	OH	F	S	2-N-acetyl-8-methylguanine	H	O-acyl
CF ₃	OH	F	S	4-N-acetyl-8-methylcytosine	H	O-acyl
CF ₃	OH	F	S	6-N-acetyl-8-methyladenine	H	O-acyl
CF ₃	OH	F	S	4-N-acetyl-5-fluoro-8-methylcytosine	H	O-acyl
CF ₃	OH	F	S	6-N-acetyl-2-fluoro-8-methyladenine	H	O-acyl
CF ₃	OH	F	S	6-N-acetyl-2-amino-8-methyladenine	H	O-acyl
CF ₃	OH	F	S	2-N-acetyl-amino-8-methyladenine	H	O-acyl
CF ₃	OH	F	S	2-N-acetyl-amino-8-methylhypoxanthine	H	O-acyl
CF ₃	OH	Br	S	6-Methylthymine	F	O-amino acid
CF ₃	OH	Br	S	6-Methyluracil	F	O-amino acid
CF ₃	OH	Br	S	8-Methylguanine	F	O-amino acid
CF ₃	OH	Br	S	6-Methylcytosine	F	O-amino acid
CF ₃	OH	Br	S	8-Methyladenine	F	O-amino acid
CF ₃	OH	Br	S	8-Methylhypoxanthine	F	O-amino acid
CF ₃	OH	Br	S	5-Fluoro-6-Methyluracil	F	O-amino acid
CF ₃	OH	Br	S	5-Fluoro-6-Methylcytosine	F	O-amino acid
CF ₃	OH	Br	S	2-Fluoro-8-methyladenine	F	O-amino acid

TABLE 6-continued

R ⁶	R ⁷	R ⁸	X	Base	R ¹⁰	R ⁹
CF ₃	OH	Br	S	2-Fluoro-8-methylhypoxanthine	F	O-amino acid
CF ₃	OH	Br	S	2-Amino-8-methyladenine	F	O-amino acid
CF ₃	OH	Br	S	2-Amino-8-methylhypoxanthine	F	O-amino acid
CF ₃	OH	Br	S	2-N-acetyl-8-methylguanine	F	O-amino acid
CF ₃	OH	Br	S	4-N-acetyl-8-methylcytosine	F	O-amino acid
CF ₃	OH	Br	S	6-N-acetyl-8-methyladenine	F	O-amino acid
CF ₃	OH	Br	S	4-N-acetyl-5-fluoro-8-methylcytosine	F	O-amino acid
CF ₃	OH	Br	S	6-N-acetyl-2-fluoro-8-methyladenine	F	O-amino acid
CF ₃	OH	Br	S	6-N-acetyl-2-amino-8-methyladenine	F	O-amino acid
CF ₃	OH	Br	S	2-N-acetylamino-8-methyladenine	F	O-amino acid
CF ₃	OH	Br	S	2-N-acetylamino-8-methylhypoxanthine	F	O-amino acid
CF ₃	OH	Br	S	6-Methylthymine	F	O-acyl
CF ₃	OH	Br	S	6-Methyluracil	F	O-acyl
CF ₃	OH	Br	S	8-Methylguanine	F	O-acyl
CF ₃	OH	Br	S	6-Methylcytosine	F	O-acyl
CF ₃	OH	Br	S	8-Methyladenine	F	O-acyl
CF ₃	OH	Br	S	8-Methylhypoxanthine	F	O-acyl
CF ₃	OH	Br	S	5-Fluoro-6-Methyluracil	F	O-acyl
CF ₃	OH	Br	S	5-Fluoro-6-Methylcytosine	F	O-acyl
CF ₃	OH	Br	S	2-Fluoro-8-methyladenine	F	O-acyl
CF ₃	OH	Br	S	2-Fluoro-8-methylhypoxanthine	F	O-acyl
CF ₃	OH	Br	S	2-Amino-8-methyladenine	F	O-acyl
CF ₃	OH	Br	S	2-Amino-8-methylhypoxanthine	F	O-acyl
CF ₃	OH	Br	S	2-N-acetyl-8-methylguanine	F	O-acyl
CF ₃	OH	Br	S	4-N-acetyl-8-methylcytosine	F	O-acyl
CF ₃	OH	Br	S	6-N-acetyl-8-methyladenine	F	O-acyl
CF ₃	OH	Br	S	4-N-acetyl-5-fluoro-8-methylcytosine	F	O-acyl
CF ₃	OH	Br	S	6-N-acetyl-2-fluoro-8-methyladenine	F	O-acyl
CF ₃	OH	Br	S	6-N-acetyl-2-amino-8-methyladenine	F	O-acyl
CF ₃	OH	Br	S	2-N-acetylamino-8-methyladenine	F	O-acyl
CF ₃	OH	Br	S	2-N-acetylamino-8-methylhypoxanthine	F	O-acyl
CF ₃	OH	Br	S	6-Methylthymine	Br	O-amino acid
CF ₃	OH	Br	S	6-Methyluracil	Br	O-amino acid
CF ₃	OH	Br	S	8-Methylguanine	Br	O-amino acid
CF ₃	OH	Br	S	6-Methylcytosine	Br	O-amino acid
CF ₃	OH	Br	S	8-Methyladenine	Br	O-amino acid
CF ₃	OH	Br	S	8-Methylhypoxanthine	Br	O-amino acid
CF ₃	OH	Br	S	5-Fluoro-6-Methyluracil	Br	O-amino acid
CF ₃	OH	Br	S	5-Fluoro-6-Methylcytosine	Br	O-amino acid
CF ₃	OH	Br	S	2-Fluoro-8-methyladenine	Br	O-amino acid
CF ₃	OH	Br	S	2-Fluoro-8-methylhypoxanthine	Br	O-amino acid
CF ₃	OH	Br	S	2-Amino-8-methyladenine	Br	O-amino acid
CF ₃	OH	Br	S	2-Amino-8-methylhypoxanthine	Br	O-amino acid
CF ₃	OH	Br	S	2-N-acetyl-8-methylguanine	Br	O-amino acid
CF ₃	OH	Br	S	4-N-acetyl-8-methylcytosine	Br	O-amino acid
CF ₃	OH	Br	S	6-N-acetyl-8-methyladenine	Br	O-amino acid
CF ₃	OH	Br	S	4-N-acetyl-5-fluoro-8-methylcytosine	Br	O-amino acid
CF ₃	OH	Br	S	6-N-acetyl-2-fluoro-8-methyladenine	Br	O-amino acid
CF ₃	OH	Br	S	6-N-acetyl-2-amino-8-methyladenine	Br	O-amino acid
CF ₃	OH	Br	S	2-N-acetylamino-8-methyladenine	Br	O-amino acid
CF ₃	OH	Br	S	2-N-acetylamino-8-methylhypoxanthine	Br	O-amino acid
CF ₃	OH	Br	S	6-Methylthymine	Br	O-acyl
CF ₃	OH	Br	S	6-Methyluracil	Br	O-acyl
CF ₃	OH	Br	S	8-Methylguanine	Br	O-acyl
CF ₃	OH	Br	S	6-Methylcytosine	Br	O-acyl
CF ₃	OH	Br	S	8-Methyladenine	Br	O-acyl
CF ₃	OH	Br	S	8-Methylhypoxanthine	Br	O-acyl
CF ₃	OH	Br	S	5-Fluoro-6-Methyluracil	Br	O-acyl
CF ₃	OH	Br	S	5-Fluoro-6-Methylcytosine	Br	O-acyl
CF ₃	OH	Br	S	2-Fluoro-8-methyladenine	Br	O-acyl
CF ₃	OH	Br	S	2-Fluoro-8-methylhypoxanthine	Br	O-acyl
CF ₃	OH	Br	S	2-Amino-8-methyladenine	Br	O-acyl
CF ₃	OH	Br	S	2-Amino-8-methylhypoxanthine	Br	O-acyl
CF ₃	OH	Br	S	2-N-acetyl-8-methylguanine	Br	O-acyl
CF ₃	OH	Br	S	4-N-acetyl-8-methylcytosine	Br	O-acyl
CF ₃	OH	Br	S	6-N-acetyl-8-methyladenine	Br	O-acyl
CF ₃	OH	Br	S	4-N-acetyl-5-fluoro-8-methylcytosine	Br	O-acyl
CF ₃	OH	Br	S	6-N-acetyl-2-fluoro-8-methyladenine	Br	O-acyl
CF ₃	OH	Br	S	6-N-acetyl-2-amino-8-methyladenine	Br	O-acyl
CF ₃	OH	Br	S	2-N-acetylamino-8-methyladenine	Br	O-acyl
CF ₃	OH	Br	S	2-N-acetylamino-8-methylhypoxanthine	Br	O-acyl
CF ₃	OH	Br	S	6-Methylthymine	Cl	O-amino acid
CF ₃	OH	Br	S	6-Methyluracil	Cl	O-amino acid

TABLE 6-continued

R ⁶	R ⁷	R ⁸	X	Base	R ¹⁰	R ⁹
CF ₃	OH	Br	S	8-Methylguanine	Cl	O-amino acid
CF ₃	OH	Br	S	6-Methylcytosine	Cl	O-amino acid
CF ₃	OH	Br	S	8-Methyladenine	Cl	O-amino acid
CF ₃	OH	Br	S	8-Methylhypoxanthine	Cl	O-amino acid
CF ₃	OH	Br	S	5-Fluoro-6-Methyluracil	Cl	O-amino acid
CF ₃	OH	Br	S	5-Fluoro-6-Methylcytosine	Cl	O-amino acid
CF ₃	OH	Br	S	2-Fluoro-8-methyladenine	Cl	O-amino acid
CF ₃	OH	Br	S	2-Fluoro-8-methylhypoxanthine	Cl	O-amino acid
CF ₃	OH	Br	S	2-Amino-8-methyladenine	Cl	O-amino acid
CF ₃	OH	Br	S	2-Amino-8-methylhypoxanthine	Cl	O-amino acid
CF ₃	OH	Br	S	2-N-acetyl-8-methylguanine	Cl	O-amino acid
CF ₃	OH	Br	S	4-N-acetyl-8-methylcytosine	Cl	O-amino acid
CF ₃	OH	Br	S	6-N-acetyl-8-methyladenine	Cl	O-amino acid
CF ₃	OH	Br	S	4-N-acetyl-5-fluoro-8-methylcytosine	Cl	O-amino acid
CF ₃	OH	Br	S	6-N-acetyl-2-fluoro-8-methyladenine	Cl	O-amino acid
CF ₃	OH	Br	S	6-N-acetyl-2-amino-8-methyladenine	Cl	O-amino acid
CF ₃	OH	Br	S	2-N-acetylamino-8-methyladenine	Cl	O-amino acid
CF ₃	OH	Br	S	2-N-acetylamino-8-methylhypoxanthine	Cl	O-amino acid
CF ₃	OH	Br	S	6-Methylthymine	Cl	O-acyl
CF ₃	OH	Br	S	6-Methyluracil	Cl	O-acyl
CF ₃	OH	Br	S	8-Methylguanine	Cl	O-acyl
CF ₃	OH	Br	S	6-Methylcytosine	Cl	O-acyl
CF ₃	OH	Br	S	8-Methyladenine	Cl	O-acyl
CF ₃	OH	Br	S	8-Methylhypoxanthine	Cl	O-acyl
CF ₃	OH	Br	S	5-Fluoro-6-Methyluracil	Cl	O-acyl
CF ₃	OH	Br	S	5-Fluoro-6-Methylcytosine	Cl	O-acyl
CF ₃	OH	Br	S	2-Fluoro-8-methyladenine	Cl	O-acyl
CF ₃	OH	Br	S	2-Fluoro-8-methylhypoxanthine	Cl	O-acyl
CF ₃	OH	Br	S	2-Amino-8-methyladenine	Cl	O-acyl
CF ₃	OH	Br	S	2-Amino-8-methylhypoxanthine	Cl	O-acyl
CF ₃	OH	Br	S	2-N-acetyl-8-methylguanine	Cl	O-acyl
CF ₃	OH	Br	S	4-N-acetyl-8-methylcytosine	Cl	O-acyl
CF ₃	OH	Br	S	6-N-acetyl-8-methyladenine	Cl	O-acyl
CF ₃	OH	Br	S	4-N-acetyl-5-fluoro-8-methylcytosine	Cl	O-acyl
CF ₃	OH	Br	S	6-N-acetyl-2-fluoro-8-methyladenine	Cl	O-acyl
CF ₃	OH	Br	S	6-N-acetyl-2-amino-8-methyladenine	Cl	O-acyl
CF ₃	OH	Br	S	2-N-acetylamino-8-methyladenine	Cl	O-acyl
CF ₃	OH	Br	S	2-N-acetylamino-8-methylhypoxanthine	Cl	O-acyl
CF ₃	OH	Br	S	6-Methylthymine	H	O-amino acid
CF ₃	OH	Br	S	6-Methyluracil	H	O-amino acid
CF ₃	OH	Br	S	8-Methylguanine	H	O-amino acid
CF ₃	OH	Br	S	6-Methylcytosine	H	O-amino acid
CF ₃	OH	Br	S	8-Methyladenine	H	O-amino acid
CF ₃	OH	Br	S	8-Methylhypoxanthine	H	O-amino acid
CF ₃	OH	Br	S	5-Fluoro-6-Methyluracil	H	O-amino acid
CF ₃	OH	Br	S	5-Fluoro-6-Methylcytosine	H	O-amino acid
CF ₃	OH	Br	S	2-Fluoro-8-methyladenine	H	O-amino acid
CF ₃	OH	Br	S	2-Fluoro-8-methylhypoxanthine	H	O-amino acid
CF ₃	OH	Br	S	2-Amino-8-methyladenine	H	O-amino acid
CF ₃	OH	Br	S	2-Amino-8-methylhypoxanthine	H	O-amino acid
CF ₃	OH	Br	S	2-N-acetyl-8-methylguanine	H	O-amino acid
CF ₃	OH	Br	S	4-N-acetyl-8-methylcytosine	H	O-amino acid
CF ₃	OH	Br	S	6-N-acetyl-8-methyladenine	H	O-amino acid
CF ₃	OH	Br	S	4-N-acetyl-5-fluoro-8-methylcytosine	H	O-amino acid
CF ₃	OH	Br	S	6-N-acetyl-2-fluoro-8-methyladenine	H	O-amino acid
CF ₃	OH	Br	S	6-N-acetyl-2-amino-8-methyladenine	H	O-amino acid
CF ₃	OH	Br	S	2-N-acetylamino-8-methyladenine	H	O-amino acid
CF ₃	OH	Br	S	2-N-acetylamino-8-methylhypoxanthine	H	O-amino acid
CF ₃	OH	Br	S	6-Methylthymine	H	O-acyl
CF ₃	OH	Br	S	6-Methyluracil	H	O-acyl
CF ₃	OH	Br	S	8-Methylguanine	H	O-acyl
CF ₃	OH	Br	S	6-Methylcytosine	H	O-acyl
CF ₃	OH	Br	S	8-Methyladenine	H	O-acyl
CF ₃	OH	Br	S	8-Methylhypoxanthine	H	O-acyl
CF ₃	OH	Br	S	5-Fluoro-6-Methyluracil	H	O-acyl
CF ₃	OH	Br	S	5-Fluoro-6-Methylcytosine	H	O-acyl
CF ₃	OH	Br	S	2-Fluoro-8-methyladenine	H	O-acyl
CF ₃	OH	Br	S	2-Fluoro-8-methylhypoxanthine	H	O-acyl
CF ₃	OH	Br	S	2-Amino-8-methyladenine	H	O-acyl
CF ₃	OH	Br	S	2-Amino-8-methylhypoxanthine	H	O-acyl
CF ₃	OH	Br	S	2-N-acetyl-8-methylguanine	H	O-acyl
CF ₃	OH	Br	S	4-N-acetyl-8-methylcytosine	H	O-acyl
CF ₃	OH	Br	S	6-N-acetyl-8-methyladenine	H	O-acyl
CF ₃	OH	Br	S	4-N-acetyl-5-fluoro-8-methylcytosine	H	O-acyl

TABLE 6-continued

R ⁶	R ⁷	R ⁸	X	Base	R ¹⁰	R ⁹
CF ₃	OH	Br	S	6-N-acetyl-2-fluoro-8-methyladenine	H	O-acyl
CF ₃	OH	Br	S	6-N-acetyl-2-amino-8-methyladenine	H	O-acyl
CF ₃	OH	Br	S	2-N-acetyl-amino-8-methyladenine	H	O-acyl
CF ₃	OH	Br	S	2-N-acetyl-amino-8-methylhypoxanthine	H	O-acyl
CF ₃	OH	Cl	S	6-Methylthymine	F	O-amino acid
CF ₃	OH	Cl	S	6-Methyluracil	F	O-amino acid
CF ₃	OH	Cl	S	8-Methylguanine	F	O-amino acid
CF ₃	OH	Cl	S	6-Methylcytosine	F	O-amino acid
CF ₃	OH	Cl	S	8-Methyladenine	F	O-amino acid
CF ₃	OH	Cl	S	8-Methylhypoxanthine	F	O-amino acid
CF ₃	OH	Cl	S	5-Fluoro-6-Methyluracil	F	O-amino acid
CF ₃	OH	Cl	S	5-Fluoro-6-Methylcytosine	F	O-amino acid
CF ₃	OH	Cl	S	2-Fluoro-8-methyladenine	F	O-amino acid
CF ₃	OH	Cl	S	2-Fluoro-8-methylhypoxanthine	F	O-amino acid
CF ₃	OH	Cl	S	2-Amino-8-methyladenine	F	O-amino acid
CF ₃	OH	Cl	S	2-Amino-8-methylhypoxanthine	F	O-amino acid
CF ₃	OH	Cl	S	2-N-acetyl-8-methylguanine	F	O-amino acid
CF ₃	OH	Cl	S	4-N-acetyl-8-methylcytosine	F	O-amino acid
CF ₃	OH	Cl	S	6-N-acetyl-8-methyladenine	F	O-amino acid
CF ₃	OH	Cl	S	4-N-acetyl-5-fluoro-8-methylcytosine	F	O-amino acid
CF ₃	OH	Cl	S	6-N-acetyl-2-fluoro-8-methyladenine	F	O-amino acid
CF ₃	OH	Cl	S	6-N-acetyl-2-amino-8-methyladenine	F	O-amino acid
CF ₃	OH	Cl	S	2-N-acetyl-amino-8-methyladenine	F	O-amino acid
CF ₃	OH	Cl	S	2-N-acetyl-amino-8-methylhypoxanthine	F	O-amino acid
CF ₃	OH	Cl	S	6-Methylthymine	F	O-acyl
CF ₃	OH	Cl	S	6-Methyluracil	F	O-acyl
CF ₃	OH	Cl	S	8-Methylguanine	F	O-acyl
CF ₃	OH	Cl	S	6-Methylcytosine	F	O-acyl
CF ₃	OH	Cl	S	8-Methyladenine	F	O-acyl
CF ₃	OH	Cl	S	8-Methylhypoxanthine	F	O-acyl
CF ₃	OH	Cl	S	5-Fluoro-6-Methyluracil	F	O-acyl
CF ₃	OH	Cl	S	5-Fluoro-6-Methylcytosine	F	O-acyl
CF ₃	OH	Cl	S	2-Fluoro-8-methyladenine	F	O-acyl
CF ₃	OH	Cl	S	2-Fluoro-8-methylhypoxanthine	F	O-acyl
CF ₃	OH	Cl	S	2-Amino-8-methyladenine	F	O-acyl
CF ₃	OH	Cl	S	2-Amino-8-methylhypoxanthine	F	O-acyl
CF ₃	OH	Cl	S	2-N-acetyl-8-methylguanine	F	O-acyl
CF ₃	OH	Cl	S	4-N-acetyl-8-methylcytosine	F	O-acyl
CF ₃	OH	Cl	S	6-N-acetyl-8-methyladenine	F	O-acyl
CF ₃	OH	Cl	S	4-N-acetyl-5-fluoro-8-methylcytosine	F	O-acyl
CF ₃	OH	Cl	S	6-N-acetyl-2-fluoro-8-methyladenine	F	O-acyl
CF ₃	OH	Cl	S	6-N-acetyl-2-amino-8-methyladenine	F	O-acyl
CF ₃	OH	Cl	S	2-N-acetyl-amino-8-methyladenine	F	O-acyl
CF ₃	OH	Cl	S	2-N-acetyl-amino-8-methylhypoxanthine	F	O-acyl
CF ₃	OH	Cl	S	6-Methylthymine	Br	O-amino acid
CF ₃	OH	Cl	S	6-Methyluracil	Br	O-amino acid
CF ₃	OH	Cl	S	8-Methylguanine	Br	O-amino acid
CF ₃	OH	Cl	S	6-Methylcytosine	Br	O-amino acid
CF ₃	OH	Cl	S	8-Methyladenine	Br	O-amino acid
CF ₃	OH	Cl	S	8-Methylhypoxanthine	Br	O-amino acid
CF ₃	OH	Cl	S	5-Fluoro-6-Methyluracil	Br	O-amino acid
CF ₃	OH	Cl	S	5-Fluoro-6-Methylcytosine	Br	O-amino acid
CF ₃	OH	Cl	S	2-Fluoro-8-methyladenine	Br	O-amino acid
CF ₃	OH	Cl	S	2-Fluoro-8-methylhypoxanthine	Br	O-amino acid
CF ₃	OH	Cl	S	2-Amino-8-methyladenine	Br	O-amino acid
CF ₃	OH	Cl	S	2-Amino-8-methylhypoxanthine	Br	O-amino acid
CF ₃	OH	Cl	S	2-N-acetyl-8-methylguanine	Br	O-amino acid
CF ₃	OH	Cl	S	4-N-acetyl-8-methylcytosine	Br	O-amino acid
CF ₃	OH	Cl	S	6-N-acetyl-8-methyladenine	Br	O-amino acid
CF ₃	OH	Cl	S	4-N-acetyl-5-fluoro-8-methylcytosine	Br	O-amino acid
CF ₃	OH	Cl	S	6-N-acetyl-2-fluoro-8-methyladenine	Br	O-amino acid
CF ₃	OH	Cl	S	6-N-acetyl-2-amino-8-methyladenine	Br	O-amino acid
CF ₃	OH	Cl	S	2-N-acetyl-amino-8-methyladenine	Br	O-amino acid
CF ₃	OH	Cl	S	2-N-acetyl-amino-8-methylhypoxanthine	Br	O-amino acid
CF ₃	OH	Cl	S	6-Methylthymine	Br	O-acyl
CF ₃	OH	Cl	S	6-Methyluracil	Br	O-acyl
CF ₃	OH	Cl	S	8-Methylguanine	Br	O-acyl
CF ₃	OH	Cl	S	6-Methylcytosine	Br	O-acyl
CF ₃	OH	Cl	S	8-Methyladenine	Br	O-acyl
CF ₃	OH	Cl	S	8-Methylhypoxanthine	Br	O-acyl
CF ₃	OH	Cl	S	5-Fluoro-6-Methyluracil	Br	O-acyl
CF ₃	OH	Cl	S	5-Fluoro-6-Methylcytosine	Br	O-acyl
CF ₃	OH	Cl	S	2-Fluoro-8-methyladenine	Br	O-acyl

TABLE 6-continued

R ⁶	R ⁷	R ⁸	X	Base	R ¹⁰	R ⁹
CF ₃	OH	Cl	S	2-Fluoro-8-methylhypoxanthine	Br	O-acyl
CF ₃	OH	Cl	S	2-Amino-8-methyladenine	Br	O-acyl
CF ₃	OH	Cl	S	2-Amino-8-methylhypoxanthine	Br	O-acyl
CF ₃	OH	Cl	S	2-N-acetyl-8-methylguanine	Br	O-acyl
CF ₃	OH	Cl	S	4-N-acetyl-8-methylcytosine	Br	O-acyl
CF ₃	OH	Cl	S	6-N-acetyl-8-methyladenine	Br	O-acyl
CF ₃	OH	Cl	S	4-N-acetyl-5-fluoro-8-methylcytosine	Br	O-acyl
CF ₃	OH	Cl	S	6-N-acetyl-2-fluoro-8-methyladenine	Br	O-acyl
CF ₃	OH	Cl	S	6-N-acetyl-2-amino-8-methyladenine	Br	O-acyl
CF ₃	OH	Cl	S	2-N-acetylamino-8-methyladenine	Br	O-acyl
CF ₃	OH	Cl	S	2-N-acetylamino-8-methylhypoxanthine	Br	O-acyl
CF ₃	OH	Cl	S	6-Methylthymine	Cl	O-amino acid
CF ₃	OH	Cl	S	6-Methyluracil	Cl	O-amino acid
CF ₃	OH	Cl	S	8-Methylguanine	Cl	O-amino acid
CF ₃	OH	Cl	S	6-Methylcytosine	Cl	O-amino acid
CF ₃	OH	Cl	S	8-Methyladenine	Cl	O-amino acid
CF ₃	OH	Cl	S	8-Methylhypoxanthine	Cl	O-amino acid
CF ₃	OH	Cl	S	5-Fluoro-6-Methyluracil	Cl	O-amino acid
CF ₃	OH	Cl	S	5-Fluoro-6-Methylcytosine	Cl	O-amino acid
CF ₃	OH	Cl	S	2-Fluoro-8-methyladenine	Cl	O-amino acid
CF ₃	OH	Cl	S	2-Fluoro-8-methylhypoxanthine	Cl	O-amino acid
CF ₃	OH	Cl	S	2-Amino-8-methyladenine	Cl	O-amino acid
CF ₃	OH	Cl	S	2-Amino-8-methylhypoxanthine	Cl	O-amino acid
CF ₃	OH	Cl	S	2-N-acetyl-8-methylguanine	Cl	O-amino acid
CF ₃	OH	Cl	S	4-N-acetyl-8-methylcytosine	Cl	O-amino acid
CF ₃	OH	Cl	S	6-N-acetyl-8-methyladenine	Cl	O-amino acid
CF ₃	OH	Cl	S	4-N-acetyl-5-fluoro-8-methylcytosine	Cl	O-amino acid
CF ₃	OH	Cl	S	6-N-acetyl-2-fluoro-8-methyladenine	Cl	O-amino acid
CF ₃	OH	Cl	S	6-N-acetyl-2-amino-8-methyladenine	Cl	O-amino acid
CF ₃	OH	Cl	S	2-N-acetylamino-8-methyladenine	Cl	O-amino acid
CF ₃	OH	Cl	S	2-N-acetylamino-8-methylhypoxanthine	Cl	O-amino acid
CF ₃	OH	Cl	S	6-Methylthymine	Cl	O-acyl
CF ₃	OH	Cl	S	6-Methyluracil	Cl	O-acyl
CF ₃	OH	Cl	S	8-Methylguanine	Cl	O-acyl
CF ₃	OH	Cl	S	6-Methylcytosine	Cl	O-acyl
CF ₃	OH	Cl	S	8-Methyladenine	Cl	O-acyl
CF ₃	OH	Cl	S	8-Methylhypoxanthine	Cl	O-acyl
CF ₃	OH	Cl	S	5-Fluoro-6-Methyluracil	Cl	O-acyl
CF ₃	OH	Cl	S	5-Fluoro-6-Methylcytosine	Cl	O-acyl
CF ₃	OH	Cl	S	2-Fluoro-8-methyladenine	Cl	O-acyl
CF ₃	OH	Cl	S	2-Fluoro-8-methylhypoxanthine	Cl	O-acyl
CF ₃	OH	Cl	S	2-Amino-8-methyladenine	Cl	O-acyl
CF ₃	OH	Cl	S	2-Amino-8-methylhypoxanthine	Cl	O-acyl
CF ₃	OH	Cl	S	2-N-acetyl-8-methylguanine	Cl	O-acyl
CF ₃	OH	Cl	S	4-N-acetyl-8-methylcytosine	Cl	O-acyl
CF ₃	OH	Cl	S	6-N-acetyl-8-methyladenine	Cl	O-acyl
CF ₃	OH	Cl	S	4-N-acetyl-5-fluoro-8-methylcytosine	Cl	O-acyl
CF ₃	OH	Cl	S	6-N-acetyl-2-fluoro-8-methyladenine	Cl	O-acyl
CF ₃	OH	Cl	S	6-N-acetyl-2-amino-8-methyladenine	Cl	O-acyl
CF ₃	OH	Cl	S	2-N-acetylamino-8-methyladenine	Cl	O-acyl
CF ₃	OH	Cl	S	2-N-acetylamino-8-methylhypoxanthine	Cl	O-acyl
CF ₃	OH	Cl	S	6-Methylthymine	H	O-amino acid
CF ₃	OH	Cl	S	6-Methyluracil	H	O-amino acid
CF ₃	OH	Cl	S	8-Methylguanine	H	O-amino acid
CF ₃	OH	Cl	S	6-Methylcytosine	H	O-amino acid
CF ₃	OH	Cl	S	8-Methyladenine	H	O-amino acid
CF ₃	OH	Cl	S	8-Methylhypoxanthine	H	O-amino acid
CF ₃	OH	Cl	S	5-Fluoro-6-Methyluracil	H	O-amino acid
CF ₃	OH	Cl	S	5-Fluoro-6-Methylcytosine	H	O-amino acid
CF ₃	OH	Cl	S	2-Fluoro-8-methyladenine	H	O-amino acid
CF ₃	OH	Cl	S	2-Fluoro-8-methylhypoxanthine	H	O-amino acid
CF ₃	OH	Cl	S	2-Amino-8-methyladenine	H	O-amino acid
CF ₃	OH	Cl	S	2-Amino-8-methylhypoxanthine	H	O-amino acid
CF ₃	OH	Cl	S	2-N-acetyl-8-methylguanine	H	O-amino acid
CF ₃	OH	Cl	S	4-N-acetyl-8-methylcytosine	H	O-amino acid
CF ₃	OH	Cl	S	6-N-acetyl-8-methyladenine	H	O-amino acid
CF ₃	OH	Cl	S	4-N-acetyl-5-fluoro-8-methylcytosine	H	O-amino acid
CF ₃	OH	Cl	S	6-N-acetyl-2-fluoro-8-methyladenine	H	O-amino acid
CF ₃	OH	Cl	S	6-N-acetyl-2-amino-8-methyladenine	H	O-amino acid
CF ₃	OH	Cl	S	2-N-acetylamino-8-methyladenine	H	O-amino acid
CF ₃	OH	Cl	S	2-N-acetylamino-8-methylhypoxanthine	H	O-amino acid
CF ₃	OH	Cl	S	6-Methylthymine	H	O-acyl
CF ₃	OH	Cl	S	6-Methyluracil	H	O-acyl

TABLE 6-continued

R ⁶	R ⁷	R ⁸	X	Base	R ¹⁰	R ⁹
CF ₃	OH	Cl	S	8-Methylguanine	H	O-acyl
CF ₃	OH	Cl	S	6-Methylcytosine	H	O-acyl
CF ₃	OH	Cl	S	8-Methyladenine	H	O-acyl
CF ₃	OH	Cl	S	8-Methylhypoxanthine	H	O-acyl
CF ₃	OH	Cl	S	5-Fluoro-6-Methyluracil	H	O-acyl
CF ₃	OH	Cl	S	5-Fluoro-6-Methylcytosine	H	O-acyl
CF ₃	OH	Cl	S	2-Fluoro-8-methyladenine	H	O-acyl
CF ₃	OH	Cl	S	2-Fluoro-8-methylhypoxanthine	H	O-acyl
CF ₃	OH	Cl	S	2-Amino-8-methyladenine	H	O-acyl
CF ₃	OH	Cl	S	2-Amino-8-methylhypoxanthine	H	O-acyl
CF ₃	OH	Cl	S	2-N-acetyl-8-methylguanine	H	O-acyl
CF ₃	OH	Cl	S	4-N-acetyl-8-methylcytosine	H	O-acyl
CF ₃	OH	Cl	S	6-N-acetyl-8-methyladenine	H	O-acyl
CF ₃	OH	Cl	S	4-N-acetyl-5-fluoro-8-methylcytosine	H	O-acyl
CF ₃	OH	Cl	S	6-N-acetyl-2-fluoro-8-methyladenine	H	O-acyl
CF ₃	OH	Cl	S	6-N-acetyl-2-amino-8-methyladenine	H	O-acyl
CF ₃	OH	Cl	S	2-N-acetylamino-8-methyladenine	H	O-acyl
CF ₃	OH	Cl	S	2-N-acetylamino-8-methylhypoxanthine	H	O-acyl
CF ₃	OH	H	S	6-Methylthymine	F	O-amino acid
CF ₃	OH	H	S	6-Methyluracil	F	O-amino acid
CF ₃	OH	H	S	8-Methylguanine	F	O-amino acid
CF ₃	OH	H	S	6-Methylcytosine	F	O-amino acid
CF ₃	OH	H	S	8-Methyladenine	F	O-amino acid
CF ₃	OH	H	S	8-Methylhypoxanthine	F	O-amino acid
CF ₃	OH	H	S	5-Fluoro-6-Methyluracil	F	O-amino acid
CF ₃	OH	H	S	5-Fluoro-6-Methylcytosine	F	O-amino acid
CF ₃	OH	H	S	2-Fluoro-8-methyladenine	F	O-amino acid
CF ₃	OH	H	S	2-Fluoro-8-methylhypoxanthine	F	O-amino acid
CF ₃	OH	H	S	2-Amino-8-methyladenine	F	O-amino acid
CF ₃	OH	H	S	2-Amino-8-methylhypoxanthine	F	O-amino acid
CF ₃	OH	H	S	2-N-acetyl-8-methylguanine	F	O-amino acid
CF ₃	OH	H	S	4-N-acetyl-8-methylcytosine	F	O-amino acid
CF ₃	OH	H	S	6-N-acetyl-8-methyladenine	F	O-amino acid
CF ₃	OH	H	S	4-N-acetyl-5-fluoro-8-methylcytosine	F	O-amino acid
CF ₃	OH	H	S	6-N-acetyl-2-fluoro-8-methyladenine	F	O-amino acid
CF ₃	OH	H	S	6-N-acetyl-2-amino-8-methyladenine	F	O-amino acid
CF ₃	OH	H	S	2-N-acetylamino-8-methyladenine	F	O-amino acid
CF ₃	OH	H	S	2-N-acetylamino-8-methylhypoxanthine	F	O-amino acid
CF ₃	OH	H	S	6-Methylthymine	F	O-acyl
CF ₃	OH	H	S	6-Methyluracil	F	O-acyl
CF ₃	OH	H	S	8-Methylguanine	F	O-acyl
CF ₃	OH	H	S	6-Methylcytosine	F	O-acyl
CF ₃	OH	H	S	8-Methyladenine	F	O-acyl
CF ₃	OH	H	S	8-Methylhypoxanthine	F	O-acyl
CF ₃	OH	H	S	5-Fluoro-6-Methyluracil	F	O-acyl
CF ₃	OH	H	S	5-Fluoro-6-Methylcytosine	F	O-acyl
CF ₃	OH	H	S	2-Fluoro-8-methyladenine	F	O-acyl
CF ₃	OH	H	S	2-Fluoro-8-methylhypoxanthine	F	O-acyl
CF ₃	OH	H	S	2-Amino-8-methyladenine	F	O-acyl
CF ₃	OH	H	S	2-Amino-8-methylhypoxanthine	F	O-acyl
CF ₃	OH	H	S	2-N-acetyl-8-methylguanine	F	O-acyl
CF ₃	OH	H	S	4-N-acetyl-8-methylcytosine	F	O-acyl
CF ₃	OH	H	S	6-N-acetyl-8-methyladenine	F	O-acyl
CF ₃	OH	H	S	4-N-acetyl-5-fluoro-8-methylcytosine	F	O-acyl
CF ₃	OH	H	S	6-N-acetyl-2-fluoro-8-methyladenine	F	O-acyl
CF ₃	OH	H	S	6-N-acetyl-2-amino-8-methyladenine	F	O-acyl
CF ₃	OH	H	S	2-N-acetylamino-8-methyladenine	F	O-acyl
CF ₃	OH	H	S	2-N-acetylamino-8-methylhypoxanthine	F	O-acyl
CF ₃	OH	H	S	6-Methylthymine	Br	O-amino acid
CF ₃	OH	H	S	6-Methyluracil	Br	O-amino acid
CF ₃	OH	H	S	8-Methylguanine	Br	O-amino acid
CF ₃	OH	H	S	6-Methylcytosine	Br	O-amino acid
CF ₃	OH	H	S	8-Methyladenine	Br	O-amino acid
CF ₃	OH	H	S	8-Methylhypoxanthine	Br	O-amino acid
CF ₃	OH	H	S	5-Fluoro-6-Methyluracil	Br	O-amino acid
CF ₃	OH	H	S	5-Fluoro-6-Methylcytosine	Br	O-amino acid
CF ₃	OH	H	S	2-Fluoro-8-methyladenine	Br	O-amino acid
CF ₃	OH	H	S	2-Fluoro-8-methylhypoxanthine	Br	O-amino acid
CF ₃	OH	H	S	2-Amino-8-methyladenine	Br	O-amino acid
CF ₃	OH	H	S	2-Amino-8-methylhypoxanthine	Br	O-amino acid
CF ₃	OH	H	S	2-N-acetyl-8-methylguanine	Br	O-amino acid
CF ₃	OH	H	S	4-N-acetyl-8-methylcytosine	Br	O-amino acid
CF ₃	OH	H	S	6-N-acetyl-8-methyladenine	Br	O-amino acid
CF ₃	OH	H	S	4-N-acetyl-5-fluoro-8-methylcytosine	Br	O-amino acid

TABLE 6-continued

R ⁶	R ⁷	R ⁸	X	Base	R ¹⁰	R ⁹
CF ₃	OH	H	S	6-N-acetyl-2-fluoro-8-methyladenine	Br	O-amino acid
CF ₃	OH	H	S	6-N-acetyl-2-amino-8-methyladenine	Br	O-amino acid
CF ₃	OH	H	S	2-N-acetyl-8-methyladenine	Br	O-amino acid
CF ₃	OH	H	S	2-N-acetyl-8-methyladenine	Br	O-amino acid
CF ₃	OH	H	S	6-Methylthymine	Br	O-acyl
CF ₃	OH	H	S	6-Methyluracil	Br	O-acyl
CF ₃	OH	H	S	8-Methylguanine	Br	O-acyl
CF ₃	OH	H	S	6-Methylcytosine	Br	O-acyl
CF ₃	OH	H	S	8-Methyladenine	Br	O-acyl
CF ₃	OH	H	S	8-Methylhypoxanthine	Br	O-acyl
CF ₃	OH	H	S	5-Fluoro-6-Methyluracil	Br	O-acyl
CF ₃	OH	H	S	5-Fluoro-6-Methylcytosine	Br	O-acyl
CF ₃	OH	H	S	2-Fluoro-8-methyladenine	Br	O-acyl
CF ₃	OH	H	S	2-Fluoro-8-methylhypoxanthine	Br	O-acyl
CF ₃	OH	H	S	2-Amino-8-methyladenine	Br	O-acyl
CF ₃	OH	H	S	2-Amino-8-methylhypoxanthine	Br	O-acyl
CF ₃	OH	H	S	2-N-acetyl-8-methylguanine	Br	O-acyl
CF ₃	OH	H	S	4-N-acetyl-8-methylcytosine	Br	O-acyl
CF ₃	OH	H	S	6-N-acetyl-8-methyladenine	Br	O-acyl
CF ₃	OH	H	S	4-N-acetyl-5-fluoro-8-methylcytosine	Br	O-acyl
CF ₃	OH	H	S	6-N-acetyl-2-fluoro-8-methyladenine	Br	O-acyl
CF ₃	OH	H	S	6-N-acetyl-2-amino-8-methyladenine	Br	O-acyl
CF ₃	OH	H	S	2-N-acetyl-8-methyladenine	Br	O-acyl
CF ₃	OH	H	S	2-N-acetyl-8-methyladenine	Br	O-acyl
CF ₃	OH	H	S	6-Methylthymine	Cl	O-amino acid
CF ₃	OH	H	S	6-Methyluracil	Cl	O-amino acid
CF ₃	OH	H	S	8-Methylguanine	Cl	O-amino acid
CF ₃	OH	H	S	6-Methylcytosine	Cl	O-amino acid
CF ₃	OH	H	S	8-Methyladenine	Cl	O-amino acid
CF ₃	OH	H	S	8-Methylhypoxanthine	Cl	O-amino acid
CF ₃	OH	H	S	5-Fluoro-6-Methyluracil	Cl	O-amino acid
CF ₃	OH	H	S	5-Fluoro-6-Methylcytosine	Cl	O-amino acid
CF ₃	OH	H	S	2-Fluoro-8-methyladenine	Cl	O-amino acid
CF ₃	OH	H	S	2-Fluoro-8-methylhypoxanthine	Cl	O-amino acid
CF ₃	OH	H	S	2-Amino-8-methyladenine	Cl	O-amino acid
CF ₃	OH	H	S	2-Amino-8-methylhypoxanthine	Cl	O-amino acid
CF ₃	OH	H	S	2-N-acetyl-8-methylguanine	Cl	O-amino acid
CF ₃	OH	H	S	4-N-acetyl-8-methylcytosine	Cl	O-amino acid
CF ₃	OH	H	S	6-N-acetyl-8-methyladenine	Cl	O-amino acid
CF ₃	OH	H	S	4-N-acetyl-5-fluoro-8-methylcytosine	Cl	O-amino acid
CF ₃	OH	H	S	6-N-acetyl-2-fluoro-8-methyladenine	Cl	O-amino acid
CF ₃	OH	H	S	6-N-acetyl-2-amino-8-methyladenine	Cl	O-amino acid
CF ₃	OH	H	S	2-N-acetyl-8-methyladenine	Cl	O-amino acid
CF ₃	OH	H	S	2-N-acetyl-8-methyladenine	Cl	O-amino acid
CF ₃	OH	H	S	6-Methylthymine	Cl	O-acyl
CF ₃	OH	H	S	6-Methyluracil	Cl	O-acyl
CF ₃	OH	H	S	8-Methylguanine	Cl	O-acyl
CF ₃	OH	H	S	6-Methylcytosine	Cl	O-acyl
CF ₃	OH	H	S	8-Methyladenine	Cl	O-acyl
CF ₃	OH	H	S	8-Methylhypoxanthine	Cl	O-acyl
CF ₃	OH	H	S	5-Fluoro-6-Methyluracil	Cl	O-acyl
CF ₃	OH	H	S	5-Fluoro-6-Methylcytosine	Cl	O-acyl
CF ₃	OH	H	S	2-Fluoro-8-methyladenine	Cl	O-acyl
CF ₃	OH	H	S	2-Fluoro-8-methylhypoxanthine	Cl	O-acyl
CF ₃	OH	H	S	2-Amino-8-methyladenine	Cl	O-acyl
CF ₃	OH	H	S	2-Amino-8-methylhypoxanthine	Cl	O-acyl
CF ₃	OH	H	S	2-N-acetyl-8-methylguanine	Cl	O-acyl
CF ₃	OH	H	S	4-N-acetyl-8-methylcytosine	Cl	O-acyl
CF ₃	OH	H	S	6-N-acetyl-8-methyladenine	Cl	O-acyl
CF ₃	OH	H	S	4-N-acetyl-5-fluoro-8-methylcytosine	Cl	O-acyl
CF ₃	OH	H	S	6-N-acetyl-2-fluoro-8-methyladenine	Cl	O-acyl
CF ₃	OH	H	S	6-N-acetyl-2-amino-8-methyladenine	Cl	O-acyl
CF ₃	OH	H	S	2-N-acetyl-8-methyladenine	Cl	O-acyl
CF ₃	OH	H	S	2-N-acetyl-8-methyladenine	Cl	O-acyl
CF ₃	OH	H	S	6-Methylthymine	H	O-amino acid
CF ₃	OH	H	S	6-Methyluracil	H	O-amino acid
CF ₃	OH	H	S	8-Methylguanine	H	O-amino acid
CF ₃	OH	H	S	6-Methylcytosine	H	O-amino acid
CF ₃	OH	H	S	8-Methyladenine	H	O-amino acid
CF ₃	OH	H	S	8-Methylhypoxanthine	H	O-amino acid
CF ₃	OH	H	S	5-Fluoro-6-Methyluracil	H	O-amino acid
CF ₃	OH	H	S	5-Fluoro-6-Methylcytosine	H	O-amino acid
CF ₃	OH	H	S	2-Fluoro-8-methyladenine	H	O-amino acid

TABLE 6-continued

R ⁶	R ⁷	R ⁸	X	Base	R ¹⁰	R ⁹
CF ₃	OH	H	S	2-Fluoro-8-methylhypoxanthine	H	O-amino acid
CF ₃	OH	H	S	2-Amino-8-methyladenine	H	O-amino acid
CF ₃	OH	H	S	2-Amino-8-methylhypoxanthine	H	O-amino acid
CF ₃	OH	H	S	2-N-acetyl-8-methylguanine	H	O-amino acid
CF ₃	OH	H	S	4-N-acetyl-8-methylcytosine	H	O-amino acid
CF ₃	OH	H	S	6-N-acetyl-8-methyladenine	H	O-amino acid
CF ₃	OH	H	S	4-N-acetyl-5-fluoro-8-methylcytosine	H	O-amino acid
CF ₃	OH	H	S	6-N-acetyl-2-fluoro-8-methyladenine	H	O-amino acid
CF ₃	OH	H	S	6-N-acetyl-2-amino-8-methyladenine	H	O-amino acid
CF ₃	OH	H	S	2-N-acetylamino-8-methyladenine	H	O-amino acid
CF ₃	OH	H	S	2-N-acetylamino-8-methylhypoxanthine	H	O-amino acid
CF ₃	OH	H	S	6-Methylthymine	H	O-acyl
CF ₃	OH	H	S	6-Methyluracil	H	O-acyl
CF ₃	OH	H	S	8-Methylguanine	H	O-acyl
CF ₃	OH	H	S	6-Methylcytosine	H	O-acyl
CF ₃	OH	H	S	8-Methyladenine	H	O-acyl
CF ₃	OH	H	S	8-Methylhypoxanthine	H	O-acyl
CF ₃	OH	H	S	5-Fluoro-6-Methyluracil	H	O-acyl
CF ₃	OH	H	S	5-Fluoro-6-Methylcytosine	H	O-acyl
CF ₃	OH	H	S	2-Fluoro-8-methyladenine	H	O-acyl
CF ₃	OH	H	S	2-Fluoro-8-methylhypoxanthine	H	O-acyl
CF ₃	OH	H	S	2-Amino-8-methyladenine	H	O-acyl
CF ₃	OH	H	S	2-Amino-8-methylhypoxanthine	H	O-acyl
CF ₃	OH	H	S	2-N-acetyl-8-methylguanine	H	O-acyl
CF ₃	OH	H	S	4-N-acetyl-8-methylcytosine	H	O-acyl
CF ₃	OH	H	S	6-N-acetyl-8-methyladenine	H	O-acyl
CF ₃	OH	H	S	4-N-acetyl-5-fluoro-8-methylcytosine	H	O-acyl
CF ₃	OH	H	S	6-N-acetyl-2-fluoro-8-methyladenine	H	O-acyl
CF ₃	OH	H	S	6-N-acetyl-2-amino-8-methyladenine	H	O-acyl
CF ₃	OH	H	S	2-N-acetylamino-8-methyladenine	H	O-acyl
CF ₃	OH	H	S	2-N-acetylamino-8-methylhypoxanthine	H	O-acyl
CF ₃	H	F	S	6-Methylthymine	F	O-amino acid
CF ₃	H	F	S	6-Methyluracil	F	O-amino acid
CF ₃	H	F	S	8-Methylguanine	F	O-amino acid
CF ₃	H	F	S	6-Methylcytosine	F	O-amino acid
CF ₃	H	F	S	8-Methyladenine	F	O-amino acid
CF ₃	H	F	S	8-Methylhypoxanthine	F	O-amino acid
CF ₃	H	F	S	5-Fluoro-6-Methyluracil	F	O-amino acid
CF ₃	H	F	S	5-Fluoro-6-Methylcytosine	F	O-amino acid
CF ₃	H	F	S	2-Fluoro-8-methyladenine	F	O-amino acid
CF ₃	H	F	S	2-Fluoro-8-methylhypoxanthine	F	O-amino acid
CF ₃	H	F	S	2-Amino-8-methyladenine	F	O-amino acid
CF ₃	H	F	S	2-Amino-8-methylhypoxanthine	F	O-amino acid
CF ₃	H	F	S	2-N-acetyl-8-methylguanine	F	O-amino acid
CF ₃	H	F	S	4-N-acetyl-8-methylcytosine	F	O-amino acid
CF ₃	H	F	S	6-N-acetyl-8-methyladenine	F	O-amino acid
CF ₃	H	F	S	4-N-acetyl-5-fluoro-8-methylcytosine	F	O-amino acid
CF ₃	H	F	S	6-N-acetyl-2-fluoro-8-methyladenine	F	O-amino acid
CF ₃	H	F	S	6-N-acetyl-2-amino-8-methyladenine	F	O-amino acid
CF ₃	H	F	S	2-N-acetylamino-8-methyladenine	F	O-amino acid
CF ₃	H	F	S	2-N-acetylamino-8-methylhypoxanthine	F	O-amino acid
CF ₃	H	F	S	6-Methylthymine	F	O-acyl
CF ₃	H	F	S	6-Methyluracil	F	O-acyl
CF ₃	H	F	S	8-Methylguanine	F	O-acyl
CF ₃	H	F	S	6-Methylcytosine	F	O-acyl
CF ₃	H	F	S	8-Methyladenine	F	O-acyl
CF ₃	H	F	S	8-Methylhypoxanthine	F	O-acyl
CF ₃	H	F	S	5-Fluoro-6-Methyluracil	F	O-acyl
CF ₃	H	F	S	5-Fluoro-6-Methylcytosine	F	O-acyl
CF ₃	H	F	S	2-Fluoro-8-methyladenine	F	O-acyl
CF ₃	H	F	S	2-Fluoro-8-methylhypoxanthine	F	O-acyl
CF ₃	H	F	S	2-Amino-8-methyladenine	F	O-acyl
CF ₃	H	F	S	2-Amino-8-methylhypoxanthine	F	O-acyl
CF ₃	H	F	S	2-N-acetyl-8-methylguanine	F	O-acyl
CF ₃	H	F	S	4-N-acetyl-8-methylcytosine	F	O-acyl
CF ₃	H	F	S	6-N-acetyl-8-methyladenine	F	O-acyl
CF ₃	H	F	S	4-N-acetyl-5-fluoro-8-methylcytosine	F	O-acyl
CF ₃	H	F	S	6-N-acetyl-2-fluoro-8-methyladenine	F	O-acyl
CF ₃	H	F	S	6-N-acetyl-2-amino-8-methyladenine	F	O-acyl
CF ₃	H	F	S	2-N-acetylamino-8-methyladenine	F	O-acyl
CF ₃	H	F	S	2-N-acetylamino-8-methylhypoxanthine	F	O-acyl
CF ₃	H	F	S	6-Methylthymine	Br	O-amino acid
CF ₃	H	F	S	6-Methyluracil	Br	O-amino acid

TABLE 6-continued

R ⁶	R ⁷	R ⁸	X	Base	R ¹⁰	R ⁹
CF ₃	H	F	S	8-Methylguanine	Br	O-amino acid
CF ₃	H	F	S	6-Methylcytosine	Br	O-amino acid
CF ₃	H	F	S	8-Methyladenine	Br	O-amino acid
CF ₃	H	F	S	8-Methylhypoxanthine	Br	O-amino acid
CF ₃	H	F	S	5-Fluoro-6-Methyluracil	Br	O-amino acid
CF ₃	H	F	S	5-Fluoro-6-Methylcytosine	Br	O-amino acid
CF ₃	H	F	S	2-Fluoro-8-methyladenine	Br	O-amino acid
CF ₃	H	F	S	2-Fluoro-8-methylhypoxanthine	Br	O-amino acid
CF ₃	H	F	S	2-Amino-8-methyladenine	Br	O-amino acid
CF ₃	H	F	S	2-Amino-8-methylhypoxanthine	Br	O-amino acid
CF ₃	H	F	S	2-N-acetyl-8-methylguanine	Br	O-amino acid
CF ₃	H	F	S	4-N-acetyl-8-methylcytosine	Br	O-amino acid
CF ₃	H	F	S	6-N-acetyl-8-methyladenine	Br	O-amino acid
CF ₃	H	F	S	4-N-acetyl-5-fluoro-8-methylcytosine	Br	O-amino acid
CF ₃	H	F	S	6-N-acetyl-2-fluoro-8-methyladenine	Br	O-amino acid
CF ₃	H	F	S	6-N-acetyl-2-amino-8-methyladenine	Br	O-amino acid
CF ₃	H	F	S	2-N-acetylamino-8-methyladenine	Br	O-amino acid
CF ₃	H	F	S	2-N-acetylamino-8-methylhypoxanthine	Br	O-amino acid
CF ₃	H	F	S	6-Methylthymine	Br	O-acyl
CF ₃	H	F	S	6-Methyluracil	Br	O-acyl
CF ₃	H	F	S	8-Methylguanine	Br	O-acyl
CF ₃	H	F	S	6-Methylcytosine	Br	O-acyl
CF ₃	H	F	S	8-Methyladenine	Br	O-acyl
CF ₃	H	F	S	8-Methylhypoxanthine	Br	O-acyl
CF ₃	H	F	S	5-Fluoro-6-Methyluracil	Br	O-acyl
CF ₃	H	F	S	5-Fluoro-6-Methylcytosine	Br	O-acyl
CF ₃	H	F	S	2-Fluoro-8-methyladenine	Br	O-acyl
CF ₃	H	F	S	2-Fluoro-8-methylhypoxanthine	Br	O-acyl
CF ₃	H	F	S	2-Amino-8-methyladenine	Br	O-acyl
CF ₃	H	F	S	2-Amino-8-methylhypoxanthine	Br	O-acyl
CF ₃	H	F	S	2-N-acetyl-8-methylguanine	Br	O-acyl
CF ₃	H	F	S	4-N-acetyl-8-methylcytosine	Br	O-acyl
CF ₃	H	F	S	6-N-acetyl-8-methyladenine	Br	O-acyl
CF ₃	H	F	S	4-N-acetyl-5-fluoro-8-methylcytosine	Br	O-acyl
CF ₃	H	F	S	6-N-acetyl-2-fluoro-8-methyladenine	Br	O-acyl
CF ₃	H	F	S	6-N-acetyl-2-amino-8-methyladenine	Br	O-acyl
CF ₃	H	F	S	2-N-acetylamino-8-methyladenine	Br	O-acyl
CF ₃	H	F	S	2-N-acetylamino-8-methylhypoxanthine	Br	O-acyl
CF ₃	H	F	S	6-Methylthymine	Cl	O-amino acid
CF ₃	H	F	S	6-Methyluracil	Cl	O-amino acid
CF ₃	H	F	S	8-Methylguanine	Cl	O-amino acid
CF ₃	H	F	S	6-Methylcytosine	Cl	O-amino acid
CF ₃	H	F	S	8-Methyladenine	Cl	O-amino acid
CF ₃	H	F	S	8-Methylhypoxanthine	Cl	O-amino acid
CF ₃	H	F	S	5-Fluoro-6-Methyluracil	Cl	O-amino acid
CF ₃	H	F	S	5-Fluoro-6-Methylcytosine	Cl	O-amino acid
CF ₃	H	F	S	2-Fluoro-8-methyladenine	Cl	O-amino acid
CF ₃	H	F	S	2-Fluoro-8-methylhypoxanthine	Cl	O-amino acid
CF ₃	H	F	S	2-Amino-8-methyladenine	Cl	O-amino acid
CF ₃	H	F	S	2-Amino-8-methylhypoxanthine	Cl	O-amino acid
CF ₃	H	F	S	2-N-acetyl-8-methylguanine	Cl	O-amino acid
CF ₃	H	F	S	4-N-acetyl-8-methylcytosine	Cl	O-amino acid
CF ₃	H	F	S	6-N-acetyl-8-methyladenine	Cl	O-amino acid
CF ₃	H	F	S	4-N-acetyl-5-fluoro-8-methylcytosine	Cl	O-amino acid
CF ₃	H	F	S	6-N-acetyl-2-fluoro-8-methyladenine	Cl	O-amino acid
CF ₃	H	F	S	6-N-acetyl-2-amino-8-methyladenine	Cl	O-amino acid
CF ₃	H	F	S	2-N-acetylamino-8-methyladenine	Cl	O-amino acid
CF ₃	H	F	S	2-N-acetylamino-8-methylhypoxanthine	Cl	O-amino acid
CF ₃	H	F	S	6-Methylthymine	Cl	O-acyl
CF ₃	H	F	S	6-Methyluracil	Cl	O-acyl
CF ₃	H	F	S	8-Methylguanine	Cl	O-acyl
CF ₃	H	F	S	6-Methylcytosine	Cl	O-acyl
CF ₃	H	F	S	8-Methyladenine	Cl	O-acyl
CF ₃	H	F	S	8-Methylhypoxanthine	Cl	O-acyl
CF ₃	H	F	S	5-Fluoro-6-Methyluracil	Cl	O-acyl
CF ₃	H	F	S	5-Fluoro-6-Methylcytosine	Cl	O-acyl
CF ₃	H	F	S	2-Fluoro-8-methyladenine	Cl	O-acyl
CF ₃	H	F	S	2-Fluoro-8-methylhypoxanthine	Cl	O-acyl
CF ₃	H	F	S	2-Amino-8-methyladenine	Cl	O-acyl
CF ₃	H	F	S	2-Amino-8-methylhypoxanthine	Cl	O-acyl
CF ₃	H	F	S	2-N-acetyl-8-methylguanine	Cl	O-acyl
CF ₃	H	F	S	4-N-acetyl-8-methylcytosine	Cl	O-acyl
CF ₃	H	F	S	6-N-acetyl-8-methyladenine	Cl	O-acyl
CF ₃	H	F	S	4-N-acetyl-5-fluoro-8-methylcytosine	Cl	O-acyl

TABLE 6-continued

R ⁶	R ⁷	R ⁸	X	Base	R ¹⁰	R ⁹
CF ₃	H	F	S	6-N-acetyl-2-fluoro-8-methyladenine	Cl	O-acyl
CF ₃	H	F	S	6-N-acetyl-2-amino-8-methyladenine	Cl	O-acyl
CF ₃	H	F	S	2-N-acetyl-amino-8-methyladenine	Cl	O-acyl
CF ₃	H	F	S	2-N-acetyl-amino-8-methylhypoxanthine	Cl	O-acyl
CF ₃	H	F	S	6-Methylthymine	H	O-amino acid
CF ₃	H	F	S	6-Methyluracil	H	O-amino acid
CF ₃	H	F	S	8-Methylguanine	H	O-amino acid
CF ₃	H	F	S	6-Methylcytosine	H	O-amino acid
CF ₃	H	F	S	8-Methyladenine	H	O-amino acid
CF ₃	H	F	S	8-Methylhypoxanthine	H	O-amino acid
CF ₃	H	F	S	5-Fluoro-6-Methyluracil	H	O-amino acid
CF ₃	H	F	S	5-Fluoro-6-Methylcytosine	H	O-amino acid
CF ₃	H	F	S	2-Fluoro-8-methyladenine	H	O-amino acid
CF ₃	H	F	S	2-Fluoro-8-methylhypoxanthine	H	O-amino acid
CF ₃	H	F	S	2-Amino-8-methyladenine	H	O-amino acid
CF ₃	H	F	S	2-Amino-8-methylhypoxanthine	H	O-amino acid
CF ₃	H	F	S	2-N-acetyl-8-methylguanine	H	O-amino acid
CF ₃	H	F	S	4-N-acetyl-8-methylcytosine	H	O-amino acid
CF ₃	H	F	S	6-N-acetyl-8-methyladenine	H	O-amino acid
CF ₃	H	F	S	4-N-acetyl-5-fluoro-8-methylcytosine	H	O-amino acid
CF ₃	H	F	S	6-N-acetyl-2-fluoro-8-methyladenine	H	O-amino acid
CF ₃	H	F	S	6-N-acetyl-2-amino-8-methyladenine	H	O-amino acid
CF ₃	H	F	S	2-N-acetyl-amino-8-methyladenine	H	O-amino acid
CF ₃	H	F	S	2-N-acetyl-amino-8-methylhypoxanthine	H	O-amino acid
CF ₃	H	F	S	6-Methylthymine	H	O-acyl
CF ₃	H	F	S	6-Methyluracil	H	O-acyl
CF ₃	H	F	S	8-Methylguanine	H	O-acyl
CF ₃	H	F	S	6-Methylcytosine	H	O-acyl
CF ₃	H	F	S	8-Methyladenine	H	O-acyl
CF ₃	H	F	S	8-Methylhypoxanthine	H	O-acyl
CF ₃	H	F	S	5-Fluoro-6-Methyluracil	H	O-acyl
CF ₃	H	F	S	5-Fluoro-6-Methylcytosine	H	O-acyl
CF ₃	H	F	S	2-Fluoro-8-methyladenine	H	O-acyl
CF ₃	H	F	S	2-Fluoro-8-methylhypoxanthine	H	O-acyl
CF ₃	H	F	S	2-Amino-8-methyladenine	H	O-acyl
CF ₃	H	F	S	2-Amino-8-methylhypoxanthine	H	O-acyl
CF ₃	H	F	S	2-N-acetyl-8-methylguanine	H	O-acyl
CF ₃	H	F	S	4-N-acetyl-8-methylcytosine	H	O-acyl
CF ₃	H	F	S	6-N-acetyl-8-methyladenine	H	O-acyl
CF ₃	H	F	S	4-N-acetyl-5-fluoro-8-methylcytosine	H	O-acyl
CF ₃	H	F	S	6-N-acetyl-2-fluoro-8-methyladenine	H	O-acyl
CF ₃	H	F	S	6-N-acetyl-2-amino-8-methyladenine	H	O-acyl
CF ₃	H	F	S	2-N-acetyl-amino-8-methyladenine	H	O-acyl
CF ₃	H	F	S	2-N-acetyl-amino-8-methylhypoxanthine	H	O-acyl
CF ₃	H	Br	S	6-Methylthymine	F	O-amino acid
CF ₃	H	Br	S	6-Methyluracil	F	O-amino acid
CF ₃	H	Br	S	8-Methylguanine	F	O-amino acid
CF ₃	H	Br	S	6-Methylcytosine	F	O-amino acid
CF ₃	H	Br	S	8-Methyladenine	F	O-amino acid
CF ₃	H	Br	S	8-Methylhypoxanthine	F	O-amino acid
CF ₃	H	Br	S	5-Fluoro-6-Methyluracil	F	O-amino acid
CF ₃	H	Br	S	5-Fluoro-6-Methylcytosine	F	O-amino acid
CF ₃	H	Br	S	2-Fluoro-8-methyladenine	F	O-amino acid
CF ₃	H	Br	S	2-Fluoro-8-methylhypoxanthine	F	O-amino acid
CF ₃	H	Br	S	2-Amino-8-methyladenine	F	O-amino acid
CF ₃	H	Br	S	2-Amino-8-methylhypoxanthine	F	O-amino acid
CF ₃	H	Br	S	2-N-acetyl-8-methylguanine	F	O-amino acid
CF ₃	H	Br	S	4-N-acetyl-8-methylcytosine	F	O-amino acid
CF ₃	H	Br	S	6-N-acetyl-8-methyladenine	F	O-amino acid
CF ₃	H	Br	S	4-N-acetyl-5-fluoro-8-methylcytosine	F	O-amino acid
CF ₃	H	Br	S	6-N-acetyl-2-fluoro-8-methyladenine	F	O-amino acid
CF ₃	H	Br	S	6-N-acetyl-2-amino-8-methyladenine	F	O-amino acid
CF ₃	H	Br	S	2-N-acetyl-amino-8-methyladenine	F	O-amino acid
CF ₃	H	Br	S	2-N-acetyl-amino-8-methylhypoxanthine	F	O-amino acid
CF ₃	H	Br	S	6-Methylthymine	F	O-acyl
CF ₃	H	Br	S	6-Methyluracil	F	O-acyl
CF ₃	H	Br	S	8-Methylguanine	F	O-acyl
CF ₃	H	Br	S	6-Methylcytosine	F	O-acyl
CF ₃	H	Br	S	8-Methyladenine	F	O-acyl
CF ₃	H	Br	S	8-Methylhypoxanthine	F	O-acyl
CF ₃	H	Br	S	5-Fluoro-6-Methyluracil	F	O-acyl
CF ₃	H	Br	S	5-Fluoro-6-Methylcytosine	F	O-acyl
CF ₃	H	Br	S	2-Fluoro-8-methyladenine	F	O-acyl

TABLE 6-continued

R ⁶	R ⁷	R ⁸	X	Base	R ¹⁰	R ⁹
CF ₃	H	Br	S	2-Fluoro-8-methylhypoxanthine	F	O-acyl
CF ₃	H	Br	S	2-Amino-8-methyladenine	F	O-acyl
CF ₃	H	Br	S	2-Amino-8-methylhypoxanthine	F	O-acyl
CF ₃	H	Br	S	2-N-acetyl-8-methylguanine	F	O-acyl
CF ₃	H	Br	S	4-N-acetyl-8-methylcytosine	F	O-acyl
CF ₃	H	Br	S	6-N-acetyl-8-methyladenine	F	O-acyl
CF ₃	H	Br	S	4-N-acetyl-5-fluoro-8-methylcytosine	F	O-acyl
CF ₃	H	Br	S	6-N-acetyl-2-fluoro-8-methyladenine	F	O-acyl
CF ₃	H	Br	S	6-N-acetyl-2-amino-8-methyladenine	F	O-acyl
CF ₃	H	Br	S	2-N-acetylamino-8-methyladenine	F	O-acyl
CF ₃	H	Br	S	2-N-acetylamino-8-methylhypoxanthine	F	O-acyl
CF ₃	H	Br	S	6-Methylthymine	Br	O-amino acid
CF ₃	H	Br	S	6-Methyluracil	Br	O-amino acid
CF ₃	H	Br	S	8-Methylguanine	Br	O-amino acid
CF ₃	H	Br	S	6-Methylcytosine	Br	O-amino acid
CF ₃	H	Br	S	8-Methyladenine	Br	O-amino acid
CF ₃	H	Br	S	8-Methylhypoxanthine	Br	O-amino acid
CF ₃	H	Br	S	5-Fluoro-6-Methyluracil	Br	O-amino acid
CF ₃	H	Br	S	5-Fluoro-6-Methylcytosine	Br	O-amino acid
CF ₃	H	Br	S	2-Fluoro-8-methyladenine	Br	O-amino acid
CF ₃	H	Br	S	2-Fluoro-8-methylhypoxanthine	Br	O-amino acid
CF ₃	H	Br	S	2-Amino-8-methyladenine	Br	O-amino acid
CF ₃	H	Br	S	2-Amino-8-methylhypoxanthine	Br	O-amino acid
CF ₃	H	Br	S	2-N-acetyl-8-methylguanine	Br	O-amino acid
CF ₃	H	Br	S	4-N-acetyl-8-methylcytosine	Br	O-amino acid
CF ₃	H	Br	S	6-N-acetyl-8-methyladenine	Br	O-amino acid
CF ₃	H	Br	S	4-N-acetyl-5-fluoro-8-methylcytosine	Br	O-amino acid
CF ₃	H	Br	S	6-N-acetyl-2-fluoro-8-methyladenine	Br	O-amino acid
CF ₃	H	Br	S	6-N-acetyl-2-amino-8-methyladenine	Br	O-amino acid
CF ₃	H	Br	S	2-N-acetylamino-8-methyladenine	Br	O-amino acid
CF ₃	H	Br	S	2-N-acetylamino-8-methylhypoxanthine	Br	O-amino acid
CF ₃	H	Br	S	6-Methylthymine	Br	O-acyl
CF ₃	H	Br	S	6-Methyluracil	Br	O-acyl
CF ₃	H	Br	S	8-Methylguanine	Br	O-acyl
CF ₃	H	Br	S	6-Methylcytosine	Br	O-acyl
CF ₃	H	Br	S	8-Methyladenine	Br	O-acyl
CF ₃	H	Br	S	8-Methylhypoxanthine	Br	O-acyl
CF ₃	H	Br	S	5-Fluoro-6-Methyluracil	Br	O-acyl
CF ₃	H	Br	S	5-Fluoro-6-Methylcytosine	Br	O-acyl
CF ₃	H	Br	S	2-Fluoro-8-methyladenine	Br	O-acyl
CF ₃	H	Br	S	2-Fluoro-8-methylhypoxanthine	Br	O-acyl
CF ₃	H	Br	S	2-Amino-8-methyladenine	Br	O-acyl
CF ₃	H	Br	S	2-Amino-8-methylhypoxanthine	Br	O-acyl
CF ₃	H	Br	S	2-N-acetyl-8-methylguanine	Br	O-acyl
CF ₃	H	Br	S	4-N-acetyl-8-methylcytosine	Br	O-acyl
CF ₃	H	Br	S	6-N-acetyl-8-methyladenine	Br	O-acyl
CF ₃	H	Br	S	4-N-acetyl-5-fluoro-8-methylcytosine	Br	O-acyl
CF ₃	H	Br	S	6-N-acetyl-2-fluoro-8-methyladenine	Br	O-acyl
CF ₃	H	Br	S	6-N-acetyl-2-amino-8-methyladenine	Br	O-acyl
CF ₃	H	Br	S	2-N-acetylamino-8-methyladenine	Br	O-acyl
CF ₃	H	Br	S	2-N-acetylamino-8-methylhypoxanthine	Br	O-acyl
CF ₃	H	Br	S	6-Methylthymine	Cl	O-amino acid
CF ₃	H	Br	S	6-Methyluracil	Cl	O-amino acid
CF ₃	H	Br	S	8-Methylguanine	Cl	O-amino acid
CF ₃	H	Br	S	6-Methylcytosine	Cl	O-amino acid
CF ₃	H	Br	S	8-Methyladenine	Cl	O-amino acid
CF ₃	H	Br	S	8-Methylhypoxanthine	Cl	O-amino acid
CF ₃	H	Br	S	5-Fluoro-6-Methyluracil	Cl	O-amino acid
CF ₃	H	Br	S	5-Fluoro-6-Methylcytosine	Cl	O-amino acid
CF ₃	H	Br	S	2-Fluoro-8-methyladenine	Cl	O-amino acid
CF ₃	H	Br	S	2-Fluoro-8-methylhypoxanthine	Cl	O-amino acid
CF ₃	H	Br	S	2-Amino-8-methyladenine	Cl	O-amino acid
CF ₃	H	Br	S	2-Amino-8-methylhypoxanthine	Cl	O-amino acid
CF ₃	H	Br	S	2-N-acetyl-8-methylguanine	Cl	O-amino acid
CF ₃	H	Br	S	4-N-acetyl-8-methylcytosine	Cl	O-amino acid
CF ₃	H	Br	S	6-N-acetyl-8-methyladenine	Cl	O-amino acid
CF ₃	H	Br	S	4-N-acetyl-5-fluoro-8-methylcytosine	Cl	O-amino acid
CF ₃	H	Br	S	6-N-acetyl-2-fluoro-8-methyladenine	Cl	O-amino acid
CF ₃	H	Br	S	6-N-acetyl-2-amino-8-methyladenine	Cl	O-amino acid
CF ₃	H	Br	S	2-N-acetylamino-8-methyladenine	Cl	O-amino acid
CF ₃	H	Br	S	2-N-acetylamino-8-methylhypoxanthine	Cl	O-amino acid
CF ₃	H	Br	S	6-Methylthymine	Cl	O-acyl
CF ₃	H	Br	S	6-Methyluracil	Cl	O-acyl

TABLE 6-continued

R ⁶	R ⁷	R ⁸	X	Base	R ¹⁰	R ⁹
CF ₃	H	Br	S	8-Methylguanine	Cl	O-acyl
CF ₃	H	Br	S	6-Methylcytosine	Cl	O-acyl
CF ₃	H	Br	S	8-Methyladenine	Cl	O-acyl
CF ₃	H	Br	S	8-Methylhypoxanthine	Cl	O-acyl
CF ₃	H	Br	S	5-Fluoro-6-Methyluracil	Cl	O-acyl
CF ₃	H	Br	S	5-Fluoro-6-Methylcytosine	Cl	O-acyl
CF ₃	H	Br	S	2-Fluoro-8-methyladenine	Cl	O-acyl
CF ₃	H	Br	S	2-Fluoro-8-methylhypoxanthine	Cl	O-acyl
CF ₃	H	Br	S	2-Amino-8-methyladenine	Cl	O-acyl
CF ₃	H	Br	S	2-Amino-8-methylhypoxanthine	Cl	O-acyl
CF ₃	H	Br	S	2-N-acetyl-8-methylguanine	Cl	O-acyl
CF ₃	H	Br	S	4-N-acetyl-8-methylcytosine	Cl	O-acyl
CF ₃	H	Br	S	6-N-acetyl-8-methyladenine	Cl	O-acyl
CF ₃	H	Br	S	4-N-acetyl-5-fluoro-8-methylcytosine	Cl	O-acyl
CF ₃	H	Br	S	6-N-acetyl-2-fluoro-8-methyladenine	Cl	O-acyl
CF ₃	H	Br	S	6-N-acetyl-2-amino-8-methyladenine	Cl	O-acyl
CF ₃	H	Br	S	2-N-acetylamino-8-methyladenine	Cl	O-acyl
CF ₃	H	Br	S	2-N-acetylamino-8-methylhypoxanthine	Cl	O-acyl
CF ₃	H	Br	S	6-Methylthymine	H	O-amino acid
CF ₃	H	Br	S	6-Methyluracil	H	O-amino acid
CF ₃	H	Br	S	8-Methylguanine	H	O-amino acid
CF ₃	H	Br	S	6-Methylcytosine	H	O-amino acid
CF ₃	H	Br	S	8-Methyladenine	H	O-amino acid
CF ₃	H	Br	S	8-Methylhypoxanthine	H	O-amino acid
CF ₃	H	Br	S	5-Fluoro-6-Methyluracil	H	O-amino acid
CF ₃	H	Br	S	5-Fluoro-6-Methylcytosine	H	O-amino acid
CF ₃	H	Br	S	2-Fluoro-8-methyladenine	H	O-amino acid
CF ₃	H	Br	S	2-Fluoro-8-methylhypoxanthine	H	O-amino acid
CF ₃	H	Br	S	2-Amino-8-methyladenine	H	O-amino acid
CF ₃	H	Br	S	2-Amino-8-methylhypoxanthine	H	O-amino acid
CF ₃	H	Br	S	2-N-acetyl-8-methylguanine	H	O-amino acid
CF ₃	H	Br	S	4-N-acetyl-8-methylcytosine	H	O-amino acid
CF ₃	H	Br	S	6-N-acetyl-8-methyladenine	H	O-amino acid
CF ₃	H	Br	S	4-N-acetyl-5-fluoro-8-methylcytosine	H	O-amino acid
CF ₃	H	Br	S	6-N-acetyl-2-fluoro-8-methyladenine	H	O-amino acid
CF ₃	H	Br	S	6-N-acetyl-2-amino-8-methyladenine	H	O-amino acid
CF ₃	H	Br	S	2-N-acetylamino-8-methyladenine	H	O-amino acid
CF ₃	H	Br	S	2-N-acetylamino-8-methylhypoxanthine	H	O-amino acid
CF ₃	H	Br	S	6-Methylthymine	H	O-acyl
CF ₃	H	Br	S	6-Methyluracil	H	O-acyl
CF ₃	H	Br	S	8-Methylguanine	H	O-acyl
CF ₃	H	Br	S	6-Methylcytosine	H	O-acyl
CF ₃	H	Br	S	8-Methyladenine	H	O-acyl
CF ₃	H	Br	S	8-Methylhypoxanthine	H	O-acyl
CF ₃	H	Br	S	5-Fluoro-6-Methyluracil	H	O-acyl
CF ₃	H	Br	S	5-Fluoro-6-Methylcytosine	H	O-acyl
CF ₃	H	Br	S	2-Fluoro-8-methyladenine	H	O-acyl
CF ₃	H	Br	S	2-Fluoro-8-methylhypoxanthine	H	O-acyl
CF ₃	H	Br	S	2-Amino-8-methyladenine	H	O-acyl
CF ₃	H	Br	S	2-Amino-8-methylhypoxanthine	H	O-acyl
CF ₃	H	Br	S	2-N-acetyl-8-methylguanine	H	O-acyl
CF ₃	H	Br	S	4-N-acetyl-8-methylcytosine	H	O-acyl
CF ₃	H	Br	S	6-N-acetyl-8-methyladenine	H	O-acyl
CF ₃	H	Br	S	4-N-acetyl-5-fluoro-8-methylcytosine	H	O-acyl
CF ₃	H	Br	S	6-N-acetyl-2-fluoro-8-methyladenine	H	O-acyl
CF ₃	H	Br	S	6-N-acetyl-2-amino-8-methyladenine	H	O-acyl
CF ₃	H	Br	S	2-N-acetylamino-8-methyladenine	H	O-acyl
CF ₃	H	Br	S	2-N-acetylamino-8-methylhypoxanthine	H	O-acyl
CF ₃	H	Cl	S	6-Methylthymine	F	O-amino acid
CF ₃	H	Cl	S	6-Methyluracil	F	O-amino acid
CF ₃	H	Cl	S	8-Methylguanine	F	O-amino acid
CF ₃	H	Cl	S	6-Methylcytosine	F	O-amino acid
CF ₃	H	Cl	S	8-Methyladenine	F	O-amino acid
CF ₃	H	Cl	S	8-Methylhypoxanthine	F	O-amino acid
CF ₃	H	Cl	S	5-Fluoro-6-Methyluracil	F	O-amino acid
CF ₃	H	Cl	S	5-Fluoro-6-Methylcytosine	F	O-amino acid
CF ₃	H	Cl	S	2-Fluoro-8-methyladenine	F	O-amino acid
CF ₃	H	Cl	S	2-Fluoro-8-methylhypoxanthine	F	O-amino acid
CF ₃	H	Cl	S	2-Amino-8-methyladenine	F	O-amino acid
CF ₃	H	Cl	S	2-Amino-8-methylhypoxanthine	F	O-amino acid
CF ₃	H	Cl	S	2-N-acetyl-8-methylguanine	F	O-amino acid
CF ₃	H	Cl	S	4-N-acetyl-8-methylcytosine	F	O-amino acid
CF ₃	H	Cl	S	6-N-acetyl-8-methyladenine	F	O-amino acid
CF ₃	H	Cl	S	4-N-acetyl-5-fluoro-8-methylcytosine	F	O-amino acid

TABLE 6-continued

R ⁶	R ⁷	R ⁸	X	Base	R ¹⁰	R ⁹
CF ₃	H	Cl	S	6-N-acetyl-2-fluoro-8-methyladenine	F	O-amino acid
CF ₃	H	Cl	S	6-N-acetyl-2-amino-8-methyladenine	F	O-amino acid
CF ₃	H	Cl	S	2-N-acetyl-amino-8-methyladenine	F	O-amino acid
CF ₃	H	Cl	S	2-N-acetyl-amino-8-methylhypoxanthine	F	O-amino acid
CF ₃	H	Cl	S	6-Methylthymine	F	O-acyl
CF ₃	H	Cl	S	6-Methyluracil	F	O-acyl
CF ₃	H	Cl	S	8-Methylguanine	F	O-acyl
CF ₃	H	Cl	S	6-Methylcytosine	F	O-acyl
CF ₃	H	Cl	S	8-Methyladenine	F	O-acyl
CF ₃	H	Cl	S	8-Methylhypoxanthine	F	O-acyl
CF ₃	H	Cl	S	5-Fluoro-6-Methyluracil	F	O-acyl
CF ₃	H	Cl	S	5-Fluoro-6-Methylcytosine	F	O-acyl
CF ₃	H	Cl	S	2-Fluoro-8-methyladenine	F	O-acyl
CF ₃	H	Cl	S	2-Fluoro-8-methylhypoxanthine	F	O-acyl
CF ₃	H	Cl	S	2-Amino-8-methyladenine	F	O-acyl
CF ₃	H	Cl	S	2-Amino-8-methylhypoxanthine	F	O-acyl
CF ₃	H	Cl	S	2-N-acetyl-8-methylguanine	F	O-acyl
CF ₃	H	Cl	S	4-N-acetyl-8-methylcytosine	F	O-acyl
CF ₃	H	Cl	S	6-N-acetyl-8-methyladenine	F	O-acyl
CF ₃	H	Cl	S	4-N-acetyl-5-fluoro-8-methylcytosine	F	O-acyl
CF ₃	H	Cl	S	6-N-acetyl-2-fluoro-8-methyladenine	F	O-acyl
CF ₃	H	Cl	S	6-N-acetyl-2-amino-8-methyladenine	F	O-acyl
CF ₃	H	Cl	S	2-N-acetyl-amino-8-methyladenine	F	O-acyl
CF ₃	H	Cl	S	2-N-acetyl-amino-8-methylhypoxanthine	F	O-acyl
CF ₃	H	Cl	S	6-Methylthymine	Br	O-amino acid
CF ₃	H	Cl	S	6-Methyluracil	Br	O-amino acid
CF ₃	H	Cl	S	8-Methylguanine	Br	O-amino acid
CF ₃	H	Cl	S	6-Methylcytosine	Br	O-amino acid
CF ₃	H	Cl	S	8-Methyladenine	Br	O-amino acid
CF ₃	H	Cl	S	8-Methylhypoxanthine	Br	O-amino acid
CF ₃	H	Cl	S	5-Fluoro-6-Methyluracil	Br	O-amino acid
CF ₃	H	Cl	S	5-Fluoro-6-Methylcytosine	Br	O-amino acid
CF ₃	H	Cl	S	2-Fluoro-8-methyladenine	Br	O-amino acid
CF ₃	H	Cl	S	2-Fluoro-8-methylhypoxanthine	Br	O-amino acid
CF ₃	H	Cl	S	2-Amino-8-methyladenine	Br	O-amino acid
CF ₃	H	Cl	S	2-Amino-8-methylhypoxanthine	Br	O-amino acid
CF ₃	H	Cl	S	2-N-acetyl-8-methylguanine	Br	O-amino acid
CF ₃	H	Cl	S	4-N-acetyl-8-methylcytosine	Br	O-amino acid
CF ₃	H	Cl	S	6-N-acetyl-8-methyladenine	Br	O-amino acid
CF ₃	H	Cl	S	4-N-acetyl-5-fluoro-8-methylcytosine	Br	O-amino acid
CF ₃	H	Cl	S	6-N-acetyl-2-fluoro-8-methyladenine	Br	O-amino acid
CF ₃	H	Cl	S	6-N-acetyl-2-amino-8-methyladenine	Br	O-amino acid
CF ₃	H	Cl	S	2-N-acetyl-amino-8-methyladenine	Br	O-amino acid
CF ₃	H	Cl	S	2-N-acetyl-amino-8-methylhypoxanthine	Br	O-amino acid
CF ₃	H	Cl	S	6-Methylthymine	Br	O-acyl
CF ₃	H	Cl	S	6-Methyluracil	Br	O-acyl
CF ₃	H	Cl	S	8-Methylguanine	Br	O-acyl
CF ₃	H	Cl	S	6-Methylcytosine	Br	O-acyl
CF ₃	H	Cl	S	8-Methyladenine	Br	O-acyl
CF ₃	H	Cl	S	8-Methylhypoxanthine	Br	O-acyl
CF ₃	H	Cl	S	5-Fluoro-6-Methyluracil	Br	O-acyl
CF ₃	H	Cl	S	5-Fluoro-6-Methylcytosine	Br	O-acyl
CF ₃	H	Cl	S	2-Fluoro-8-methyladenine	Br	O-acyl
CF ₃	H	Cl	S	2-Fluoro-8-methylhypoxanthine	Br	O-acyl
CF ₃	H	Cl	S	2-Amino-8-methyladenine	Br	O-acyl
CF ₃	H	Cl	S	2-Amino-8-methylhypoxanthine	Br	O-acyl
CF ₃	H	Cl	S	2-N-acetyl-8-methylguanine	Br	O-acyl
CF ₃	H	Cl	S	4-N-acetyl-8-methylcytosine	Br	O-acyl
CF ₃	H	Cl	S	6-N-acetyl-8-methyladenine	Br	O-acyl
CF ₃	H	Cl	S	4-N-acetyl-5-fluoro-8-methylcytosine	Br	O-acyl
CF ₃	H	Cl	S	6-N-acetyl-2-fluoro-8-methyladenine	Br	O-acyl
CF ₃	H	Cl	S	6-N-acetyl-2-amino-8-methyladenine	Br	O-acyl
CF ₃	H	Cl	S	2-N-acetyl-amino-8-methyladenine	Br	O-acyl
CF ₃	H	Cl	S	2-N-acetyl-amino-8-methylhypoxanthine	Br	O-acyl
CF ₃	H	Cl	S	6-Methylthymine	Cl	O-amino acid
CF ₃	H	Cl	S	6-Methyluracil	Cl	O-amino acid
CF ₃	H	Cl	S	8-Methylguanine	Cl	O-amino acid
CF ₃	H	Cl	S	6-Methylcytosine	Cl	O-amino acid
CF ₃	H	Cl	S	8-Methyladenine	Cl	O-amino acid
CF ₃	H	Cl	S	8-Methylhypoxanthine	Cl	O-amino acid
CF ₃	H	Cl	S	5-Fluoro-6-Methyluracil	Cl	O-amino acid
CF ₃	H	Cl	S	5-Fluoro-6-Methylcytosine	Cl	O-amino acid
CF ₃	H	Cl	S	2-Fluoro-8-methyladenine	Cl	O-amino acid

TABLE 6-continued

R ⁶	R ⁷	R ⁸	X	Base	R ¹⁰	R ⁹
CF ₃	H	Cl	S	2-Fluoro-8-methylhypoxanthine	Cl	O-amino acid
CF ₃	H	Cl	S	2-Amino-8-methyladenine	Cl	O-amino acid
CF ₃	H	Cl	S	2-Amino-8-methylhypoxanthine	Cl	O-amino acid
CF ₃	H	Cl	S	2-N-acetyl-8-methylguanine	Cl	O-amino acid
CF ₃	H	Cl	S	4-N-acetyl-8-methylcytosine	Cl	O-amino acid
CF ₃	H	Cl	S	6-N-acetyl-8-methyladenine	Cl	O-amino acid
CF ₃	H	Cl	S	4-N-acetyl-5-fluoro-8-methylcytosine	Cl	O-amino acid
CF ₃	H	Cl	S	6-N-acetyl-2-fluoro-8-methyladenine	Cl	O-amino acid
CF ₃	H	Cl	S	6-N-acetyl-2-amino-8-methyladenine	Cl	O-amino acid
CF ₃	H	Cl	S	2-N-acetylamino-8-methyladenine	Cl	O-amino acid
CF ₃	H	Cl	S	2-N-acetylamino-8-methylhypoxanthine	Cl	O-amino acid
CF ₃	H	Cl	S	6-Methylthymine	Cl	O-acyl
CF ₃	H	Cl	S	6-Methyluracil	Cl	O-acyl
CF ₃	H	Cl	S	8-Methylguanine	Cl	O-acyl
CF ₃	H	Cl	S	6-Methylcytosine	Cl	O-acyl
CF ₃	H	Cl	S	8-Methyladenine	Cl	O-acyl
CF ₃	H	Cl	S	8-Methylhypoxanthine	Cl	O-acyl
CF ₃	H	Cl	S	5-Fluoro-6-Methyluracil	Cl	O-acyl
CF ₃	H	Cl	S	5-Fluoro-6-Methylcytosine	Cl	O-acyl
CF ₃	H	Cl	S	2-Fluoro-8-methyladenine	Cl	O-acyl
CF ₃	H	Cl	S	2-Fluoro-8-methylhypoxanthine	Cl	O-acyl
CF ₃	H	Cl	S	2-Amino-8-methyladenine	Cl	O-acyl
CF ₃	H	Cl	S	2-Amino-8-methylhypoxanthine	Cl	O-acyl
CF ₃	H	Cl	S	2-N-acetyl-8-methylguanine	Cl	O-acyl
CF ₃	H	Cl	S	4-N-acetyl-8-methylcytosine	Cl	O-acyl
CF ₃	H	Cl	S	6-N-acetyl-8-methyladenine	Cl	O-acyl
CF ₃	H	Cl	S	4-N-acetyl-5-fluoro-8-methylcytosine	Cl	O-acyl
CF ₃	H	Cl	S	6-N-acetyl-2-fluoro-8-methyladenine	Cl	O-acyl
CF ₃	H	Cl	S	6-N-acetyl-2-amino-8-methyladenine	Cl	O-acyl
CF ₃	H	Cl	S	2-N-acetylamino-8-methyladenine	Cl	O-acyl
CF ₃	H	Cl	S	2-N-acetylamino-8-methylhypoxanthine	Cl	O-acyl
CF ₃	H	Cl	S	6-Methylthymine	H	O-amino acid
CF ₃	H	Cl	S	6-Methyluracil	H	O-amino acid
CF ₃	H	Cl	S	8-Methylguanine	H	O-amino acid
CF ₃	H	Cl	S	6-Methylcytosine	H	O-amino acid
CF ₃	H	Cl	S	8-Methyladenine	H	O-amino acid
CF ₃	H	Cl	S	8-Methylhypoxanthine	H	O-amino acid
CF ₃	H	Cl	S	5-Fluoro-6-Methyluracil	H	O-amino acid
CF ₃	H	Cl	S	5-Fluoro-6-Methylcytosine	H	O-amino acid
CF ₃	H	Cl	S	2-Fluoro-8-methyladenine	H	O-amino acid
CF ₃	H	Cl	S	2-Fluoro-8-methylhypoxanthine	H	O-amino acid
CF ₃	H	Cl	S	2-Amino-8-methyladenine	H	O-amino acid
CF ₃	H	Cl	S	2-Amino-8-methylhypoxanthine	H	O-amino acid
CF ₃	H	Cl	S	2-N-acetyl-8-methylguanine	H	O-amino acid
CF ₃	H	Cl	S	4-N-acetyl-8-methylcytosine	H	O-amino acid
CF ₃	H	Cl	S	6-N-acetyl-8-methyladenine	H	O-amino acid
CF ₃	H	Cl	S	4-N-acetyl-5-fluoro-8-methylcytosine	H	O-amino acid
CF ₃	H	Cl	S	6-N-acetyl-2-fluoro-8-methyladenine	H	O-amino acid
CF ₃	H	Cl	S	6-N-acetyl-2-amino-8-methyladenine	H	O-amino acid
CF ₃	H	Cl	S	2-N-acetylamino-8-methyladenine	H	O-amino acid
CF ₃	H	Cl	S	2-N-acetylamino-8-methylhypoxanthine	H	O-amino acid
CF ₃	H	Cl	S	6-Methylthymine	H	O-acyl
CF ₃	H	Cl	S	6-Methyluracil	H	O-acyl
CF ₃	H	Cl	S	8-Methylguanine	H	O-acyl
CF ₃	H	Cl	S	6-Methylcytosine	H	O-acyl
CF ₃	H	Cl	S	8-Methyladenine	H	O-acyl
CF ₃	H	Cl	S	8-Methylhypoxanthine	H	O-acyl
CF ₃	H	Cl	S	5-Fluoro-6-Methyluracil	H	O-acyl
CF ₃	H	Cl	S	5-Fluoro-6-Methylcytosine	H	O-acyl
CF ₃	H	Cl	S	2-Fluoro-8-methyladenine	H	O-acyl
CF ₃	H	Cl	S	2-Fluoro-8-methylhypoxanthine	H	O-acyl
CF ₃	H	Cl	S	2-Amino-8-methyladenine	H	O-acyl
CF ₃	H	Cl	S	2-Amino-8-methylhypoxanthine	H	O-acyl
CF ₃	H	Cl	S	2-N-acetyl-8-methylguanine	H	O-acyl
CF ₃	H	Cl	S	4-N-acetyl-8-methylcytosine	H	O-acyl
CF ₃	H	Cl	S	6-N-acetyl-8-methyladenine	H	O-acyl
CF ₃	H	Cl	S	4-N-acetyl-5-fluoro-8-methylcytosine	H	O-acyl
CF ₃	H	Cl	S	6-N-acetyl-2-fluoro-8-methyladenine	H	O-acyl
CF ₃	H	Cl	S	6-N-acetyl-2-amino-8-methyladenine	H	O-acyl
CF ₃	H	Cl	S	2-N-acetylamino-8-methyladenine	H	O-acyl
CF ₃	H	Cl	S	2-N-acetylamino-8-methylhypoxanthine	H	O-acyl
CF ₃	H	H	S	6-Methylthymine	F	O-amino acid
CF ₃	H	H	S	6-Methyluracil	F	O-amino acid

TABLE 6-continued

R ⁶	R ⁷	R ⁸	X	Base	R ¹⁰	R ⁹
CF ₃	H	H	S	8-Methylguanine	F	O-amino acid
CF ₃	H	H	S	6-Methylcytosine	F	O-amino acid
CF ₃	H	H	S	8-Methyladenine	F	O-amino acid
CF ₃	H	H	S	8-Methylhypoxanthine	F	O-amino acid
CF ₃	H	H	S	5-Fluoro-6-Methyluracil	F	O-amino acid
CF ₃	H	H	S	5-Fluoro-6-Methylcytosine	F	O-amino acid
CF ₃	H	H	S	2-Fluoro-8-methyladenine	F	O-amino acid
CF ₃	H	H	S	2-Fluoro-8-methylhypoxanthine	F	O-amino acid
CF ₃	H	H	S	2-Amino-8-methyladenine	F	O-amino acid
CF ₃	H	H	S	2-Amino-8-methylhypoxanthine	F	O-amino acid
CF ₃	H	H	S	2-N-acetyl-8-methylguanine	F	O-amino acid
CF ₃	H	H	S	4-N-acetyl-8-methylcytosine	F	O-amino acid
CF ₃	H	H	S	6-N-acetyl-8-methyladenine	F	O-amino acid
CF ₃	H	H	S	4-N-acetyl-5-fluoro-8-methylcytosine	F	O-amino acid
CF ₃	H	H	S	6-N-acetyl-2-fluoro-8-methyladenine	F	O-amino acid
CF ₃	H	H	S	6-N-acetyl-2-amino-8-methyladenine	F	O-amino acid
CF ₃	H	H	S	2-N-acetylamino-8-methyladenine	F	O-amino acid
CF ₃	H	H	S	2-N-acetylamino-8-methylhypoxanthine	F	O-amino acid
CF ₃	H	H	S	6-Methylthymine	F	O-acyl
CF ₃	H	H	S	6-Methyluracil	F	O-acyl
CF ₃	H	H	S	8-Methylguanine	F	O-acyl
CF ₃	H	H	S	6-Methylcytosine	F	O-acyl
CF ₃	H	H	S	8-Methyladenine	F	O-acyl
CF ₃	H	H	S	8-Methylhypoxanthine	F	O-acyl
CF ₃	H	H	S	5-Fluoro-6-Methyluracil	F	O-acyl
CF ₃	H	H	S	5-Fluoro-6-Methylcytosine	F	O-acyl
CF ₃	H	H	S	2-Fluoro-8-methyladenine	F	O-acyl
CF ₃	H	H	S	2-Fluoro-8-methylhypoxanthine	F	O-acyl
CF ₃	H	H	S	2-Amino-8-methyladenine	F	O-acyl
CF ₃	H	H	S	2-Amino-8-methylhypoxanthine	F	O-acyl
CF ₃	H	H	S	2-N-acetyl-8-methylguanine	F	O-acyl
CF ₃	H	H	S	4-N-acetyl-8-methylcytosine	F	O-acyl
CF ₃	H	H	S	6-N-acetyl-8-methyladenine	F	O-acyl
CF ₃	H	H	S	4-N-acetyl-5-fluoro-8-methylcytosine	F	O-acyl
CF ₃	H	H	S	6-N-acetyl-2-fluoro-8-methyladenine	F	O-acyl
CF ₃	H	H	S	6-N-acetyl-2-amino-8-methyladenine	F	O-acyl
CF ₃	H	H	S	2-N-acetylamino-8-methyladenine	F	O-acyl
CF ₃	H	H	S	2-N-acetylamino-8-methylhypoxanthine	F	O-acyl
CF ₃	H	H	S	6-Methylthymine	Br	O-amino acid
CF ₃	H	H	S	6-Methyluracil	Br	O-amino acid
CF ₃	H	H	S	8-Methylguanine	Br	O-amino acid
CF ₃	H	H	S	6-Methylcytosine	Br	O-amino acid
CF ₃	H	H	S	8-Methyladenine	Br	O-amino acid
CF ₃	H	H	S	8-Methylhypoxanthine	Br	O-amino acid
CF ₃	H	H	S	5-Fluoro-6-Methyluracil	Br	O-amino acid
CF ₃	H	H	S	5-Fluoro-6-Methylcytosine	Br	O-amino acid
CF ₃	H	H	S	2-Fluoro-8-methyladenine	Br	O-amino acid
CF ₃	H	H	S	2-Fluoro-8-methylhypoxanthine	Br	O-amino acid
CF ₃	H	H	S	2-Amino-8-methyladenine	Br	O-amino acid
CF ₃	H	H	S	2-Amino-8-methylhypoxanthine	Br	O-amino acid
CF ₃	H	H	S	2-N-acetyl-8-methylguanine	Br	O-amino acid
CF ₃	H	H	S	4-N-acetyl-8-methylcytosine	Br	O-amino acid
CF ₃	H	H	S	6-N-acetyl-8-methyladenine	Br	O-amino acid
CF ₃	H	H	S	4-N-acetyl-5-fluoro-8-methylcytosine	Br	O-amino acid
CF ₃	H	H	S	6-N-acetyl-2-fluoro-8-methyladenine	Br	O-amino acid
CF ₃	H	H	S	6-N-acetyl-2-amino-8-methyladenine	Br	O-amino acid
CF ₃	H	H	S	2-N-acetylamino-8-methyladenine	Br	O-amino acid
CF ₃	H	H	S	2-N-acetylamino-8-methylhypoxanthine	Br	O-amino acid
CF ₃	H	H	S	6-Methylthymine	Br	O-acyl
CF ₃	H	H	S	6-Methyluracil	Br	O-acyl
CF ₃	H	H	S	8-Methylguanine	Br	O-acyl
CF ₃	H	H	S	6-Methylcytosine	Br	O-acyl
CF ₃	H	H	S	8-Methyladenine	Br	O-acyl
CF ₃	H	H	S	8-Methylhypoxanthine	Br	O-acyl
CF ₃	H	H	S	5-Fluoro-6-Methyluracil	Br	O-acyl
CF ₃	H	H	S	5-Fluoro-6-Methylcytosine	Br	O-acyl
CF ₃	H	H	S	2-Fluoro-8-methyladenine	Br	O-acyl
CF ₃	H	H	S	2-Fluoro-8-methylhypoxanthine	Br	O-acyl
CF ₃	H	H	S	2-Amino-8-methyladenine	Br	O-acyl
CF ₃	H	H	S	2-Amino-8-methylhypoxanthine	Br	O-acyl
CF ₃	H	H	S	2-N-acetyl-8-methylguanine	Br	O-acyl
CF ₃	H	H	S	4-N-acetyl-8-methylcytosine	Br	O-acyl
CF ₃	H	H	S	6-N-acetyl-8-methyladenine	Br	O-acyl
CF ₃	H	H	S	4-N-acetyl-5-fluoro-8-methylcytosine	Br	O-acyl

TABLE 6-continued

R ⁶	R ⁷	R ⁸	X	Base	R ¹⁰	R ⁹
CF ₃	H	H	S	6-N-acetyl-2-fluoro-8-methyladenine	Br	O-acyl
CF ₃	H	H	S	6-N-acetyl-2-amino-8-methyladenine	Br	O-acyl
CF ₃	H	H	S	2-N-acetyl-amino-8-methyladenine	Br	O-acyl
CF ₃	H	H	S	2-N-acetyl-amino-8-methylhypoxanthine	Br	O-acyl
CF ₃	H	H	S	6-Methylthymine	Cl	O-amino acid
CF ₃	H	H	S	6-Methyluracil	Cl	O-amino acid
CF ₃	H	H	S	8-Methylguanine	Cl	O-amino acid
CF ₃	H	H	S	6-Methylcytosine	Cl	O-amino acid
CF ₃	H	H	S	8-Methyladenine	Cl	O-amino acid
CF ₃	H	H	S	8-Methylhypoxanthine	Cl	O-amino acid
CF ₃	H	H	S	5-Fluoro-6-Methyluracil	Cl	O-amino acid
CF ₃	H	H	S	5-Fluoro-6-Methylcytosine	Cl	O-amino acid
CF ₃	H	H	S	2-Fluoro-8-methyladenine	Cl	O-amino acid
CF ₃	H	H	S	2-Fluoro-8-methylhypoxanthine	Cl	O-amino acid
CF ₃	H	H	S	2-Amino-8-methyladenine	Cl	O-amino acid
CF ₃	H	H	S	2-Amino-8-methylhypoxanthine	Cl	O-amino acid
CF ₃	H	H	S	2-N-acetyl-8-methylguanine	Cl	O-amino acid
CF ₃	H	H	S	4-N-acetyl-8-methylcytosine	Cl	O-amino acid
CF ₃	H	H	S	6-N-acetyl-8-methyladenine	Cl	O-amino acid
CF ₃	H	H	S	4-N-acetyl-5-fluoro-8-methylcytosine	Cl	O-amino acid
CF ₃	H	H	S	6-N-acetyl-2-fluoro-8-methyladenine	Cl	O-amino acid
CF ₃	H	H	S	6-N-acetyl-2-amino-8-methyladenine	Cl	O-amino acid
CF ₃	H	H	S	2-N-acetyl-amino-8-methyladenine	Cl	O-amino acid
CF ₃	H	H	S	2-N-acetyl-amino-8-methylhypoxanthine	Cl	O-amino acid
CF ₃	H	H	S	6-Methylthymine	Cl	O-acyl
CF ₃	H	H	S	6-Methyluracil	Cl	O-acyl
CF ₃	H	H	S	8-Methylguanine	Cl	O-acyl
CF ₃	H	H	S	6-Methylcytosine	Cl	O-acyl
CF ₃	H	H	S	8-Methyladenine	Cl	O-acyl
CF ₃	H	H	S	8-Methylhypoxanthine	Cl	O-acyl
CF ₃	H	H	S	5-Fluoro-6-Methyluracil	Cl	O-acyl
CF ₃	H	H	S	5-Fluoro-6-Methylcytosine	Cl	O-acyl
CF ₃	H	H	S	2-Fluoro-8-methyladenine	Cl	O-acyl
CF ₃	H	H	S	2-Fluoro-8-methylhypoxanthine	Cl	O-acyl
CF ₃	H	H	S	2-Amino-8-methyladenine	Cl	O-acyl
CF ₃	H	H	S	2-Amino-8-methylhypoxanthine	Cl	O-acyl
CF ₃	H	H	S	2-N-acetyl-8-methylguanine	Cl	O-acyl
CF ₃	H	H	S	4-N-acetyl-8-methylcytosine	Cl	O-acyl
CF ₃	H	H	S	6-N-acetyl-8-methyladenine	Cl	O-acyl
CF ₃	H	H	S	4-N-acetyl-5-fluoro-8-methylcytosine	Cl	O-acyl
CF ₃	H	H	S	6-N-acetyl-2-fluoro-8-methyladenine	Cl	O-acyl
CF ₃	H	H	S	6-N-acetyl-2-amino-8-methyladenine	Cl	O-acyl
CF ₃	H	H	S	2-N-acetyl-amino-8-methyladenine	Cl	O-acyl
CF ₃	H	H	S	2-N-acetyl-amino-8-methylhypoxanthine	Cl	O-acyl
CF ₃	H	H	S	6-Methylthymine	H	O-amino acid
CF ₃	H	H	S	6-Methyluracil	H	O-amino acid
CF ₃	H	H	S	8-Methylguanine	H	O-amino acid
CF ₃	H	H	S	6-Methylcytosine	H	O-amino acid
CF ₃	H	H	S	8-Methyladenine	H	O-amino acid
CF ₃	H	H	S	8-Methylhypoxanthine	H	O-amino acid
CF ₃	H	H	S	5-Fluoro-6-Methyluracil	H	O-amino acid
CF ₃	H	H	S	5-Fluoro-6-Methylcytosine	H	O-amino acid
CF ₃	H	H	S	2-Fluoro-8-methyladenine	H	O-amino acid
CF ₃	H	H	S	2-Fluoro-8-methylhypoxanthine	H	O-amino acid
CF ₃	H	H	S	2-Amino-8-methyladenine	H	O-amino acid
CF ₃	H	H	S	2-Amino-8-methylhypoxanthine	H	O-amino acid
CF ₃	H	H	S	2-N-acetyl-8-methylguanine	H	O-amino acid
CF ₃	H	H	S	4-N-acetyl-8-methylcytosine	H	O-amino acid
CF ₃	H	H	S	6-N-acetyl-8-methyladenine	H	O-amino acid
CF ₃	H	H	S	4-N-acetyl-5-fluoro-8-methylcytosine	H	O-amino acid
CF ₃	H	H	S	6-N-acetyl-2-fluoro-8-methyladenine	H	O-amino acid
CF ₃	H	H	S	6-N-acetyl-2-amino-8-methyladenine	H	O-amino acid
CF ₃	H	H	S	2-N-acetyl-amino-8-methyladenine	H	O-amino acid
CF ₃	H	H	S	2-N-acetyl-amino-8-methylhypoxanthine	H	O-amino acid
CF ₃	H	H	S	6-Methylthymine	H	O-acyl
CF ₃	H	H	S	6-Methyluracil	H	O-acyl
CF ₃	H	H	S	8-Methylguanine	H	O-acyl
CF ₃	H	H	S	6-Methylcytosine	H	O-acyl
CF ₃	H	H	S	8-Methyladenine	H	O-acyl
CF ₃	H	H	S	8-Methylhypoxanthine	H	O-acyl
CF ₃	H	H	S	5-Fluoro-6-Methyluracil	H	O-acyl
CF ₃	H	H	S	5-Fluoro-6-Methylcytosine	H	O-acyl
CF ₃	H	H	S	2-Fluoro-8-methyladenine	H	O-acyl

TABLE 6-continued

R ⁶	R ⁷	R ⁸	X	Base	R ¹⁰	R ⁹
CF ₃	H	H	S	2-Fluoro-8-methylhypoxanthine	H	O-acyl
CF ₃	H	H	S	2-Amino-8-methyladenine	H	O-acyl
CF ₃	H	H	S	2-Amino-8-methylhypoxanthine	H	O-acyl
CF ₃	H	H	S	2-N-acetyl-8-methylguanine	H	O-acyl
CF ₃	H	H	S	4-N-acetyl-8-methylcytosine	H	O-acyl
CF ₃	H	H	S	6-N-acetyl-8-methyladenine	H	O-acyl
CF ₃	H	H	S	4-N-acetyl-5-fluoro-8-methylcytosine	H	O-acyl
CF ₃	H	H	S	6-N-acetyl-2-fluoro-8-methyladenine	H	O-acyl
CF ₃	H	H	S	6-N-acetyl-2-amino-8-methyladenine	H	O-acyl
CF ₃	H	H	S	2-N-acetylamino-8-methyladenine	H	O-acyl
CF ₃	H	H	S	2-N-acetylamino-8-methylhypoxanthine	H	O-acyl
CF ₃	H	OH	S	6-Methylthymine	F	O-amino acid
CF ₃	H	OH	S	6-Methyluracil	F	O-amino acid
CF ₃	H	OH	S	8-Methylguanine	F	O-amino acid
CF ₃	H	OH	S	6-Methylcytosine	F	O-amino acid
CF ₃	H	OH	S	8-Methyladenine	F	O-amino acid
CF ₃	H	OH	S	8-Methylhypoxanthine	F	O-amino acid
CF ₃	H	OH	S	5-Fluoro-6-Methyluracil	F	O-amino acid
CF ₃	H	OH	S	5-Fluoro-6-Methylcytosine	F	O-amino acid
CF ₃	H	OH	S	2-Fluoro-8-methyladenine	F	O-amino acid
CF ₃	H	OH	S	2-Fluoro-8-methylhypoxanthine	F	O-amino acid
CF ₃	H	OH	S	2-Amino-8-methyladenine	F	O-amino acid
CF ₃	H	OH	S	2-Amino-8-methylhypoxanthine	F	O-amino acid
CF ₃	H	OH	S	2-N-acetyl-8-methylguanine	F	O-amino acid
CF ₃	H	OH	S	4-N-acetyl-8-methylcytosine	F	O-amino acid
CF ₃	H	OH	S	6-N-acetyl-8-methyladenine	F	O-amino acid
CF ₃	H	OH	S	4-N-acetyl-5-fluoro-8-methylcytosine	F	O-amino acid
CF ₃	H	OH	S	6-N-acetyl-2-fluoro-8-methyladenine	F	O-amino acid
CF ₃	H	OH	S	6-N-acetyl-2-amino-8-methyladenine	F	O-amino acid
CF ₃	H	OH	S	2-N-acetylamino-8-methyladenine	F	O-amino acid
CF ₃	H	OH	S	2-N-acetylamino-8-methylhypoxanthine	F	O-amino acid
CF ₃	H	OH	S	6-Methylthymine	F	O-acyl
CF ₃	H	OH	S	6-Methyluracil	F	O-acyl
CF ₃	H	OH	S	8-Methylguanine	F	O-acyl
CF ₃	H	OH	S	6-Methylcytosine	F	O-acyl
CF ₃	H	OH	S	8-Methyladenine	F	O-acyl
CF ₃	H	OH	S	8-Methylhypoxanthine	F	O-acyl
CF ₃	H	OH	S	5-Fluoro-6-Methyluracil	F	O-acyl
CF ₃	H	OH	S	5-Fluoro-6-Methylcytosine	F	O-acyl
CF ₃	H	OH	S	2-Fluoro-8-methyladenine	F	O-acyl
CF ₃	H	OH	S	2-Fluoro-8-methylhypoxanthine	F	O-acyl
CF ₃	H	OH	S	2-Amino-8-methyladenine	F	O-acyl
CF ₃	H	OH	S	2-Amino-8-methylhypoxanthine	F	O-acyl
CF ₃	H	OH	S	2-N-acetyl-8-methylguanine	F	O-acyl
CF ₃	H	OH	S	4-N-acetyl-8-methylcytosine	F	O-acyl
CF ₃	H	OH	S	6-N-acetyl-8-methyladenine	F	O-acyl
CF ₃	H	OH	S	4-N-acetyl-5-fluoro-8-methylcytosine	F	O-acyl
CF ₃	H	OH	S	6-N-acetyl-2-fluoro-8-methyladenine	F	O-acyl
CF ₃	H	OH	S	6-N-acetyl-2-amino-8-methyladenine	F	O-acyl
CF ₃	H	OH	S	2-N-acetylamino-8-methyladenine	F	O-acyl
CF ₃	H	OH	S	2-N-acetylamino-8-methylhypoxanthine	F	O-acyl
CF ₃	H	OH	S	6-Methylthymine	Br	O-amino acid
CF ₃	H	OH	S	6-Methyluracil	Br	O-amino acid
CF ₃	H	OH	S	8-Methylguanine	Br	O-amino acid
CF ₃	H	OH	S	6-Methylcytosine	Br	O-amino acid
CF ₃	H	OH	S	8-Methyladenine	Br	O-amino acid
CF ₃	H	OH	S	8-Methylhypoxanthine	Br	O-amino acid
CF ₃	H	OH	S	5-Fluoro-6-Methyluracil	Br	O-amino acid
CF ₃	H	OH	S	5-Fluoro-6-Methylcytosine	Br	O-amino acid
CF ₃	H	OH	S	2-Fluoro-8-methyladenine	Br	O-amino acid
CF ₃	H	OH	S	2-Fluoro-8-methylhypoxanthine	Br	O-amino acid
CF ₃	H	OH	S	2-Amino-8-methyladenine	Br	O-amino acid
CF ₃	H	OH	S	2-Amino-8-methylhypoxanthine	Br	O-amino acid
CF ₃	H	OH	S	2-N-acetyl-8-methylguanine	Br	O-amino acid
CF ₃	H	OH	S	4-N-acetyl-8-methylcytosine	Br	O-amino acid
CF ₃	H	OH	S	6-N-acetyl-8-methyladenine	Br	O-amino acid
CF ₃	H	OH	S	4-N-acetyl-5-fluoro-8-methylcytosine	Br	O-amino acid
CF ₃	H	OH	S	6-N-acetyl-2-fluoro-8-methyladenine	Br	O-amino acid
CF ₃	H	OH	S	6-N-acetyl-2-amino-8-methyladenine	Br	O-amino acid
CF ₃	H	OH	S	2-N-acetylamino-8-methyladenine	Br	O-amino acid
CF ₃	H	OH	S	2-N-acetylamino-8-methylhypoxanthine	Br	O-amino acid
CF ₃	H	OH	S	6-Methylthymine	Br	O-acyl
CF ₃	H	OH	S	6-Methyluracil	Br	O-acyl

TABLE 6-continued

R ⁶	R ⁷	R ⁸	X	Base	R ¹⁰	R ⁹
CF ₃	H	OH	S	8-Methylguanine	Br	O-acyl
CF ₃	H	OH	S	6-Methylcytosine	Br	O-acyl
CF ₃	H	OH	S	8-Methyladenine	Br	O-acyl
CF ₃	H	OH	S	8-Methylhypoxanthine	Br	O-acyl
CF ₃	H	OH	S	5-Fluoro-6-Methyluracil	Br	O-acyl
CF ₃	H	OH	S	5-Fluoro-6-Methylcytosine	Br	O-acyl
CF ₃	H	OH	S	2-Fluoro-8-methyladenine	Br	O-acyl
CF ₃	H	OH	S	2-Fluoro-8-methylhypoxanthine	Br	O-acyl
CF ₃	H	OH	S	2-Amino-8-methyladenine	Br	O-acyl
CF ₃	H	OH	S	2-Amino-8-methylhypoxanthine	Br	O-acyl
CF ₃	H	OH	S	2-N-acetyl-8-methylguanine	Br	O-acyl
CF ₃	H	OH	S	4-N-acetyl-8-methylcytosine	Br	O-acyl
CF ₃	H	OH	S	6-N-acetyl-8-methyladenine	Br	O-acyl
CF ₃	H	OH	S	4-N-acetyl-5-fluoro-8-methylcytosine	Br	O-acyl
CF ₃	H	OH	S	6-N-acetyl-2-fluoro-8-methyladenine	Br	O-acyl
CF ₃	H	OH	S	6-N-acetyl-2-amino-8-methyladenine	Br	O-acyl
CF ₃	H	OH	S	2-N-acetylamino-8-methyladenine	Br	O-acyl
CF ₃	H	OH	S	2-N-acetylamino-8-methylhypoxanthine	Br	O-acyl
CF ₃	H	OH	S	6-Methylthymine	Cl	O-amino acid
CF ₃	H	OH	S	6-Methyluracil	Cl	O-amino acid
CF ₃	H	OH	S	8-Methylguanine	Cl	O-amino acid
CF ₃	H	OH	S	6-Methylcytosine	Cl	O-amino acid
CF ₃	H	OH	S	8-Methyladenine	Cl	O-amino acid
CF ₃	H	OH	S	8-Methylhypoxanthine	Cl	O-amino acid
CF ₃	H	OH	S	5-Fluoro-6-Methyluracil	Cl	O-amino acid
CF ₃	H	OH	S	5-Fluoro-6-Methylcytosine	Cl	O-amino acid
CF ₃	H	OH	S	2-Fluoro-8-methyladenine	Cl	O-amino acid
CF ₃	H	OH	S	2-Fluoro-8-methylhypoxanthine	Cl	O-amino acid
CF ₃	H	OH	S	2-Amino-8-methyladenine	Cl	O-amino acid
CF ₃	H	OH	S	2-Amino-8-methylhypoxanthine	Cl	O-amino acid
CF ₃	H	OH	S	2-N-acetyl-8-methylguanine	Cl	O-amino acid
CF ₃	H	OH	S	4-N-acetyl-8-methylcytosine	Cl	O-amino acid
CF ₃	H	OH	S	6-N-acetyl-8-methyladenine	Cl	O-amino acid
CF ₃	H	OH	S	4-N-acetyl-5-fluoro-8-methylcytosine	Cl	O-amino acid
CF ₃	H	OH	S	6-N-acetyl-2-fluoro-8-methyladenine	Cl	O-amino acid
CF ₃	H	OH	S	6-N-acetyl-2-amino-8-methyladenine	Cl	O-amino acid
CF ₃	H	OH	S	2-N-acetylamino-8-methyladenine	Cl	O-amino acid
CF ₃	H	OH	S	2-N-acetylamino-8-methylhypoxanthine	Cl	O-amino acid
CF ₃	H	OH	S	6-Methylthymine	Cl	O-acyl
CF ₃	H	OH	S	6-Methyluracil	Cl	O-acyl
CF ₃	H	OH	S	8-Methylguanine	Cl	O-acyl
CF ₃	H	OH	S	6-Methylcytosine	Cl	O-acyl
CF ₃	H	OH	S	8-Methyladenine	Cl	O-acyl
CF ₃	H	OH	S	8-Methylhypoxanthine	Cl	O-acyl
CF ₃	H	OH	S	5-Fluoro-6-Methyluracil	Cl	O-acyl
CF ₃	H	OH	S	5-Fluoro-6-Methylcytosine	Cl	O-acyl
CF ₃	H	OH	S	2-Fluoro-8-methyladenine	Cl	O-acyl
CF ₃	H	OH	S	2-Fluoro-8-methylhypoxanthine	Cl	O-acyl
CF ₃	H	OH	S	2-Amino-8-methyladenine	Cl	O-acyl
CF ₃	H	OH	S	2-Amino-8-methylhypoxanthine	Cl	O-acyl
CF ₃	H	OH	S	2-N-acetyl-8-methylguanine	Cl	O-acyl
CF ₃	H	OH	S	4-N-acetyl-8-methylcytosine	Cl	O-acyl
CF ₃	H	OH	S	6-N-acetyl-8-methyladenine	Cl	O-acyl
CF ₃	H	OH	S	4-N-acetyl-5-fluoro-8-methylcytosine	Cl	O-acyl
CF ₃	H	OH	S	6-N-acetyl-2-fluoro-8-methyladenine	Cl	O-acyl
CF ₃	H	OH	S	6-N-acetyl-2-amino-8-methyladenine	Cl	O-acyl
CF ₃	H	OH	S	2-N-acetylamino-8-methyladenine	Cl	O-acyl
CF ₃	H	OH	S	2-N-acetylamino-8-methylhypoxanthine	Cl	O-acyl
CF ₃	H	OH	S	6-Methylthymine	H	O-amino acid
CF ₃	H	OH	S	6-Methyluracil	H	O-amino acid
CF ₃	H	OH	S	8-Methylguanine	H	O-amino acid
CF ₃	H	OH	S	6-Methylcytosine	H	O-amino acid
CF ₃	H	OH	S	8-Methyladenine	H	O-amino acid
CF ₃	H	OH	S	8-Methylhypoxanthine	H	O-amino acid
CF ₃	H	OH	S	5-Fluoro-6-Methyluracil	H	O-amino acid
CF ₃	H	OH	S	5-Fluoro-6-Methylcytosine	H	O-amino acid
CF ₃	H	OH	S	2-Fluoro-8-methyladenine	H	O-amino acid
CF ₃	H	OH	S	2-Fluoro-8-methylhypoxanthine	H	O-amino acid
CF ₃	H	OH	S	2-Amino-8-methyladenine	H	O-amino acid
CF ₃	H	OH	S	2-Amino-8-methylhypoxanthine	H	O-amino acid
CF ₃	H	OH	S	2-N-acetyl-8-methylguanine	H	O-amino acid
CF ₃	H	OH	S	4-N-acetyl-8-methylcytosine	H	O-amino acid
CF ₃	H	OH	S	6-N-acetyl-8-methyladenine	H	O-amino acid
CF ₃	H	OH	S	4-N-acetyl-5-fluoro-8-methylcytosine	H	O-amino acid

TABLE 6-continued

R ⁶	R ⁷	R ⁸	X	Base	R ¹⁰	R ⁹
CF ₃	H	OH	S	6-N-acetyl-2-fluoro-8-methyladenine	H	O-amino acid
CF ₃	H	OH	S	6-N-acetyl-2-amino-8-methyladenine	H	O-amino acid
CF ₃	H	OH	S	2-N-acetyl-amino-8-methyladenine	H	O-amino acid
CF ₃	H	OH	S	2-N-acetyl-amino-8-methylhypoxanthine	H	O-amino acid
CF ₃	H	OH	S	6-Methylthymine	H	O-acyl
CF ₃	H	OH	S	6-Methyluracil	H	O-acyl
CF ₃	H	OH	S	8-Methylguanine	H	O-acyl
CF ₃	H	OH	S	6-Methylcytosine	H	O-acyl
CF ₃	H	OH	S	8-Methyladenine	H	O-acyl
CF ₃	H	OH	S	8-Methylhypoxanthine	H	O-acyl
CF ₃	H	OH	S	5-Fluoro-6-Methyluracil	H	O-acyl
CF ₃	H	OH	S	5-Fluoro-6-Methylcytosine	H	O-acyl
CF ₃	H	OH	S	2-Fluoro-8-methyladenine	H	O-acyl
CF ₃	H	OH	S	2-Fluoro-8-methylhypoxanthine	H	O-acyl
CF ₃	H	OH	S	2-Amino-8-methyladenine	H	O-acyl
CF ₃	H	OH	S	2-Amino-8-methylhypoxanthine	H	O-acyl
CF ₃	H	OH	S	2-N-acetyl-8-methylguanine	H	O-acyl
CF ₃	H	OH	S	4-N-acetyl-8-methylcytosine	H	O-acyl
CF ₃	H	OH	S	6-N-acetyl-8-methyladenine	H	O-acyl
CF ₃	H	OH	S	4-N-acetyl-5-fluoro-8-methylcytosine	H	O-acyl
CF ₃	H	OH	S	6-N-acetyl-2-fluoro-8-methyladenine	H	O-acyl
CF ₃	H	OH	S	6-N-acetyl-2-amino-8-methyladenine	H	O-acyl
CF ₃	H	OH	S	2-N-acetyl-amino-8-methyladenine	H	O-acyl
CF ₃	H	OH	S	2-N-acetyl-amino-8-methylhypoxanthine	H	O-acyl

TABLE 7

R ²	R ³	X ¹	X ²	Y
acyl	H	CH ₃	Br	H
acyl	H	CH ₃	Br	NH ₂
acyl	H	CH ₃	Br	NH-cyclopropyl
acyl	H	CH ₃	Br	NH-methyl
acyl	H	CH ₃	Br	NH-ethyl
acyl	H	CH ₃	Br	NH-acetyl
acyl	H	CH ₃	Br	OH
acyl	H	CH ₃	Br	OMe
acyl	H	CH ₃	Br	OEt
acyl	H	CH ₃	Br	O-cyclopropyl
acyl	H	CH ₃	Br	O-acetyl
acyl	H	CH ₃	Br	SH
acyl	H	CH ₃	Br	SMe
acyl	H	CH ₃	Br	SEt
acyl	H	CH ₃	Br	S-cyclopropyl
acyl	H	CH ₃	Br	F
acyl	H	CH ₃	Br	Cl
acyl	H	CH ₃	Br	Br
acyl	H	CH ₃	Br	I
acyl	acyl	CH ₃	Br	H
acyl	acyl	CH ₃	Br	NH ₂
acyl	acyl	CH ₃	Br	NH-cyclopropyl
acyl	acyl	CH ₃	Br	NH-methyl
acyl	acyl	CH ₃	Br	NH-ethyl
acyl	acyl	CH ₃	Br	NH-acetyl
acyl	acyl	CH ₃	Br	OH
acyl	acyl	CH ₃	Br	OMe
acyl	acyl	CH ₃	Br	OEt
acyl	acyl	CH ₃	Br	O-cyclopropyl
acyl	acyl	CH ₃	Br	O-acetyl
acyl	acyl	CH ₃	Br	SH
acyl	acyl	CH ₃	Br	SMe
acyl	acyl	CH ₃	Br	SEt
acyl	acyl	CH ₃	Br	S-cyclopropyl
acyl	acyl	CH ₃	Br	F
acyl	acyl	CH ₃	Br	Cl
acyl	acyl	CH ₃	Br	Br
acyl	acyl	CH ₃	Br	I
acyl	acyl	CH ₃	Br	H
acyl	acyl	CH ₃	Br	NH ₂
acyl	acyl	CH ₃	Br	NH-cyclopropyl
acyl	acyl	CH ₃	Br	NH-methyl
acyl	acyl	CH ₃	Br	NH-ethyl
acyl	acyl	CH ₃	Br	NH-acetyl
acyl	acyl	CH ₃	Br	OH
acyl	acyl	CH ₃	Br	OMe

TABLE 7-continued

R ²	R ³	X ¹	X ²	Y
acyl	amino acid	CH ₃	Br	NH-ethyl
acyl	amino acid	CH ₃	Br	NH-acetyl
acyl	amino acid	CH ₃	Br	OH
acyl	amino acid	CH ₃	Br	OMe
acyl	amino acid	CH ₃	Br	OEt
acyl	amino acid	CH ₃	Br	O-cyclopropyl
acyl	amino acid	CH ₃	Br	O-acetyl
acyl	amino acid	CH ₃	Br	SH
acyl	amino acid	CH ₃	Br	SMe
acyl	amino acid	CH ₃	Br	SEt
acyl	amino acid	CH ₃	Br	S-cyclopropyl
acyl	amino acid	CH ₃	Br	F
acyl	amino acid	CH ₃	Br	Cl
acyl	amino acid	CH ₃	Br	Br
acyl	amino acid	CH ₃	Br	I
acyl	amino acid	CH ₃	Br	H
acyl	amino acid	CH ₃	Br	NH ₂
acyl	amino acid	CH ₃	Br	NH-cyclopropyl
acyl	amino acid	CH ₃	Br	NH-methyl
acyl	amino acid	CH ₃	Br	NH-ethyl
acyl	amino acid	CH ₃	Br	NH-acetyl
acyl	amino acid	CH ₃	Br	OH
acyl	amino acid	CH ₃	Br	OMe
acyl	amino acid	CH ₃	Br	OEt
acyl	amino acid	CH ₃	Br	O-cyclopropyl
acyl	amino acid	CH ₃	Br	O-acetyl
acyl	amino acid	CH ₃	Br	SH
acyl	amino acid	CH ₃	Br	SMe
acyl	amino acid	CH ₃	Br	SEt
acyl	amino acid	CH ₃	Br	S-cyclopropyl
acyl	amino acid	CH ₃	Br	F
acyl	amino acid	CH ₃	Br	Cl
acyl	amino acid	CH ₃	Br	Br
acyl	amino acid	CH ₃	Br	I
acyl	amino acid	CH ₃	Br	H
acyl	amino acid	CH ₃	Br	NH ₂
acyl	amino acid	CH ₃	Br	NH-cyclopropyl
acyl	amino acid	CH ₃	Br	NH-methyl
acyl	amino acid	CH ₃	Br	NH-ethyl
acyl	amino acid	CH ₃	Br	NH-acetyl
acyl	amino acid	CH ₃	Br	OH
acyl	amino acid	CH ₃	Br	OMe

TABLE 7-continued

R ²	R ³	X ¹	X ²	Y
H	amino acid	CH ₃	Br	OEt
H	amino acid	CH ₃	Br	O-cyclopropyl
H	amino acid	CH ₃	Br	O-acetyl
H	amino acid	CH ₃	Br	SH
H	amino acid	CH ₃	Br	SMe
H	amino acid	CH ₃	Br	SEt
H	amino acid	CH ₃	Br	S-cyclopropyl
H	amino acid	CH ₃	Br	F
H	amino acid	CH ₃	Br	Cl
H	amino acid	CH ₃	Br	Br
H	amino acid	CH ₃	Br	I
amino acid	amino acid	CH ₃	Br	H
amino acid	amino acid	CH ₃	Br	NH ₂
amino acid	amino acid	CH ₃	Br	NH-cyclopropyl
amino acid	amino acid	CH ₃	Br	NH-methyl
amino acid	amino acid	CH ₃	Br	NH-ethyl
amino acid	amino acid	CH ₃	Br	NH-acetyl
amino acid	amino acid	CH ₃	Br	OH
amino acid	amino acid	CH ₃	Br	OMe
amino acid	amino acid	CH ₃	Br	OEt
amino acid	amino acid	CH ₃	Br	O-cyclopropyl
amino acid	amino acid	CH ₃	Br	O-acetyl
amino acid	amino acid	CH ₃	Br	SH
amino acid	amino acid	CH ₃	Br	SMe
amino acid	amino acid	CH ₃	Br	SEt
amino acid	amino acid	CH ₃	Br	S-cyclopropyl
amino acid	amino acid	CH ₃	Br	F
amino acid	amino acid	CH ₃	Br	Cl
amino acid	amino acid	CH ₃	Br	Br
amino acid	amino acid	CH ₃	Br	I
amino acid	amino acid	CH ₃	Br	H
amino acid	H	CH ₃	Br	H
amino acid	H	CH ₃	Br	NH ₂
amino acid	H	CH ₃	Br	NH-cyclopropyl
amino acid	H	CH ₃	Br	NH-methyl
amino acid	H	CH ₃	Br	NH-ethyl
amino acid	H	CH ₃	Br	NH-acetyl
amino acid	H	CH ₃	Br	OH
amino acid	H	CH ₃	Br	OMe
amino acid	H	CH ₃	Br	OEt
amino acid	H	CH ₃	Br	O-cyclopropyl
amino acid	H	CH ₃	Br	O-acetyl
amino acid	H	CH ₃	Br	SH
amino acid	H	CH ₃	Br	SMe
amino acid	H	CH ₃	Br	SEt
amino acid	H	CH ₃	Br	S-cyclopropyl
amino acid	H	CH ₃	Br	F
amino acid	H	CH ₃	Br	Cl
amino acid	H	CH ₃	Br	Br
amino acid	H	CH ₃	Br	I
amino acid	H	CH ₃	Br	H
amino acid	acyl	CH ₃	Br	H
amino acid	acyl	CH ₃	Br	NH ₂
amino acid	acyl	CH ₃	Br	NH-cyclopropyl
amino acid	acyl	CH ₃	Br	NH-methyl
amino acid	acyl	CH ₃	Br	NH-ethyl
amino acid	acyl	CH ₃	Br	NH-acetyl
amino acid	acyl	CH ₃	Br	OH
amino acid	acyl	CH ₃	Br	OMe
amino acid	acyl	CH ₃	Br	OEt
amino acid	acyl	CH ₃	Br	O-cyclopropyl
amino acid	acyl	CH ₃	Br	O-acetyl
amino acid	acyl	CH ₃	Br	SH
amino acid	acyl	CH ₃	Br	SMe
amino acid	acyl	CH ₃	Br	SEt
amino acid	acyl	CH ₃	Br	S-cyclopropyl
amino acid	acyl	CH ₃	Br	F
amino acid	acyl	CH ₃	Br	Cl
amino acid	acyl	CH ₃	Br	Br
amino acid	acyl	CH ₃	Br	I
acyl	H	CF ₃	Br	NH ₂
acyl	H	CF ₃	Br	NH-cyclopropyl
acyl	H	CF ₃	Br	NH-methyl
acyl	H	CF ₃	Br	NH-ethyl
acyl	H	CF ₃	Br	NH-acetyl
acyl	H	CF ₃	Br	OH
acyl	H	CF ₃	Br	OMe
acyl	H	CF ₃	Br	OEt
acyl	H	CF ₃	Br	O-cyclopropyl

TABLE 7-continued

R ²	R ³	X ¹	X ²	Y	
5	acyl	H	CF ₃	Br	O-cyclopropyl
	acyl	H	CF ₃	Br	O-acetyl
	acyl	H	CF ₃	Br	SH
	acyl	H	CF ₃	Br	SMe
	acyl	H	CF ₃	Br	SEt
	acyl	H	CF ₃	Br	S-cyclopropyl
10	acyl	H	CF ₃	Br	F
	acyl	H	CF ₃	Br	Cl
	acyl	H	CF ₃	Br	Br
	acyl	H	CF ₃	Br	I
	acyl	acyl	CF ₃	Br	H
	acyl	acyl	CF ₃	Br	NH ₂
15	acyl	acyl	CF ₃	Br	NH-cyclopropyl
	acyl	acyl	CF ₃	Br	NH-methyl
	acyl	acyl	CF ₃	Br	NH-ethyl
	acyl	acyl	CF ₃	Br	NH-acetyl
	acyl	acyl	CF ₃	Br	OH
	acyl	acyl	CF ₃	Br	OMe
20	acyl	acyl	CF ₃	Br	OEt
	acyl	acyl	CF ₃	Br	O-cyclopropyl
	acyl	acyl	CF ₃	Br	O-acetyl
	acyl	acyl	CF ₃	Br	SH
	acyl	acyl	CF ₃	Br	SMe
	acyl	acyl	CF ₃	Br	SEt
25	acyl	acyl	CF ₃	Br	S-cyclopropyl
	acyl	acyl	CF ₃	Br	F
	acyl	acyl	CF ₃	Br	Cl
	acyl	acyl	CF ₃	Br	Br
	acyl	acyl	CF ₃	Br	I
	acyl	amino acid	CF ₃	Br	H
30	acyl	amino acid	CF ₃	Br	NH ₂
	acyl	amino acid	CF ₃	Br	NH-cyclopropyl
	acyl	amino acid	CF ₃	Br	NH-methyl
	acyl	amino acid	CF ₃	Br	NH-ethyl
	acyl	amino acid	CF ₃	Br	NH-acetyl
	acyl	amino acid	CF ₃	Br	OH
35	acyl	amino acid	CF ₃	Br	OMe
	acyl	amino acid	CF ₃	Br	OEt
	acyl	amino acid	CF ₃	Br	O-cyclopropyl
	acyl	amino acid	CF ₃	Br	O-acetyl
	acyl	amino acid	CF ₃	Br	SH
	acyl	amino acid	CF ₃	Br	SMe
40	acyl	amino acid	CF ₃	Br	SEt
	acyl	amino acid	CF ₃	Br	S-cyclopropyl
	acyl	amino acid	CF ₃	Br	F
	acyl	amino acid	CF ₃	Br	Cl
	acyl	amino acid	CF ₃	Br	Br
	acyl	amino acid	CF ₃	Br	I
45	H	acyl	CF ₃	Br	H
	H	acyl	CF ₃	Br	NH ₂
	H	acyl	CF ₃	Br	NH-cyclopropyl
	H	acyl	CF ₃	Br	NH-methyl
	H	acyl	CF ₃	Br	NH-ethyl
	H	acyl	CF ₃	Br	NH-acetyl
50	H	acyl	CF ₃	Br	OH
	H	acyl	CF ₃	Br	OMe
	H	acyl	CF ₃	Br	OEt
	H	acyl	CF ₃	Br	O-cyclopropyl
	H	acyl	CF ₃	Br	O-acetyl
	H	acyl	CF ₃	Br	SH
55	H	acyl	CF ₃	Br	SMe
	H	acyl	CF ₃	Br	SEt
	H	acyl	CF ₃	Br	S-cyclopropyl
	H	acyl	CF ₃	Br	F
	H	acyl	CF ₃	Br	Cl
	H	acyl	CF ₃	Br	Br
60	H	acyl	CF ₃	Br	I
	H	amino acid	CF ₃	Br	H
	H	amino acid	CF ₃	Br	NH ₂
	H	amino acid	CF ₃	Br	NH-cyclopropyl
	H	amino acid	CF ₃	Br	NH-methyl
	H	amino acid	CF ₃	Br	NH-ethyl
65	H	amino acid	CF ₃	Br	NH-acetyl
	H	amino acid	CF ₃	Br	OH
	H	amino acid	CF ₃	Br	OMe
	H	amino acid	CF ₃	Br	OEt
	H	amino acid	CF ₃	Br	O-cyclopropyl

TABLE 7-continued

R ²	R ³	X ¹	X ²	Y
H	amino acid	CF ₃	Br	O-acetyl
H	amino acid	CF ₃	Br	SH
H	amino acid	CF ₃	Br	SMe
H	amino acid	CF ₃	Br	SEt
H	amino acid	CF ₃	Br	S-cyclopropyl
H	amino acid	CF ₃	Br	F
H	amino acid	CF ₃	Br	Cl
H	amino acid	CF ₃	Br	Br
H	amino acid	CF ₃	Br	I
amino acid	amino acid	CF ₃	Br	H
amino acid	amino acid	CF ₃	Br	NH ₂
amino acid	amino acid	CF ₃	Br	NH-cyclopropyl
amino acid	amino acid	CF ₃	Br	NH-methyl
amino acid	amino acid	CF ₃	Br	NH-ethyl
amino acid	amino acid	CF ₃	Br	NH-acetyl
amino acid	amino acid	CF ₃	Br	OH
amino acid	amino acid	CF ₃	Br	OMe
amino acid	amino acid	CF ₃	Br	OEt
amino acid	amino acid	CF ₃	Br	O-cyclopropyl
amino acid	amino acid	CF ₃	Br	O-acetyl
amino acid	amino acid	CF ₃	Br	SH
amino acid	amino acid	CF ₃	Br	SMe
amino acid	amino acid	CF ₃	Br	SEt
amino acid	amino acid	CF ₃	Br	S-cyclopropyl
amino acid	amino acid	CF ₃	Br	F
amino acid	amino acid	CF ₃	Br	Cl
amino acid	amino acid	CF ₃	Br	Br
amino acid	amino acid	CF ₃	Br	I
amino acid	H	CF ₃	Br	H
amino acid	H	CF ₃	Br	NH ₂
amino acid	H	CF ₃	Br	NH-cyclopropyl
amino acid	H	CF ₃	Br	NH-methyl
amino acid	H	CF ₃	Br	NH-ethyl
amino acid	H	CF ₃	Br	NH-acetyl
amino acid	H	CF ₃	Br	OH
amino acid	H	CF ₃	Br	OMe
amino acid	H	CF ₃	Br	OEt
amino acid	H	CF ₃	Br	O-cyclopropyl
amino acid	H	CF ₃	Br	O-acetyl
amino acid	H	CF ₃	Br	SH
amino acid	H	CF ₃	Br	SMe
amino acid	H	CF ₃	Br	SEt
amino acid	H	CF ₃	Br	S-cyclopropyl
amino acid	H	CF ₃	Br	F
amino acid	H	CF ₃	Br	Cl
amino acid	H	CF ₃	Br	Br
amino acid	H	CF ₃	Br	I
amino acid	acyl	CF ₃	Br	H
amino acid	acyl	CF ₃	Br	NH ₂
amino acid	acyl	CF ₃	Br	NH-cyclopropyl
amino acid	acyl	CF ₃	Br	NH-methyl
amino acid	acyl	CF ₃	Br	NH-ethyl
amino acid	acyl	CF ₃	Br	NH-acetyl
amino acid	acyl	CF ₃	Br	OH
amino acid	acyl	CF ₃	Br	OMe
amino acid	acyl	CF ₃	Br	OEt
amino acid	acyl	CF ₃	Br	O-cyclopropyl
amino acid	acyl	CF ₃	Br	O-acetyl
amino acid	acyl	CF ₃	Br	SH
amino acid	acyl	CF ₃	Br	SMe
amino acid	acyl	CF ₃	Br	SEt
amino acid	acyl	CF ₃	Br	S-cyclopropyl
amino acid	acyl	CF ₃	Br	F
amino acid	acyl	CF ₃	Br	Cl
amino acid	acyl	CF ₃	Br	Br
amino acid	acyl	CF ₃	Br	I
acyl	H	Br	Br	H
acyl	H	Br	Br	NH ₂
acyl	H	Br	Br	NH-cyclopropyl
acyl	H	Br	Br	NH-methyl
acyl	H	Br	Br	NH-ethyl
acyl	H	Br	Br	NH-acetyl
acyl	H	Br	Br	OH
acyl	H	Br	Br	OMe
acyl	H	Br	Br	OEt
acyl	H	Br	Br	O-cyclopropyl
acyl	H	Br	Br	O-acetyl

TABLE 7-continued

	R ²	R ³	X ¹	X ²	Y
5	acyl	H	Br	Br	SH
	acyl	H	Br	Br	SMe
	acyl	H	Br	Br	SEt
	acyl	H	Br	Br	S-cyclopropyl
	acyl	H	Br	Br	F
	acyl	H	Br	Br	Cl
10	acyl	H	Br	Br	Br
	acyl	H	Br	Br	I
	acyl	acyl	Br	Br	H
	acyl	acyl	Br	Br	NH ₂
	acyl	acyl	Br	Br	NH-cyclopropyl
	acyl	acyl	Br	Br	NH-methyl
15	acyl	acyl	Br	Br	NH-ethyl
	acyl	acyl	Br	Br	NH-acetyl
	acyl	acyl	Br	Br	OH
	acyl	acyl	Br	Br	OMe
	acyl	acyl	Br	Br	OEt
	acyl	acyl	Br	Br	O-cyclopropyl
20	acyl	acyl	Br	Br	O-acetyl
	acyl	acyl	Br	Br	SH
	acyl	acyl	Br	Br	SMe
	acyl	acyl	Br	Br	SEt
	acyl	acyl	Br	Br	S-cyclopropyl
	acyl	acyl	Br	Br	F
	acyl	acyl	Br	Br	Cl
25	acyl	acyl	Br	Br	Br
	acyl	acyl	Br	Br	I
	acyl	acyl	Br	Br	H
	acyl	amino acid	Br	Br	NH ₂
	acyl	amino acid	Br	Br	NH-cyclopropyl
	acyl	amino acid	Br	Br	NH-methyl
30	acyl	amino acid	Br	Br	NH-ethyl
	acyl	amino acid	Br	Br	NH-acetyl
	acyl	amino acid	Br	Br	OH
	acyl	amino acid	Br	Br	OMe
	acyl	amino acid	Br	Br	OEt
	acyl	amino acid	Br	Br	O-cyclopropyl
35	acyl	amino acid	Br	Br	O-acetyl
	acyl	amino acid	Br	Br	SH
	acyl	amino acid	Br	Br	SMe
	acyl	amino acid	Br	Br	SEt
	acyl	amino acid	Br	Br	S-cyclopropyl
	acyl	amino acid	Br	Br	F
	acyl	amino acid	Br	Br	Cl
40	acyl	amino acid	Br	Br	Br
	acyl	amino acid	Br	Br	I
	H	acyl	Br	Br	H
	H	acyl	Br	Br	NH ₂
	H	acyl	Br	Br	NH-cyclopropyl
45	H	acyl	Br	Br	NH-methyl
	H	acyl	Br	Br	NH-ethyl
	H	acyl	Br	Br	NH-acetyl
	H	acyl	Br	Br	OH
	H	acyl	Br	Br	OMe
	H	acyl	Br	Br	OEt
	H	acyl	Br	Br	O-cyclopropyl
50	H	acyl	Br	Br	O-acetyl
	H	acyl	Br	Br	SH
	H	acyl	Br	Br	SMe
	H	acyl	Br	Br	SEt
	H	acyl	Br	Br	S-cyclopropyl
	H	acyl	Br	Br	F
	H	acyl	Br	Br	Cl
55	H	acyl	Br	Br	Br
	H	acyl	Br	Br	I
	H	acyl	Br	Br	H
	H	amino acid	Br	Br	NH ₂
	H	amino acid	Br	Br	NH-cyclopropyl
	H	amino acid	Br	Br	NH-methyl
60	H	amino acid	Br	Br	NH-ethyl
	H	amino acid	Br	Br	NH-acetyl
	H	amino acid	Br	Br	OH
	H	amino acid	Br	Br	OMe
	H	amino acid	Br	Br	OEt
	H	amino acid	Br	Br	O-cyclopropyl
65	H	amino acid	Br	Br	O-acetyl
	H	amino acid	Br	Br	SH

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TABLE 7-continued

R ²	R ³	X ¹	X ²	Y
H	amino acid	Br	Br	SMe
H	amino acid	Br	Br	SEt
H	amino acid	Br	Br	S-cyclopropyl
H	amino acid	Br	Br	F
H	amino acid	Br	Br	Cl
H	amino acid	Br	Br	Br
H	amino acid	Br	Br	I
amino acid	amino acid	Br	Br	H
amino acid	amino acid	Br	Br	NH ₂
amino acid	amino acid	Br	Br	NH-cyclopropyl
amino acid	amino acid	Br	Br	NH-methyl
amino acid	amino acid	Br	Br	NH-ethyl
amino acid	amino acid	Br	Br	NH-acetyl
amino acid	amino acid	Br	Br	OH
amino acid	amino acid	Br	Br	OMe
amino acid	amino acid	Br	Br	OEt
amino acid	amino acid	Br	Br	O-cyclopropyl
amino acid	amino acid	Br	Br	O-acetyl
amino acid	amino acid	Br	Br	SH
amino acid	amino acid	Br	Br	SMe
amino acid	amino acid	Br	Br	SEt
amino acid	amino acid	Br	Br	S-cyclopropyl
amino acid	amino acid	Br	Br	F
amino acid	amino acid	Br	Br	Cl
amino acid	amino acid	Br	Br	Br
amino acid	amino acid	Br	Br	I
amino acid	H	Br	Br	H
amino acid	H	Br	Br	NH ₂
amino acid	H	Br	Br	NH-cyclopropyl
amino acid	H	Br	Br	NH-methyl
amino acid	H	Br	Br	NH-ethyl
amino acid	H	Br	Br	NH-acetyl
amino acid	H	Br	Br	OH
amino acid	H	Br	Br	OMe
amino acid	H	Br	Br	OEt
amino acid	H	Br	Br	O-cyclopropyl
amino acid	H	Br	Br	O-acetyl
amino acid	H	Br	Br	SH
amino acid	H	Br	Br	SMe
amino acid	H	Br	Br	SEt
amino acid	H	Br	Br	S-cyclopropyl
amino acid	H	Br	Br	F
amino acid	H	Br	Br	Cl
amino acid	H	Br	Br	Br
amino acid	H	Br	Br	I
amino acid	acyl	Br	Br	H
amino acid	acyl	Br	Br	NH ₂
amino acid	acyl	Br	Br	NH-cyclopropyl
amino acid	acyl	Br	Br	NH-methyl
amino acid	acyl	Br	Br	NH-ethyl
amino acid	acyl	Br	Br	NH-acetyl
amino acid	acyl	Br	Br	OH
amino acid	acyl	Br	Br	OMe
amino acid	acyl	Br	Br	OEt
amino acid	acyl	Br	Br	O-cyclopropyl
amino acid	acyl	Br	Br	O-acetyl
amino acid	acyl	Br	Br	SH
amino acid	acyl	Br	Br	SMe
amino acid	acyl	Br	Br	SEt
amino acid	acyl	Br	Br	S-cyclopropyl
amino acid	acyl	Br	Br	F
amino acid	acyl	Br	Br	Cl
amino acid	acyl	Br	Br	Br
amino acid	acyl	Br	Br	I
acyl	H	Cl	Br	H
acyl	H	Cl	Br	NH ₂
acyl	H	Cl	Br	NH-cyclopropyl
acyl	H	Cl	Br	NH-methyl
acyl	H	Cl	Br	NH-ethyl
acyl	H	Cl	Br	NH-acetyl
acyl	H	Cl	Br	OH
acyl	H	Cl	Br	OMe
acyl	H	Cl	Br	OEt
acyl	H	Cl	Br	O-cyclopropyl
acyl	H	Cl	Br	O-acetyl
acyl	H	Cl	Br	SH
acyl	H	Cl	Br	SMe

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TABLE 7-continued

	R ²	R ³	X ¹	X ²	Y
5	acyl	H	Cl	Br	SEt
	acyl	H	Cl	Br	S-cyclopropyl
	acyl	H	Cl	Br	F
	acyl	H	Cl	Br	Cl
	acyl	H	Cl	Br	Br
	acyl	H	Cl	Br	I
10	acyl	acyl	Cl	Br	H
	acyl	acyl	Cl	Br	NH ₂
	acyl	acyl	Cl	Br	NH-cyclopropyl
	acyl	acyl	Cl	Br	NH-methyl
	acyl	acyl	Cl	Br	NH-ethyl
	acyl	acyl	Cl	Br	NH-acetyl
15	acyl	acyl	Cl	Br	OH
	acyl	acyl	Cl	Br	OMe
	acyl	acyl	Cl	Br	OEt
	acyl	acyl	Cl	Br	O-cyclopropyl
	acyl	acyl	Cl	Br	O-acetyl
	acyl	acyl	Cl	Br	SH
20	acyl	acyl	Cl	Br	SMe
	acyl	acyl	Cl	Br	SEt
	acyl	acyl	Cl	Br	S-cyclopropyl
	acyl	acyl	Cl	Br	F
	acyl	acyl	Cl	Br	Cl
	acyl	acyl	Cl	Br	Br
	acyl	acyl	Cl	Br	I
25	acyl	amino acid	Cl	Br	H
	acyl	amino acid	Cl	Br	NH ₂
	acyl	amino acid	Cl	Br	NH-cyclopropyl
	acyl	amino acid	Cl	Br	NH-methyl
	acyl	amino acid	Cl	Br	NH-ethyl
	acyl	amino acid	Cl	Br	NH-acetyl
30	acyl	amino acid	Cl	Br	OH
	acyl	amino acid	Cl	Br	OMe
	acyl	amino acid	Cl	Br	OEt
	acyl	amino acid	Cl	Br	O-cyclopropyl
	acyl	amino acid	Cl	Br	O-acetyl
	acyl	amino acid	Cl	Br	SH
35	acyl	amino acid	Cl	Br	SMe
	acyl	amino acid	Cl	Br	SEt
	acyl	amino acid	Cl	Br	S-cyclopropyl
	acyl	amino acid	Cl	Br	F
	acyl	amino acid	Cl	Br	Cl
	acyl	amino acid	Cl	Br	Br
	acyl	amino acid	Cl	Br	I
40	H	acyl	Cl	Br	H
	H	acyl	Cl	Br	NH ₂
	H	acyl	Cl	Br	NH-cyclopropyl
	H	acyl	Cl	Br	NH-methyl
	H	acyl	Cl	Br	NH-ethyl
	H	acyl	Cl	Br	NH-acetyl
45	H	acyl	Cl	Br	OH
	H	acyl	Cl	Br	OMe
	H	acyl	Cl	Br	OEt
	H	acyl	Cl	Br	O-cyclopropyl
	H	acyl	Cl	Br	O-acetyl
	H	acyl	Cl	Br	SH
50	H	acyl	Cl	Br	SMe
	H	acyl	Cl	Br	SEt
	H	acyl	Cl	Br	S-cyclopropyl
	H	acyl	Cl	Br	F
	H	acyl	Cl	Br	Cl
	H	acyl	Cl	Br	Br
	H	acyl	Cl	Br	I
55	H	amino acid	Cl	Br	H
	H	amino acid	Cl	Br	NH ₂
	H	amino acid	Cl	Br	NH-cyclopropyl
	H	amino acid	Cl	Br	NH-methyl
	H	amino acid	Cl	Br	NH-ethyl
	H	amino acid	Cl	Br	NH-acetyl
60	H	amino acid	Cl	Br	OH
	H	amino acid	Cl	Br	OMe
	H	amino acid	Cl	Br	OEt
	H	amino acid	Cl	Br	O-cyclopropyl
	H	amino acid	Cl	Br	O-acetyl
	H	amino acid	Cl	Br	SH
65	H	amino acid	Cl	Br	SMe
	H	amino acid	Cl	Br	SEt

TABLE 7-continued

R ²	R ³	X ¹	X ²	Y
H	amino acid	Cl	Br	S-cyclopropyl
H	amino acid	Cl	Br	F
H	amino acid	Cl	Br	Cl
H	amino acid	Cl	Br	Br
H	amino acid	Cl	Br	I
amino acid	amino acid	Cl	Br	H
amino acid	amino acid	Cl	Br	NH ₂
amino acid	amino acid	Cl	Br	NH-cyclopropyl
amino acid	amino acid	Cl	Br	NH-methyl
amino acid	amino acid	Cl	Br	NH-ethyl
amino acid	amino acid	Cl	Br	NH-acetyl
amino acid	amino acid	Cl	Br	OH
amino acid	amino acid	Cl	Br	OMe
amino acid	amino acid	Cl	Br	OEt
amino acid	amino acid	Cl	Br	O-cyclopropyl
amino acid	amino acid	Cl	Br	O-acetyl
amino acid	amino acid	Cl	Br	SH
amino acid	amino acid	Cl	Br	SMe
amino acid	amino acid	Cl	Br	SEt
amino acid	amino acid	Cl	Br	S-cyclopropyl
amino acid	amino acid	Cl	Br	F
amino acid	amino acid	Cl	Br	Cl
amino acid	amino acid	Cl	Br	Br
amino acid	amino acid	Cl	Br	I
amino acid	H	Cl	Br	H
amino acid	H	Cl	Br	NH ₂
amino acid	H	Cl	Br	NH-cyclopropyl
amino acid	H	Cl	Br	NH-methyl
amino acid	H	Cl	Br	NH-ethyl
amino acid	H	Cl	Br	NH-acetyl
amino acid	H	Cl	Br	OH
amino acid	H	Cl	Br	OMe
amino acid	H	Cl	Br	OEt
amino acid	H	Cl	Br	O-cyclopropyl
amino acid	H	Cl	Br	O-acetyl
amino acid	H	Cl	Br	SH
amino acid	H	Cl	Br	SMe
amino acid	H	Cl	Br	SEt
amino acid	H	Cl	Br	S-cyclopropyl
amino acid	H	Cl	Br	F
amino acid	H	Cl	Br	Cl
amino acid	H	Cl	Br	Br
amino acid	H	Cl	Br	I
amino acid	acyl	Cl	Br	H
amino acid	acyl	Cl	Br	NH ₂
amino acid	acyl	Cl	Br	NH-cyclopropyl
amino acid	acyl	Cl	Br	NH-methyl
amino acid	acyl	Cl	Br	NH-ethyl
amino acid	acyl	Cl	Br	NH-acetyl
amino acid	acyl	Cl	Br	OH
amino acid	acyl	Cl	Br	OMe
amino acid	acyl	Cl	Br	OEt
amino acid	acyl	Cl	Br	O-cyclopropyl
amino acid	acyl	Cl	Br	O-acetyl
amino acid	acyl	Cl	Br	SH
amino acid	acyl	Cl	Br	SMe
amino acid	acyl	Cl	Br	SEt
amino acid	acyl	Cl	Br	S-cyclopropyl
amino acid	acyl	Cl	Br	F
amino acid	acyl	Cl	Br	Cl
amino acid	acyl	Cl	Br	Br
amino acid	acyl	Cl	Br	I
acyl	H	F	Br	H
acyl	H	F	Br	NH ₂
acyl	H	F	Br	NH-cyclopropyl
acyl	H	F	Br	NH-methyl
acyl	H	F	Br	NH-ethyl
acyl	H	F	Br	NH-acetyl
acyl	H	F	Br	OH
acyl	H	F	Br	OMe
acyl	H	F	Br	OEt
acyl	H	F	Br	O-cyclopropyl
acyl	H	F	Br	O-acetyl
acyl	H	F	Br	SH
acyl	H	F	Br	SMe
acyl	H	F	Br	SEt
acyl	H	F	Br	S-cyclopropyl
acyl	H	F	Br	F

TABLE 7-continued

R ²	R ³	X ¹	X ²	Y
5 acyl	H	F	Br	F
acyl	H	F	Br	Cl
acyl	H	F	Br	Br
acyl	H	F	Br	I
acyl	acyl	F	Br	H
acyl	acyl	F	Br	NH ₂
10 acyl	acyl	F	Br	NH-cyclopropyl
acyl	acyl	F	Br	NH-methyl
acyl	acyl	F	Br	NH-ethyl
acyl	acyl	F	Br	NH-acetyl
acyl	acyl	F	Br	OH
acyl	acyl	F	Br	OMe
15 acyl	acyl	F	Br	OEt
acyl	acyl	F	Br	O-cyclopropyl
acyl	acyl	F	Br	O-acetyl
acyl	acyl	F	Br	SH
acyl	acyl	F	Br	SMe
acyl	acyl	F	Br	SEt
acyl	acyl	F	Br	S-cyclopropyl
20 acyl	acyl	F	Br	F
acyl	acyl	F	Br	Cl
acyl	acyl	F	Br	Br
acyl	acyl	F	Br	I
acyl	amino acid	F	Br	H
25 acyl	amino acid	F	Br	NH ₂
acyl	amino acid	F	Br	NH-cyclopropyl
acyl	amino acid	F	Br	NH-methyl
acyl	amino acid	F	Br	NH-ethyl
acyl	amino acid	F	Br	NH-acetyl
acyl	amino acid	F	Br	OH
acyl	amino acid	F	Br	OMe
acyl	amino acid	F	Br	OEt
acyl	amino acid	F	Br	O-cyclopropyl
acyl	amino acid	F	Br	O-acetyl
acyl	amino acid	F	Br	SH
acyl	amino acid	F	Br	SMe
acyl	amino acid	F	Br	SEt
35 acyl	amino acid	F	Br	S-cyclopropyl
acyl	amino acid	F	Br	F
acyl	amino acid	F	Br	Cl
acyl	amino acid	F	Br	Br
acyl	amino acid	F	Br	I
H	acyl	F	Br	H
40 H	acyl	F	Br	NH ₂
H	acyl	F	Br	NH-cyclopropyl
H	acyl	F	Br	NH-methyl
H	acyl	F	Br	NH-ethyl
H	acyl	F	Br	NH-acetyl
H	acyl	F	Br	OH
H	acyl	F	Br	OMe
45 H	acyl	F	Br	OEt
H	acyl	F	Br	O-cyclopropyl
H	acyl	F	Br	O-acetyl
H	acyl	F	Br	SH
H	acyl	F	Br	SMe
H	acyl	F	Br	SEt
50 H	acyl	F	Br	S-cyclopropyl
H	acyl	F	Br	F
H	acyl	F	Br	Cl
H	acyl	F	Br	Br
H	acyl	F	Br	I
H	amino acid	F	Br	H
55 H	amino acid	F	Br	NH ₂
H	amino acid	F	Br	NH-cyclopropyl
H	amino acid	F	Br	NH-methyl
H	amino acid	F	Br	NH-ethyl
H	amino acid	F	Br	NH-acetyl
H	amino acid	F	Br	OH
H	amino acid	F	Br	OMe
60 H	amino acid	F	Br	OEt
H	amino acid	F	Br	O-cyclopropyl
H	amino acid	F	Br	O-acetyl
H	amino acid	F	Br	SH
H	amino acid	F	Br	SMe
H	amino acid	F	Br	SEt
65 H	amino acid	F	Br	S-cyclopropyl
H	amino acid	F	Br	F

TABLE 7-continued

R ²	R ³	X ¹	X ²	Y
H	amino acid	F	Br	Cl
H	amino acid	F	Br	Br
H	amino acid	F	Br	I
amino acid	amino acid	F	Br	H
amino acid	amino acid	F	Br	NH ₂
amino acid	amino acid	F	Br	NH-cyclopropyl
amino acid	amino acid	F	Br	NH-methyl
amino acid	amino acid	F	Br	NH-ethyl
amino acid	amino acid	F	Br	NH-acetyl
amino acid	amino acid	F	Br	OH
amino acid	amino acid	F	Br	OMe
amino acid	amino acid	F	Br	OEt
amino acid	amino acid	F	Br	O-cyclopropyl
amino acid	amino acid	F	Br	O-acetyl
amino acid	amino acid	F	Br	SH
amino acid	amino acid	F	Br	SMe
amino acid	amino acid	F	Br	SEt
amino acid	amino acid	F	Br	S-cyclopropyl
amino acid	amino acid	F	Br	F
amino acid	amino acid	F	Br	Cl
amino acid	amino acid	F	Br	Br
amino acid	amino acid	F	Br	I
amino acid	H	F	Br	H
amino acid	H	F	Br	NH ₂
amino acid	H	F	Br	NH-cyclopropyl
amino acid	H	F	Br	NH-methyl
amino acid	H	F	Br	NH-ethyl
amino acid	H	F	Br	NH-acetyl
amino acid	H	F	Br	OH
amino acid	H	F	Br	OMe
amino acid	H	F	Br	OEt
amino acid	H	F	Br	O-cyclopropyl
amino acid	H	F	Br	O-acetyl
amino acid	H	F	Br	SH
amino acid	H	F	Br	SMe
amino acid	H	F	Br	SEt
amino acid	H	F	Br	S-cyclopropyl
amino acid	H	F	Br	F
amino acid	H	F	Br	Cl
amino acid	H	F	Br	Br
amino acid	H	F	Br	I
amino acid	H	F	Br	H
amino acid	acyl	F	Br	NH ₂
amino acid	acyl	F	Br	NH-cyclopropyl
amino acid	acyl	F	Br	NH-methyl
amino acid	acyl	F	Br	NH-ethyl
amino acid	acyl	F	Br	NH-acetyl
amino acid	acyl	F	Br	OH
amino acid	acyl	F	Br	OMe
amino acid	acyl	F	Br	OEt
amino acid	acyl	F	Br	O-cyclopropyl
amino acid	acyl	F	Br	O-acetyl
amino acid	acyl	F	Br	SH
amino acid	acyl	F	Br	SMe
amino acid	acyl	F	Br	SEt
amino acid	acyl	F	Br	S-cyclopropyl
amino acid	acyl	F	Br	F
amino acid	acyl	F	Br	Cl
amino acid	acyl	F	Br	Br
amino acid	acyl	F	Br	I
acyl	H	NH ₂	Br	H
acyl	H	NH ₂	Br	NH ₂
acyl	H	NH ₂	Br	NH-cyclopropyl
acyl	H	NH ₂	Br	NH-methyl
acyl	H	NH ₂	Br	NH-ethyl
acyl	H	NH ₂	Br	NH-acetyl
acyl	H	NH ₂	Br	OH
acyl	H	NH ₂	Br	OMe
acyl	H	NH ₂	Br	OEt
acyl	H	NH ₂	Br	O-cyclopropyl
acyl	H	NH ₂	Br	O-acetyl
acyl	H	NH ₂	Br	SH
acyl	H	NH ₂	Br	SMe
acyl	H	NH ₂	Br	SEt
acyl	H	NH ₂	Br	S-cyclopropyl
acyl	H	NH ₂	Br	F
acyl	H	NH ₂	Br	Cl

TABLE 7-continued

R ²	R ³	X ¹	X ²	Y
5	acyl	H	NH ₂	Br
	acyl	H	NH ₂	I
	acyl	acyl	NH ₂	H
	acyl	acyl	NH ₂	NH ₂
	acyl	acyl	NH ₂	NH-cyclopropyl
	acyl	acyl	NH ₂	NH-methyl
10	acyl	acyl	NH ₂	NH-ethyl
	acyl	acyl	NH ₂	NH-acetyl
	acyl	acyl	NH ₂	OH
	acyl	acyl	NH ₂	OMe
	acyl	acyl	NH ₂	OEt
	acyl	acyl	NH ₂	O-cyclopropyl
15	acyl	acyl	NH ₂	O-acetyl
	acyl	acyl	NH ₂	SH
	acyl	acyl	NH ₂	SMe
	acyl	acyl	NH ₂	SEt
	acyl	acyl	NH ₂	S-cyclopropyl
	acyl	acyl	NH ₂	F
20	acyl	acyl	NH ₂	Cl
	acyl	acyl	NH ₂	Br
	acyl	acyl	NH ₂	I
	acyl	amino acid	NH ₂	H
	acyl	amino acid	NH ₂	NH ₂
	acyl	amino acid	NH ₂	NH-cyclopropyl
	acyl	amino acid	NH ₂	NH-methyl
25	acyl	amino acid	NH ₂	NH-ethyl
	acyl	amino acid	NH ₂	NH-acetyl
	acyl	amino acid	NH ₂	OH
	acyl	amino acid	NH ₂	OMe
	acyl	amino acid	NH ₂	OEt
	acyl	amino acid	NH ₂	O-cyclopropyl
30	acyl	amino acid	NH ₂	O-acetyl
	acyl	amino acid	NH ₂	SH
	acyl	amino acid	NH ₂	SMe
	acyl	amino acid	NH ₂	SEt
	acyl	amino acid	NH ₂	S-cyclopropyl
	acyl	amino acid	NH ₂	F
35	acyl	amino acid	NH ₂	Cl
	acyl	amino acid	NH ₂	Br
	acyl	amino acid	NH ₂	I
	H	acyl	NH ₂	H
	H	acyl	NH ₂	NH ₂
	H	acyl	NH ₂	NH-cyclopropyl
	H	acyl	NH ₂	NH-methyl
40	H	acyl	NH ₂	NH-ethyl
	H	acyl	NH ₂	NH-acetyl
	H	acyl	NH ₂	OH
	H	acyl	NH ₂	OMe
	H	acyl	NH ₂	OEt
	H	acyl	NH ₂	O-cyclopropyl
45	H	acyl	NH ₂	O-acetyl
	H	acyl	NH ₂	SH
	H	acyl	NH ₂	SMe
	H	acyl	NH ₂	SEt
	H	acyl	NH ₂	S-cyclopropyl
	H	acyl	NH ₂	F
50	H	acyl	NH ₂	Cl
	H	acyl	NH ₂	Br
	H	acyl	NH ₂	I
	H	amino acid	NH ₂	H
	H	amino acid	NH ₂	NH ₂
	H	amino acid	NH ₂	NH-cyclopropyl
55	H	amino acid	NH ₂	NH-methyl
	H	amino acid	NH ₂	NH-ethyl
	H	amino acid	NH ₂	NH-acetyl
	H	amino acid	NH ₂	OH
	H	amino acid	NH ₂	OMe
	H	amino acid	NH ₂	OEt
	H	amino acid	NH ₂	O-cyclopropyl
60	H	amino acid	NH ₂	O-acetyl
	H	amino acid	NH ₂	SH
	H	amino acid	NH ₂	SMe
	H	amino acid	NH ₂	SEt
	H	amino acid	NH ₂	S-cyclopropyl
	H	amino acid	NH ₂	F
65	H	amino acid	NH ₂	Cl
	H	amino acid	NH ₂	Br

TABLE 7-continued

R ²	R ³	X ¹	X ²	Y
H	amino acid	NH ₂	Br	I
amino acid	amino acid	NH ₂	Br	H
amino acid	amino acid	NH ₂	Br	NH ₂
amino acid	amino acid	NH ₂	Br	NH-cyclopropyl
amino acid	amino acid	NH ₂	Br	NH-methyl
amino acid	amino acid	NH ₂	Br	NH-ethyl
amino acid	amino acid	NH ₂	Br	NH-acetyl
amino acid	amino acid	NH ₂	Br	OH
amino acid	amino acid	NH ₂	Br	OMe
amino acid	amino acid	NH ₂	Br	OEt
amino acid	amino acid	NH ₂	Br	O-cyclopropyl
amino acid	amino acid	NH ₂	Br	O-acetyl
amino acid	amino acid	NH ₂	Br	SH
amino acid	amino acid	NH ₂	Br	SMe
amino acid	amino acid	NH ₂	Br	SEt
amino acid	amino acid	NH ₂	Br	S-cyclopropyl
amino acid	amino acid	NH ₂	Br	F
amino acid	amino acid	NH ₂	Br	Cl
amino acid	amino acid	NH ₂	Br	Br
amino acid	amino acid	NH ₂	Br	I
amino acid	H	NH ₂	Br	H
amino acid	H	NH ₂	Br	NH ₂
amino acid	H	NH ₂	Br	NH-cyclopropyl
amino acid	H	NH ₂	Br	NH-methyl
amino acid	H	NH ₂	Br	NH-ethyl
amino acid	H	NH ₂	Br	NH-acetyl
amino acid	H	NH ₂	Br	OH
amino acid	H	NH ₂	Br	OMe
amino acid	H	NH ₂	Br	OEt
amino acid	H	NH ₂	Br	O-cyclopropyl
amino acid	H	NH ₂	Br	O-acetyl
amino acid	H	NH ₂	Br	SH
amino acid	H	NH ₂	Br	SMe
amino acid	H	NH ₂	Br	SEt
amino acid	H	NH ₂	Br	S-cyclopropyl
amino acid	H	NH ₂	Br	F
amino acid	H	NH ₂	Br	Cl
amino acid	H	NH ₂	Br	Br
amino acid	H	NH ₂	Br	I
amino acid	acyl	NH ₂	Br	H
amino acid	acyl	NH ₂	Br	NH ₂
amino acid	acyl	NH ₂	Br	NH-cyclopropyl
amino acid	acyl	NH ₂	Br	NH-methyl
amino acid	acyl	NH ₂	Br	NH-ethyl
amino acid	acyl	NH ₂	Br	NH-acetyl
amino acid	acyl	NH ₂	Br	OH
amino acid	acyl	NH ₂	Br	OMe
amino acid	acyl	NH ₂	Br	OEt
amino acid	acyl	NH ₂	Br	O-cyclopropyl
amino acid	acyl	NH ₂	Br	O-acetyl
amino acid	acyl	NH ₂	Br	SH
amino acid	acyl	NH ₂	Br	SMe
amino acid	acyl	NH ₂	Br	SEt
amino acid	acyl	NH ₂	Br	S-cyclopropyl
amino acid	acyl	NH ₂	Br	F
amino acid	acyl	NH ₂	Br	Cl
amino acid	acyl	NH ₂	Br	Br
amino acid	acyl	NH ₂	Br	I
acyl	H	SH	Br	H
acyl	H	SH	Br	NH ₂
acyl	H	SH	Br	NH-cyclopropyl
acyl	H	SH	Br	NH-methyl
acyl	H	SH	Br	NH-ethyl
acyl	H	SH	Br	NH-acetyl
acyl	H	SH	Br	OH
acyl	H	SH	Br	OMe
acyl	H	SH	Br	OEt
acyl	H	SH	Br	O-cyclopropyl
acyl	H	SH	Br	O-acetyl
acyl	H	SH	Br	SH
acyl	H	SH	Br	SMe
acyl	H	SH	Br	SEt
acyl	H	SH	Br	S-cyclopropyl
acyl	H	SH	Br	F
acyl	H	SH	Br	Cl
acyl	H	SH	Br	Br
acyl	H	SH	Br	I

TABLE 7-continued

	R ²	R ³	X ¹	X ²	Y
5	acyl	acyl	SH	Br	H
	acyl	acyl	SH	Br	NH ₂
	acyl	acyl	SH	Br	NH-cyclopropyl
	acyl	acyl	SH	Br	NH-methyl
	acyl	acyl	SH	Br	NH-ethyl
	acyl	acyl	SH	Br	NH-acetyl
10	acyl	acyl	SH	Br	OH
	acyl	acyl	SH	Br	OMe
	acyl	acyl	SH	Br	OEt
	acyl	acyl	SH	Br	O-cyclopropyl
	acyl	acyl	SH	Br	O-acetyl
	acyl	acyl	SH	Br	SH
15	acyl	acyl	SH	Br	SMe
	acyl	acyl	SH	Br	SEt
	acyl	acyl	SH	Br	S-cyclopropyl
	acyl	acyl	SH	Br	F
	acyl	acyl	SH	Br	Cl
	acyl	acyl	SH	Br	Br
20	acyl	acyl	SH	Br	I
	acyl	amino acid	SH	Br	H
	acyl	amino acid	SH	Br	NH ₂
	acyl	amino acid	SH	Br	NH-cyclopropyl
	acyl	amino acid	SH	Br	NH-methyl
	acyl	amino acid	SH	Br	NH-ethyl
	acyl	amino acid	SH	Br	NH-acetyl
25	acyl	amino acid	SH	Br	OH
	acyl	amino acid	SH	Br	OMe
	acyl	amino acid	SH	Br	OEt
	acyl	amino acid	SH	Br	O-cyclopropyl
	acyl	amino acid	SH	Br	O-acetyl
	acyl	amino acid	SH	Br	SH
30	acyl	amino acid	SH	Br	SMe
	acyl	amino acid	SH	Br	SEt
	acyl	amino acid	SH	Br	S-cyclopropyl
	acyl	amino acid	SH	Br	F
	acyl	amino acid	SH	Br	Cl
	acyl	amino acid	SH	Br	Br
35	acyl	amino acid	SH	Br	I
H	acyl	acyl	SH	Br	H
H	acyl	acyl	SH	Br	NH ₂
H	acyl	acyl	SH	Br	NH-cyclopropyl
H	acyl	acyl	SH	Br	NH-methyl
H	acyl	acyl	SH	Br	NH-ethyl
H	acyl	acyl	SH	Br	NH-acetyl
40	H	acyl	SH	Br	OH
H	acyl	acyl	SH	Br	OMe
H	acyl	acyl	SH	Br	OEt
H	acyl	acyl	SH	Br	O-cyclopropyl
H	acyl	acyl	SH	Br	O-acetyl
45	H	acyl	SH	Br	SH
H	acyl	acyl	SH	Br	SMe
H	acyl	acyl	SH	Br	SEt
H	acyl	acyl	SH	Br	S-cyclopropyl
H	acyl	acyl	SH	Br	F
H	acyl	acyl	SH	Br	Cl
H	acyl	acyl	SH	Br	Br
50	H	acyl	SH	Br	I
H	amino acid	acyl	SH	Br	H
H	amino acid	acyl	SH	Br	NH ₂
H	amino acid	acyl	SH	Br	NH-cyclopropyl
H	amino acid	acyl	SH	Br	NH-methyl
H	amino acid	acyl	SH	Br	NH-ethyl
55	H	amino acid	SH	Br	NH-acetyl
H	amino acid	acyl	SH	Br	OH
H	amino acid	acyl	SH	Br	OMe
H	amino acid	acyl	SH	Br	OEt
H	amino acid	acyl	SH	Br	O-cyclopropyl
H	amino acid	acyl	SH	Br	O-acetyl
60	H	amino acid	SH	Br	SH
H	amino acid	acyl	SH	Br	SMe
H	amino acid	acyl	SH	Br	SEt
H	amino acid	acyl	SH	Br	S-cyclopropyl
H	amino acid	acyl	SH	Br	F
H	amino acid	acyl	SH	Br	Cl
H	amino acid	acyl	SH	Br	Br
65	H	amino acid	SH	Br	I
amino acid	amino acid	acyl	SH	Br	H

TABLE 7-continued

R ²	R ³	X ¹	X ²	Y
amino acid	amino acid	SH	Br	NH ₂
amino acid	amino acid	SH	Br	NH-cyclopropyl
amino acid	amino acid	SH	Br	NH-methyl
amino acid	amino acid	SH	Br	NH-ethyl
amino acid	amino acid	SH	Br	NH-acetyl
amino acid	amino acid	SH	Br	OH
amino acid	amino acid	SH	Br	OMe
amino acid	amino acid	SH	Br	OEt
amino acid	amino acid	SH	Br	O-cyclopropyl
amino acid	amino acid	SH	Br	O-acetyl
amino acid	amino acid	SH	Br	SH
amino acid	amino acid	SH	Br	SMe
amino acid	amino acid	SH	Br	SEt
amino acid	amino acid	SH	Br	S-cyclopropyl
amino acid	amino acid	SH	Br	F
amino acid	amino acid	SH	Br	Cl
amino acid	amino acid	SH	Br	Br
amino acid	amino acid	SH	Br	I
amino acid	H	SH	Br	H
amino acid	H	SH	Br	NH ₂
amino acid	H	SH	Br	NH-cyclopropyl
amino acid	H	SH	Br	NH-methyl
amino acid	H	SH	Br	NH-ethyl
amino acid	H	SH	Br	NH-acetyl
amino acid	H	SH	Br	OH
amino acid	H	SH	Br	OMe
amino acid	H	SH	Br	OEt
amino acid	H	SH	Br	O-cyclopropyl
amino acid	H	SH	Br	O-acetyl
amino acid	H	SH	Br	SH
amino acid	H	SH	Br	SMe
amino acid	H	SH	Br	SEt
amino acid	H	SH	Br	S-cyclopropyl
amino acid	H	SH	Br	F
amino acid	H	SH	Br	Cl
amino acid	H	SH	Br	Br
amino acid	H	SH	Br	I
amino acid	acyl	SH	Br	H
amino acid	acyl	SH	Br	NH ₂
amino acid	acyl	SH	Br	NH-cyclopropyl
amino acid	acyl	SH	Br	NH-methyl
amino acid	acyl	SH	Br	NH-ethyl
amino acid	acyl	SH	Br	NH-acetyl
amino acid	acyl	SH	Br	OH
amino acid	acyl	SH	Br	OMe
amino acid	acyl	SH	Br	OEt
amino acid	acyl	SH	Br	O-cyclopropyl
amino acid	acyl	SH	Br	O-acetyl
amino acid	acyl	SH	Br	SH
amino acid	acyl	SH	Br	SMe
amino acid	acyl	SH	Br	SEt
amino acid	acyl	SH	Br	S-cyclopropyl
amino acid	acyl	SH	Br	F
amino acid	acyl	SH	Br	Cl
amino acid	acyl	SH	Br	Br
amino acid	acyl	SH	Br	I
acyl	H	OH	Br	H
acyl	H	OH	Br	NH ₂
acyl	H	OH	Br	NH-cyclopropyl
acyl	H	OH	Br	NH-methyl
acyl	H	OH	Br	NH-ethyl
acyl	H	OH	Br	NH-acetyl
acyl	H	OH	Br	OH
acyl	H	OH	Br	OMe
acyl	H	OH	Br	OEt
acyl	H	OH	Br	O-cyclopropyl
acyl	H	OH	Br	O-acetyl
acyl	H	OH	Br	SH
acyl	H	OH	Br	SMe
acyl	H	OH	Br	SEt
acyl	H	OH	Br	S-cyclopropyl
acyl	H	OH	Br	F
acyl	H	OH	Br	Cl
acyl	H	OH	Br	Br
acyl	H	OH	Br	I
acyl	acyl	OH	Br	H
acyl	acyl	OH	Br	NH ₂

TABLE 7-continued

	R ²	R ³	X ¹	X ²	Y
5	acyl	acyl	OH	Br	NH-cyclopropyl
	acyl	acyl	OH	Br	NH-methyl
	acyl	acyl	OH	Br	NH-ethyl
	acyl	acyl	OH	Br	NH-acetyl
	acyl	acyl	OH	Br	OH
	acyl	acyl	OH	Br	OMe
10	acyl	acyl	OH	Br	OEt
	acyl	acyl	OH	Br	O-cyclopropyl
	acyl	acyl	OH	Br	O-acetyl
	acyl	acyl	OH	Br	SH
	acyl	acyl	OH	Br	SMe
	acyl	acyl	OH	Br	SEt
15	acyl	acyl	OH	Br	S-cyclopropyl
	acyl	acyl	OH	Br	F
	acyl	acyl	OH	Br	Cl
	acyl	acyl	OH	Br	Br
	acyl	acyl	OH	Br	I
	acyl	amino acid	OH	Br	H
	acyl	amino acid	OH	Br	NH ₂
20	acyl	amino acid	OH	Br	NH-cyclopropyl
	acyl	amino acid	OH	Br	NH-methyl
	acyl	amino acid	OH	Br	NH-ethyl
	acyl	amino acid	OH	Br	NH-acetyl
	acyl	amino acid	OH	Br	OH
	acyl	amino acid	OH	Br	OMe
25	acyl	amino acid	OH	Br	OEt
	acyl	amino acid	OH	Br	O-cyclopropyl
	acyl	amino acid	OH	Br	O-acetyl
	acyl	amino acid	OH	Br	SH
	acyl	amino acid	OH	Br	SMe
	acyl	amino acid	OH	Br	SEt
30	acyl	amino acid	OH	Br	S-cyclopropyl
	acyl	amino acid	OH	Br	F
	acyl	amino acid	OH	Br	Cl
	acyl	amino acid	OH	Br	Br
	acyl	amino acid	OH	Br	I
	H	acyl	OH	Br	H
35	H	acyl	OH	Br	NH ₂
	H	acyl	OH	Br	NH-cyclopropyl
	H	acyl	OH	Br	NH-methyl
	H	acyl	OH	Br	NH-ethyl
	H	acyl	OH	Br	NH-acetyl
	H	acyl	OH	Br	OH
40	H	acyl	OH	Br	OMe
	H	acyl	OH	Br	OEt
	H	acyl	OH	Br	O-cyclopropyl
	H	acyl	OH	Br	O-acetyl
	H	acyl	OH	Br	SH
	H	acyl	OH	Br	SMe
	H	acyl	OH	Br	SEt
45	H	acyl	OH	Br	S-cyclopropyl
	H	acyl	OH	Br	F
	H	acyl	OH	Br	Cl
	H	acyl	OH	Br	Br
	H	acyl	OH	Br	I
	H	amino acid	OH	Br	H
50	H	amino acid	OH	Br	NH ₂
	H	amino acid	OH	Br	NH-cyclopropyl
	H	amino acid	OH	Br	NH-methyl
	H	amino acid	OH	Br	NH-ethyl
	H	amino acid	OH	Br	NH-acetyl
	H	amino acid	OH	Br	OH
55	H	amino acid	OH	Br	OMe
	H	amino acid	OH	Br	OEt
	H	amino acid	OH	Br	O-cyclopropyl
	H	amino acid	OH	Br	O-acetyl
	H	amino acid	OH	Br	SH
	H	amino acid	OH	Br	SMe
	H	amino acid	OH	Br	SEt
60	H	amino acid	OH	Br	S-cyclopropyl
	H	amino acid	OH	Br	F
	H	amino acid	OH	Br	Cl
	H	amino acid	OH	Br	Br
	H	amino acid	OH	Br	I
	amino acid	amino acid	OH	Br	H
65	amino acid	amino acid	OH	Br	NH ₂
	amino acid	amino acid	OH	Br	NH-cyclopropyl

TABLE 7-continued

R ²	R ³	X ¹	X ²	Y
amino acid	amino acid	OH	Br	NH-methyl
amino acid	amino acid	OH	Br	NH-ethyl
amino acid	amino acid	OH	Br	NH-acetyl
amino acid	amino acid	OH	Br	OH
amino acid	amino acid	OH	Br	OMe
amino acid	amino acid	OH	Br	OEt
amino acid	amino acid	OH	Br	O-cyclopropyl
amino acid	amino acid	OH	Br	O-acetyl
amino acid	amino acid	OH	Br	SH
amino acid	amino acid	OH	Br	SMe
amino acid	amino acid	OH	Br	SEt
amino acid	amino acid	OH	Br	S-cyclopropyl
amino acid	amino acid	OH	Br	F
amino acid	amino acid	OH	Br	Cl
amino acid	amino acid	OH	Br	Br
amino acid	amino acid	OH	Br	I
amino acid	H	OH	Br	H
amino acid	H	OH	Br	NH ₂
amino acid	H	OH	Br	NH-cyclopropyl
amino acid	H	OH	Br	NH-methyl
amino acid	H	OH	Br	NH-ethyl
amino acid	H	OH	Br	NH-acetyl
amino acid	H	OH	Br	OH
amino acid	H	OH	Br	OMe
amino acid	H	OH	Br	OEt
amino acid	H	OH	Br	O-cyclopropyl
amino acid	H	OH	Br	O-acetyl
amino acid	H	OH	Br	SH
amino acid	H	OH	Br	SMe
amino acid	H	OH	Br	SEt
amino acid	H	OH	Br	S-cyclopropyl
amino acid	H	OH	Br	F
amino acid	H	OH	Br	Cl
amino acid	H	OH	Br	Br
amino acid	H	OH	Br	I
amino acid	acyl	OH	Br	H
amino acid	acyl	OH	Br	NH ₂
amino acid	acyl	OH	Br	NH-cyclopropyl
amino acid	acyl	OH	Br	NH-methyl
amino acid	acyl	OH	Br	NH-ethyl
amino acid	acyl	OH	Br	NH-acetyl
amino acid	acyl	OH	Br	OH
amino acid	acyl	OH	Br	OMe
amino acid	acyl	OH	Br	OEt
amino acid	acyl	OH	Br	O-cyclopropyl
amino acid	acyl	OH	Br	O-acetyl
amino acid	acyl	OH	Br	SH
amino acid	acyl	OH	Br	SMe
amino acid	acyl	OH	Br	SEt
amino acid	acyl	OH	Br	S-cyclopropyl
amino acid	acyl	OH	Br	F
amino acid	acyl	OH	Br	Cl
amino acid	acyl	OH	Br	Br
amino acid	acyl	OH	Br	I
acyl	H	CH ₃	Cl	H
acyl	H	CH ₃	Cl	NH ₂
acyl	H	CH ₃	Cl	NH-cyclopropyl
acyl	H	CH ₃	Cl	NH-methyl
acyl	H	CH ₃	Cl	NH-ethyl
acyl	H	CH ₃	Cl	NH-acetyl
acyl	H	CH ₃	Cl	OH
acyl	H	CH ₃	Cl	OMe
acyl	H	CH ₃	Cl	OEt
acyl	H	CH ₃	Cl	O-cyclopropyl
acyl	H	CH ₃	Cl	O-acetyl
acyl	H	CH ₃	Cl	SH
acyl	H	CH ₃	Cl	SMe
acyl	H	CH ₃	Cl	SEt
acyl	H	CH ₃	Cl	S-cyclopropyl
acyl	H	CH ₃	Cl	F
acyl	H	CH ₃	Cl	Cl
acyl	H	CH ₃	Cl	Br
acyl	H	CH ₃	Cl	I
acyl	acyl	CH ₃	Cl	H
acyl	acyl	CH ₃	Cl	NH ₂
acyl	acyl	CH ₃	Cl	NH-cyclopropyl
acyl	acyl	CH ₃	Cl	NH-methyl

TABLE 7-continued

	R ²	R ³	X ¹	X ²	Y
5	acyl	acyl	CH ₃	Cl	NH-ethyl
	acyl	acyl	CH ₃	Cl	NH-acetyl
	acyl	acyl	CH ₃	Cl	OH
	acyl	acyl	CH ₃	Cl	OMe
	acyl	acyl	CH ₃	Cl	OEt
	acyl	acyl	CH ₃	Cl	O-cyclopropyl
10	acyl	acyl	CH ₃	Cl	O-acetyl
	acyl	acyl	CH ₃	Cl	SH
	acyl	acyl	CH ₃	Cl	SMe
	acyl	acyl	CH ₃	Cl	SEt
	acyl	acyl	CH ₃	Cl	S-cyclopropyl
	acyl	acyl	CH ₃	Cl	F
15	acyl	acyl	CH ₃	Cl	Cl
	acyl	acyl	CH ₃	Cl	Br
	acyl	acyl	CH ₃	Cl	I
	acyl	amino acid	CH ₃	Cl	H
	acyl	amino acid	CH ₃	Cl	NH ₂
	acyl	amino acid	CH ₃	Cl	NH-cyclopropyl
20	acyl	amino acid	CH ₃	Cl	NH-methyl
	acyl	amino acid	CH ₃	Cl	NH-ethyl
	acyl	amino acid	CH ₃	Cl	NH-acetyl
	acyl	amino acid	CH ₃	Cl	OH
	acyl	amino acid	CH ₃	Cl	OMe
	acyl	amino acid	CH ₃	Cl	OEt
	acyl	amino acid	CH ₃	Cl	O-cyclopropyl
25	acyl	amino acid	CH ₃	Cl	O-acetyl
	acyl	amino acid	CH ₃	Cl	SH
	acyl	amino acid	CH ₃	Cl	SMe
	acyl	amino acid	CH ₃	Cl	SEt
	acyl	amino acid	CH ₃	Cl	S-cyclopropyl
	acyl	amino acid	CH ₃	Cl	F
30	acyl	amino acid	CH ₃	Cl	Cl
	acyl	amino acid	CH ₃	Cl	Br
	acyl	amino acid	CH ₃	Cl	I
	H	acyl	CH ₃	Cl	H
	H	acyl	CH ₃	Cl	NH ₂
	H	acyl	CH ₃	Cl	NH-cyclopropyl
35	H	acyl	CH ₃	Cl	NH-methyl
	H	acyl	CH ₃	Cl	NH-ethyl
	H	acyl	CH ₃	Cl	NH-acetyl
	H	acyl	CH ₃	Cl	OH
	H	acyl	CH ₃	Cl	OMe
	H	acyl	CH ₃	Cl	OEt
40	H	acyl	CH ₃	Cl	O-cyclopropyl
	H	acyl	CH ₃	Cl	O-acetyl
	H	acyl	CH ₃	Cl	SH
	H	acyl	CH ₃	Cl	SMe
	H	acyl	CH ₃	Cl	SEt
	H	acyl	CH ₃	Cl	S-cyclopropyl
	H	acyl	CH ₃	Cl	F
45	H	acyl	CH ₃	Cl	Cl
	H	acyl	CH ₃	Cl	Br
	H	acyl	CH ₃	Cl	I
	H	amino acid	CH ₃	Cl	H
	H	amino acid	CH ₃	Cl	NH ₂
	H	amino acid	CH ₃	Cl	NH-cyclopropyl
50	H	amino acid	CH ₃	Cl	NH-methyl
	H	amino acid	CH ₃	Cl	NH-ethyl
	H	amino acid	CH ₃	Cl	NH-acetyl
	H	amino acid	CH ₃	Cl	OH
	H	amino acid	CH ₃	Cl	OMe
	H	amino acid	CH ₃	Cl	OEt
55	H	amino acid	CH ₃	Cl	O-cyclopropyl
	H	amino acid	CH ₃	Cl	O-acetyl
	H	amino acid	CH ₃	Cl	SH
	H	amino acid	CH ₃	Cl	SMe
	H	amino acid	CH ₃	Cl	SEt
	H	amino acid	CH ₃	Cl	S-cyclopropyl
	H	amino acid	CH ₃	Cl	F
60	H	amino acid	CH ₃	Cl	Cl
	H	amino acid	CH ₃	Cl	Br
	H	amino acid	CH ₃	Cl	I
	amino acid	amino acid	CH ₃	Cl	H
	amino acid	amino acid	CH ₃	Cl	NH ₂
65	amino acid	amino acid	CH ₃	Cl	NH-cyclopropyl
	amino acid	amino acid	CH ₃	Cl	NH-methyl
	amino acid	amino acid	CH ₃	Cl	NH-ethyl

TABLE 7-continued

R ²	R ³	X ¹	X ²	Y
amino acid	amino acid	CH ₃	Cl	NH-acetyl
amino acid	amino acid	CH ₃	Cl	OH
amino acid	amino acid	CH ₃	Cl	OMe
amino acid	amino acid	CH ₃	Cl	OEt
amino acid	amino acid	CH ₃	Cl	O-cyclopropyl
amino acid	amino acid	CH ₃	Cl	O-acetyl
amino acid	amino acid	CH ₃	Cl	SH
amino acid	amino acid	CH ₃	Cl	SMe
amino acid	amino acid	CH ₃	Cl	SEt
amino acid	amino acid	CH ₃	Cl	S-cyclopropyl
amino acid	amino acid	CH ₃	Cl	F
amino acid	amino acid	CH ₃	Cl	Cl
amino acid	amino acid	CH ₃	Cl	Br
amino acid	amino acid	CH ₃	Cl	I
amino acid	H	CH ₃	Cl	H
amino acid	H	CH ₃	Cl	NH ₂
amino acid	H	CH ₃	Cl	NH-cyclopropyl
amino acid	H	CH ₃	Cl	NH-methyl
amino acid	H	CH ₃	Cl	NH-ethyl
amino acid	H	CH ₃	Cl	NH-acetyl
amino acid	H	CH ₃	Cl	OH
amino acid	H	CH ₃	Cl	OMe
amino acid	H	CH ₃	Cl	OEt
amino acid	H	CH ₃	Cl	O-cyclopropyl
amino acid	H	CH ₃	Cl	O-acetyl
amino acid	H	CH ₃	Cl	SH
amino acid	H	CH ₃	Cl	SMe
amino acid	H	CH ₃	Cl	SEt
amino acid	H	CH ₃	Cl	S-cyclopropyl
amino acid	H	CH ₃	Cl	F
amino acid	H	CH ₃	Cl	Cl
amino acid	H	CH ₃	Cl	Br
amino acid	H	CH ₃	Cl	I
amino acid	H	CH ₃	Cl	H
amino acid	acyl	CH ₃	Cl	NH ₂
amino acid	acyl	CH ₃	Cl	NH-cyclopropyl
amino acid	acyl	CH ₃	Cl	NH-methyl
amino acid	acyl	CH ₃	Cl	NH-ethyl
amino acid	acyl	CH ₃	Cl	NH-acetyl
amino acid	acyl	CH ₃	Cl	OH
amino acid	acyl	CH ₃	Cl	OMe
amino acid	acyl	CH ₃	Cl	OEt
amino acid	acyl	CH ₃	Cl	O-cyclopropyl
amino acid	acyl	CH ₃	Cl	O-acetyl
amino acid	acyl	CH ₃	Cl	SH
amino acid	acyl	CH ₃	Cl	SMe
amino acid	acyl	CH ₃	Cl	SEt
amino acid	acyl	CH ₃	Cl	S-cyclopropyl
amino acid	acyl	CH ₃	Cl	F
amino acid	acyl	CH ₃	Cl	Cl
amino acid	acyl	CH ₃	Cl	Br
amino acid	acyl	CH ₃	Cl	I
acyl	H	CF ₃	Cl	H
acyl	H	CF ₃	Cl	NH ₂
acyl	H	CF ₃	Cl	NH-cyclopropyl
acyl	H	CF ₃	Cl	NH-methyl
acyl	H	CF ₃	Cl	NH-ethyl
acyl	H	CF ₃	Cl	NH-acetyl
acyl	H	CF ₃	Cl	OH
acyl	H	CF ₃	Cl	OMe
acyl	H	CF ₃	Cl	OEt
acyl	H	CF ₃	Cl	O-cyclopropyl
acyl	H	CF ₃	Cl	O-acetyl
acyl	H	CF ₃	Cl	SH
acyl	H	CF ₃	Cl	SMe
acyl	H	CF ₃	Cl	SEt
acyl	H	CF ₃	Cl	S-cyclopropyl
acyl	H	CF ₃	Cl	F
acyl	H	CF ₃	Cl	Cl
acyl	H	CF ₃	Cl	Br
acyl	H	CF ₃	Cl	I
acyl	acyl	CF ₃	Cl	H
acyl	acyl	CF ₃	Cl	NH ₂
acyl	acyl	CF ₃	Cl	NH-cyclopropyl
acyl	acyl	CF ₃	Cl	NH-methyl
acyl	acyl	CF ₃	Cl	NH-ethyl
acyl	acyl	CF ₃	Cl	NH-acetyl
acyl	acyl	CF ₃	Cl	OH

TABLE 7-continued

R ²	R ³	X ¹	X ²	Y	
5	acyl	acyl	CF ₃	Cl	OH
	acyl	acyl	CF ₃	Cl	OMe
	acyl	acyl	CF ₃	Cl	OEt
	acyl	acyl	CF ₃	Cl	O-cyclopropyl
	acyl	acyl	CF ₃	Cl	O-acetyl
	acyl	acyl	CF ₃	Cl	SH
10	acyl	acyl	CF ₃	Cl	SMe
	acyl	acyl	CF ₃	Cl	SEt
	acyl	acyl	CF ₃	Cl	S-cyclopropyl
	acyl	acyl	CF ₃	Cl	F
	acyl	acyl	CF ₃	Cl	Cl
	acyl	acyl	CF ₃	Cl	Br
15	acyl	acyl	CF ₃	Cl	I
	acyl	amino acid	CF ₃	Cl	H
	acyl	amino acid	CF ₃	Cl	NH ₂
	acyl	amino acid	CF ₃	Cl	NH-cyclopropyl
	acyl	amino acid	CF ₃	Cl	NH-methyl
	acyl	amino acid	CF ₃	Cl	NH-ethyl
20	acyl	amino acid	CF ₃	Cl	NH-acetyl
	acyl	amino acid	CF ₃	Cl	OH
	acyl	amino acid	CF ₃	Cl	OMe
	acyl	amino acid	CF ₃	Cl	OEt
	acyl	amino acid	CF ₃	Cl	O-cyclopropyl
	acyl	amino acid	CF ₃	Cl	O-acetyl
25	acyl	amino acid	CF ₃	Cl	SH
	acyl	amino acid	CF ₃	Cl	SMe
	acyl	amino acid	CF ₃	Cl	SEt
	acyl	amino acid	CF ₃	Cl	S-cyclopropyl
	acyl	amino acid	CF ₃	Cl	F
	acyl	amino acid	CF ₃	Cl	Cl
30	acyl	amino acid	CF ₃	Cl	Br
	acyl	amino acid	CF ₃	Cl	I
	H	acyl	CF ₃	Cl	H
	H	acyl	CF ₃	Cl	NH ₂
	H	acyl	CF ₃	Cl	NH-cyclopropyl
	H	acyl	CF ₃	Cl	NH-methyl
35	H	acyl	CF ₃	Cl	NH-ethyl
	H	acyl	CF ₃	Cl	NH-acetyl
	H	acyl	CF ₃	Cl	OH
	H	acyl	CF ₃	Cl	OMe
	H	acyl	CF ₃	Cl	OEt
	H	acyl	CF ₃	Cl	O-cyclopropyl
40	H	acyl	CF ₃	Cl	O-acetyl
	H	acyl	CF ₃	Cl	SH
	H	acyl	CF ₃	Cl	SMe
	H	acyl	CF ₃	Cl	SEt
	H	acyl	CF ₃	Cl	S-cyclopropyl
	H	acyl	CF ₃	Cl	F
45	H	acyl	CF ₃	Cl	Cl
	H	acyl	CF ₃	Cl	Br
	H	acyl	CF ₃	Cl	I
	H	amino acid	CF ₃	Cl	H
	H	amino acid	CF ₃	Cl	NH ₂
	H	amino acid	CF ₃	Cl	NH-cyclopropyl
50	H	amino acid	CF ₃	Cl	NH-methyl
	H	amino acid	CF ₃	Cl	NH-ethyl
	H	amino acid	CF ₃	Cl	NH-acetyl
	H	amino acid	CF ₃	Cl	OH
	H	amino acid	CF ₃	Cl	OMe
	H	amino acid	CF ₃	Cl	OEt
55	H	amino acid	CF ₃	Cl	O-cyclopropyl
	H	amino acid	CF ₃	Cl	O-acetyl
	H	amino acid	CF ₃	Cl	SH
	H	amino acid	CF ₃	Cl	SMe
	H	amino acid	CF ₃	Cl	SEt
	H	amino acid	CF ₃	Cl	S-cyclopropyl
60	H	amino acid	CF ₃	Cl	F
	H	amino acid	CF ₃	Cl	Cl
	H	amino acid	CF ₃	Cl	Br
	H	amino acid	CF ₃	Cl	I
	amino acid	amino acid	CF ₃	Cl	H
	amino acid	amino acid	CF ₃	Cl	NH ₂
65	amino acid	amino acid	CF ₃	Cl	NH-cyclopropyl
	amino acid	amino acid	CF ₃	Cl	NH-methyl
	amino acid	amino acid	CF ₃	Cl	NH-ethyl
	amino acid	amino acid	CF ₃	Cl	NH-acetyl
	amino acid	amino acid	CF ₃	Cl	OH

TABLE 7-continued

R ²	R ³	X ¹	X ²	Y
amino acid	amino acid	CF ₃	Cl	OMe
amino acid	amino acid	CF ₃	Cl	OEt
amino acid	amino acid	CF ₃	Cl	O-cyclopropyl
amino acid	amino acid	CF ₃	Cl	O-acetyl
amino acid	amino acid	CF ₃	Cl	SH
amino acid	amino acid	CF ₃	Cl	SMe
amino acid	amino acid	CF ₃	Cl	SEt
amino acid	amino acid	CF ₃	Cl	S-cyclopropyl
amino acid	amino acid	CF ₃	Cl	F
amino acid	amino acid	CF ₃	Cl	Cl
amino acid	amino acid	CF ₃	Cl	Br
amino acid	amino acid	CF ₃	Cl	I
amino acid	H	CF ₃	Cl	H
amino acid	H	CF ₃	Cl	NH ₂
amino acid	H	CF ₃	Cl	NH-cyclopropyl
amino acid	H	CF ₃	Cl	NH-methyl
amino acid	H	CF ₃	Cl	NH-ethyl
amino acid	H	CF ₃	Cl	NH-acetyl
amino acid	H	CF ₃	Cl	OH
amino acid	H	CF ₃	Cl	OMe
amino acid	H	CF ₃	Cl	OEt
amino acid	H	CF ₃	Cl	O-cyclopropyl
amino acid	H	CF ₃	Cl	O-acetyl
amino acid	H	CF ₃	Cl	SH
amino acid	H	CF ₃	Cl	SMe
amino acid	H	CF ₃	Cl	SEt
amino acid	H	CF ₃	Cl	S-cyclopropyl
amino acid	H	CF ₃	Cl	F
amino acid	H	CF ₃	Cl	Cl
amino acid	H	CF ₃	Cl	Br
amino acid	H	CF ₃	Cl	I
amino acid	acyl	CF ₃	Cl	H
amino acid	acyl	CF ₃	Cl	NH ₂
amino acid	acyl	CF ₃	Cl	NH-cyclopropyl
amino acid	acyl	CF ₃	Cl	NH-methyl
amino acid	acyl	CF ₃	Cl	NH-ethyl
amino acid	acyl	CF ₃	Cl	NH-acetyl
amino acid	acyl	CF ₃	Cl	OH
amino acid	acyl	CF ₃	Cl	OMe
amino acid	acyl	CF ₃	Cl	OEt
amino acid	acyl	CF ₃	Cl	O-cyclopropyl
amino acid	acyl	CF ₃	Cl	O-acetyl
amino acid	acyl	CF ₃	Cl	SH
amino acid	acyl	CF ₃	Cl	SMe
amino acid	acyl	CF ₃	Cl	SEt
amino acid	acyl	CF ₃	Cl	S-cyclopropyl
amino acid	acyl	CF ₃	Cl	F
amino acid	acyl	CF ₃	Cl	Cl
amino acid	acyl	CF ₃	Cl	Br
amino acid	acyl	CF ₃	Cl	I
acyl	H	Br	Cl	H
acyl	H	Br	Cl	NH ₂
acyl	H	Br	Cl	NH-cyclopropyl
acyl	H	Br	Cl	NH-methyl
acyl	H	Br	Cl	NH-ethyl
acyl	H	Br	Cl	NH-acetyl
acyl	H	Br	Cl	OH
acyl	H	Br	Cl	OMe
acyl	H	Br	Cl	OEt
acyl	H	Br	Cl	O-cyclopropyl
acyl	H	Br	Cl	O-acetyl
acyl	H	Br	Cl	SH
acyl	H	Br	Cl	SMe
acyl	H	Br	Cl	SEt
acyl	H	Br	Cl	S-cyclopropyl
acyl	H	Br	Cl	F
acyl	H	Br	Cl	Cl
acyl	H	Br	Cl	Br
acyl	H	Br	Cl	I
acyl	acyl	Br	Cl	H
acyl	acyl	Br	Cl	NH ₂
acyl	acyl	Br	Cl	NH-cyclopropyl
acyl	acyl	Br	Cl	NH-methyl
acyl	acyl	Br	Cl	NH-ethyl
acyl	acyl	Br	Cl	NH-acetyl
acyl	acyl	Br	Cl	OH
acyl	acyl	Br	Cl	OMe

TABLE 7-continued

	R ²	R ³	X ¹	X ²	Y
5	acyl	acyl	Br	Cl	OEt
	acyl	acyl	Br	Cl	O-cyclopropyl
	acyl	acyl	Br	Cl	O-acetyl
	acyl	acyl	Br	Cl	SH
	acyl	acyl	Br	Cl	SMe
	acyl	acyl	Br	Cl	SEt
10	acyl	acyl	Br	Cl	S-cyclopropyl
	acyl	acyl	Br	Cl	F
	acyl	acyl	Br	Cl	Cl
	acyl	acyl	Br	Cl	Br
	acyl	acyl	Br	Cl	I
	acyl	amino acid	Br	Cl	H
15	acyl	amino acid	Br	Cl	NH ₂
	acyl	amino acid	Br	Cl	NH-cyclopropyl
	acyl	amino acid	Br	Cl	NH-methyl
	acyl	amino acid	Br	Cl	NH-ethyl
	acyl	amino acid	Br	Cl	NH-acetyl
	acyl	amino acid	Br	Cl	OH
20	acyl	amino acid	Br	Cl	OMe
	acyl	amino acid	Br	Cl	OEt
	acyl	amino acid	Br	Cl	O-cyclopropyl
	acyl	amino acid	Br	Cl	O-acetyl
	acyl	amino acid	Br	Cl	SH
	acyl	amino acid	Br	Cl	SMe
	acyl	amino acid	Br	Cl	SEt
25	acyl	amino acid	Br	Cl	S-cyclopropyl
	acyl	amino acid	Br	Cl	F
	acyl	amino acid	Br	Cl	Cl
	acyl	amino acid	Br	Cl	Br
	acyl	amino acid	Br	Cl	I
	H	acyl	Br	Cl	H
30	H	acyl	Br	Cl	NH ₂
	H	acyl	Br	Cl	NH-cyclopropyl
	H	acyl	Br	Cl	NH-methyl
	H	acyl	Br	Cl	NH-ethyl
	H	acyl	Br	Cl	NH-acetyl
	H	acyl	Br	Cl	OH
35	H	acyl	Br	Cl	OMe
	H	acyl	Br	Cl	OEt
	H	acyl	Br	Cl	O-cyclopropyl
	H	acyl	Br	Cl	O-acetyl
	H	acyl	Br	Cl	SH
	H	acyl	Br	Cl	SMe
	H	acyl	Br	Cl	SEt
40	H	acyl	Br	Cl	S-cyclopropyl
	H	acyl	Br	Cl	F
	H	acyl	Br	Cl	Cl
	H	acyl	Br	Cl	Br
	H	acyl	Br	Cl	I
	H	amino acid	Br	Cl	H
45	H	amino acid	Br	Cl	NH ₂
	H	amino acid	Br	Cl	NH-cyclopropyl
	H	amino acid	Br	Cl	NH-methyl
	H	amino acid	Br	Cl	NH-ethyl
	H	amino acid	Br	Cl	NH-acetyl
	H	amino acid	Br	Cl	OH
50	H	amino acid	Br	Cl	OMe
	H	amino acid	Br	Cl	OEt
	H	amino acid	Br	Cl	O-cyclopropyl
	H	amino acid	Br	Cl	O-acetyl
	H	amino acid	Br	Cl	SH
	H	amino acid	Br	Cl	SMe
55	H	amino acid	Br	Cl	SEt
	H	amino acid	Br	Cl	S-cyclopropyl
	H	amino acid	Br	Cl	F
	H	amino acid	Br	Cl	Cl
	H	amino acid	Br	Cl	Br
	H	amino acid	Br	Cl	I
	amino acid	amino acid	Br	Cl	H
60	amino acid	amino acid	Br	Cl	NH ₂
	amino acid	amino acid	Br	Cl	NH-cyclopropyl
	amino acid	amino acid	Br	Cl	NH-methyl
	amino acid	amino acid	Br	Cl	NH-ethyl
	amino acid	amino acid	Br	Cl	NH-acetyl
	amino acid	amino acid	Br	Cl	OH
65	amino acid	amino acid	Br	Cl	OMe
	amino acid	amino acid	Br	Cl	OEt

TABLE 7-continued

R ²	R ³	X ¹	X ²	Y
amino acid	amino acid	Br	Cl	O-cyclopropyl
amino acid	amino acid	Br	Cl	O-acetyl
amino acid	amino acid	Br	Cl	SH
amino acid	amino acid	Br	Cl	SMe
amino acid	amino acid	Br	Cl	SEt
amino acid	amino acid	Br	Cl	S-cyclopropyl
amino acid	amino acid	Br	Cl	F
amino acid	amino acid	Br	Cl	Cl
amino acid	amino acid	Br	Cl	Br
amino acid	amino acid	Br	Cl	I
amino acid	amino acid	Br	Cl	H
amino acid	H	Br	Cl	H
amino acid	H	Br	Cl	NH ₂
amino acid	H	Br	Cl	NH-cyclopropyl
amino acid	H	Br	Cl	NH-methyl
amino acid	H	Br	Cl	NH-ethyl
amino acid	H	Br	Cl	NH-acetyl
amino acid	H	Br	Cl	OH
amino acid	H	Br	Cl	OMe
amino acid	H	Br	Cl	OEt
amino acid	H	Br	Cl	O-cyclopropyl
amino acid	H	Br	Cl	O-acetyl
amino acid	H	Br	Cl	SH
amino acid	H	Br	Cl	SMe
amino acid	H	Br	Cl	SEt
amino acid	H	Br	Cl	S-cyclopropyl
amino acid	H	Br	Cl	F
amino acid	H	Br	Cl	Cl
amino acid	H	Br	Cl	Br
amino acid	H	Br	Cl	I
amino acid	acyl	Br	Cl	H
amino acid	acyl	Br	Cl	NH ₂
amino acid	acyl	Br	Cl	NH-cyclopropyl
amino acid	acyl	Br	Cl	NH-methyl
amino acid	acyl	Br	Cl	NH-ethyl
amino acid	acyl	Br	Cl	NH-acetyl
amino acid	acyl	Br	Cl	OH
amino acid	acyl	Br	Cl	OMe
amino acid	acyl	Br	Cl	OEt
amino acid	acyl	Br	Cl	O-cyclopropyl
amino acid	acyl	Br	Cl	O-acetyl
amino acid	acyl	Br	Cl	SH
amino acid	acyl	Br	Cl	SMe
amino acid	acyl	Br	Cl	SEt
amino acid	acyl	Br	Cl	S-cyclopropyl
amino acid	acyl	Br	Cl	F
amino acid	acyl	Br	Cl	Cl
amino acid	acyl	Br	Cl	Br
amino acid	acyl	Br	Cl	I
acyl	H	Cl	Cl	H
acyl	H	Cl	Cl	NH ₂
acyl	H	Cl	Cl	NH-cyclopropyl
acyl	H	Cl	Cl	NH-methyl
acyl	H	Cl	Cl	NH-ethyl
acyl	H	Cl	Cl	NH-acetyl
acyl	H	Cl	Cl	OH
acyl	H	Cl	Cl	OMe
acyl	H	Cl	Cl	OEt
acyl	H	Cl	Cl	O-cyclopropyl
acyl	H	Cl	Cl	O-acetyl
acyl	H	Cl	Cl	SH
acyl	H	Cl	Cl	SMe
acyl	H	Cl	Cl	SEt
acyl	H	Cl	Cl	S-cyclopropyl
acyl	H	Cl	Cl	F
acyl	H	Cl	Cl	Cl
acyl	H	Cl	Cl	Br
acyl	H	Cl	Cl	I
acyl	H	Cl	Cl	H
acyl	acyl	Cl	Cl	NH ₂
acyl	acyl	Cl	Cl	NH-cyclopropyl
acyl	acyl	Cl	Cl	NH-methyl
acyl	acyl	Cl	Cl	NH-ethyl
acyl	acyl	Cl	Cl	NH-acetyl
acyl	acyl	Cl	Cl	OH
acyl	acyl	Cl	Cl	OMe
acyl	acyl	Cl	Cl	OEt
acyl	acyl	Cl	Cl	O-cyclopropyl
acyl	acyl	Cl	Cl	O-acetyl

TABLE 7-continued

R ²	R ³	X ¹	X ²	Y
5	acyl	acyl	Cl	O-acetyl
	acyl	acyl	Cl	SH
	acyl	acyl	Cl	SMe
	acyl	acyl	Cl	SEt
	acyl	acyl	Cl	S-cyclopropyl
	acyl	acyl	Cl	F
10	acyl	acyl	Cl	Cl
	acyl	acyl	Cl	Br
	acyl	acyl	Cl	I
	acyl	amino acid	Cl	H
	acyl	amino acid	Cl	NH ₂
	acyl	amino acid	Cl	NH-cyclopropyl
15	acyl	amino acid	Cl	NH-methyl
	acyl	amino acid	Cl	NH-ethyl
	acyl	amino acid	Cl	NH-acetyl
	acyl	amino acid	Cl	OH
	acyl	amino acid	Cl	OMe
	acyl	amino acid	Cl	OEt
20	acyl	amino acid	Cl	O-cyclopropyl
	acyl	amino acid	Cl	O-acetyl
	acyl	amino acid	Cl	SH
	acyl	amino acid	Cl	SMe
	acyl	amino acid	Cl	SEt
	acyl	amino acid	Cl	S-cyclopropyl
	acyl	amino acid	Cl	F
25	acyl	amino acid	Cl	Cl
	acyl	amino acid	Cl	Br
	acyl	amino acid	Cl	I
	H	acyl	Cl	H
	H	acyl	Cl	NH ₂
	H	acyl	Cl	NH-cyclopropyl
30	H	acyl	Cl	NH-methyl
	H	acyl	Cl	NH-ethyl
	H	acyl	Cl	NH-acetyl
	H	acyl	Cl	OH
	H	acyl	Cl	OMe
	H	acyl	Cl	OEt
35	H	acyl	Cl	O-cyclopropyl
	H	acyl	Cl	O-acetyl
	H	acyl	Cl	SH
	H	acyl	Cl	SMe
	H	acyl	Cl	SEt
	H	acyl	Cl	S-cyclopropyl
	H	acyl	Cl	F
40	H	acyl	Cl	Cl
	H	acyl	Cl	Br
	H	acyl	Cl	I
	H	amino acid	Cl	H
	H	amino acid	Cl	NH ₂
	H	amino acid	Cl	NH-cyclopropyl
45	H	amino acid	Cl	NH-methyl
	H	amino acid	Cl	NH-ethyl
	H	amino acid	Cl	NH-acetyl
	H	amino acid	Cl	OH
	H	amino acid	Cl	OMe
	H	amino acid	Cl	OEt
50	H	amino acid	Cl	O-cyclopropyl
	H	amino acid	Cl	O-acetyl
	H	amino acid	Cl	SH
	H	amino acid	Cl	SMe
	H	amino acid	Cl	SEt
	H	amino acid	Cl	S-cyclopropyl
	H	amino acid	Cl	F
55	H	amino acid	Cl	Cl
	H	amino acid	Cl	Br
	H	amino acid	Cl	I
	H	amino acid	Cl	H
	amino acid	amino acid	Cl	NH ₂
	amino acid	amino acid	Cl	NH-cyclopropyl
60	amino acid	amino acid	Cl	NH-methyl
	amino acid	amino acid	Cl	NH-ethyl
	amino acid	amino acid	Cl	NH-acetyl
	amino acid	amino acid	Cl	OH
	amino acid	amino acid	Cl	OMe
	amino acid	amino acid	Cl	OEt
65	amino acid	amino acid	Cl	O-cyclopropyl
	amino acid	amino acid	Cl	O-acetyl

TABLE 7-continued

R ²	R ³	X ¹	X ²	Y
amino acid	amino acid	Cl	Cl	SH
amino acid	amino acid	Cl	Cl	SMe
amino acid	amino acid	Cl	Cl	SEt
amino acid	amino acid	Cl	Cl	S-cyclopropyl
amino acid	amino acid	Cl	Cl	F
amino acid	amino acid	Cl	Cl	Cl
amino acid	amino acid	Cl	Cl	Br
amino acid	amino acid	Cl	Cl	I
amino acid	H	Cl	Cl	H
amino acid	H	Cl	Cl	NH ₂
amino acid	H	Cl	Cl	NH-cyclopropyl
amino acid	H	Cl	Cl	NH-methyl
amino acid	H	Cl	Cl	NH-ethyl
amino acid	H	Cl	Cl	NH-acetyl
amino acid	H	Cl	Cl	OH
amino acid	H	Cl	Cl	OMe
amino acid	H	Cl	Cl	OEt
amino acid	H	Cl	Cl	O-cyclopropyl
amino acid	H	Cl	Cl	O-acetyl
amino acid	H	Cl	Cl	SH
amino acid	H	Cl	Cl	SMe
amino acid	H	Cl	Cl	SEt
amino acid	H	Cl	Cl	S-cyclopropyl
amino acid	H	Cl	Cl	F
amino acid	H	Cl	Cl	Cl
amino acid	H	Cl	Cl	Br
amino acid	H	Cl	Cl	I
amino acid	acyl	Cl	Cl	H
amino acid	acyl	Cl	Cl	NH ₂
amino acid	acyl	Cl	Cl	NH-cyclopropyl
amino acid	acyl	Cl	Cl	NH-methyl
amino acid	acyl	Cl	Cl	NH-ethyl
amino acid	acyl	Cl	Cl	NH-acetyl
amino acid	acyl	Cl	Cl	OH
amino acid	acyl	Cl	Cl	OMe
amino acid	acyl	Cl	Cl	OEt
amino acid	acyl	Cl	Cl	O-cyclopropyl
amino acid	acyl	Cl	Cl	O-acetyl
amino acid	acyl	Cl	Cl	SH
amino acid	acyl	Cl	Cl	SMe
amino acid	acyl	Cl	Cl	SEt
amino acid	acyl	Cl	Cl	S-cyclopropyl
amino acid	acyl	Cl	Cl	F
amino acid	acyl	Cl	Cl	Cl
amino acid	acyl	Cl	Cl	Br
amino acid	acyl	Cl	Cl	I
acyl	H	F	Cl	H
acyl	H	F	Cl	NH ₂
acyl	H	F	Cl	NH-cyclopropyl
acyl	H	F	Cl	NH-methyl
acyl	H	F	Cl	NH-ethyl
acyl	H	F	Cl	NH-acetyl
acyl	H	F	Cl	OH
acyl	H	F	Cl	OMe
acyl	H	F	Cl	OEt
acyl	H	F	Cl	O-cyclopropyl
acyl	H	F	Cl	O-acetyl
acyl	H	F	Cl	SH
acyl	H	F	Cl	SMe
acyl	H	F	Cl	SEt
acyl	H	F	Cl	S-cyclopropyl
acyl	H	F	Cl	F
acyl	H	F	Cl	Cl
acyl	H	F	Cl	Br
acyl	H	F	Cl	I
acyl	acyl	F	Cl	H
acyl	acyl	F	Cl	NH ₂
acyl	acyl	F	Cl	NH-cyclopropyl
acyl	acyl	F	Cl	NH-methyl
acyl	acyl	F	Cl	NH-ethyl
acyl	acyl	F	Cl	NH-acetyl
acyl	acyl	F	Cl	OH
acyl	acyl	F	Cl	OMe
acyl	acyl	F	Cl	OEt
acyl	acyl	F	Cl	O-cyclopropyl
acyl	acyl	F	Cl	O-acetyl
acyl	acyl	F	Cl	SH
acyl	acyl	F	Cl	SMe
acyl	acyl	F	Cl	SEt
acyl	acyl	F	Cl	S-cyclopropyl
acyl	acyl	F	Cl	F
acyl	acyl	F	Cl	Cl
acyl	acyl	F	Cl	Br
acyl	acyl	F	Cl	I
acyl	acyl	F	Cl	H
acyl	acyl	F	Cl	NH ₂
acyl	acyl	F	Cl	NH-cyclopropyl
acyl	acyl	F	Cl	NH-methyl
acyl	acyl	F	Cl	NH-ethyl
acyl	acyl	F	Cl	NH-acetyl
acyl	acyl	F	Cl	OH
acyl	acyl	F	Cl	OMe
acyl	acyl	F	Cl	OEt
acyl	acyl	F	Cl	O-cyclopropyl
acyl	acyl	F	Cl	O-acetyl
acyl	acyl	F	Cl	SH
acyl	acyl	F	Cl	SMe

TABLE 7-continued

R ²	R ³	X ¹	X ²	Y	
5	acyl	acyl	F	Cl	SMe
	acyl	acyl	F	Cl	SEt
	acyl	acyl	F	Cl	S-cyclopropyl
	acyl	acyl	F	Cl	F
	acyl	acyl	F	Cl	Cl
10	acyl	acyl	F	Cl	Br
	acyl	acyl	F	Cl	I
	acyl	amino acid	F	Cl	H
	acyl	amino acid	F	Cl	NH ₂
	acyl	amino acid	F	Cl	NH-cyclopropyl
15	acyl	amino acid	F	Cl	NH-methyl
	acyl	amino acid	F	Cl	NH-ethyl
	acyl	amino acid	F	Cl	NH-acetyl
	acyl	amino acid	F	Cl	OH
	acyl	amino acid	F	Cl	OMe
20	acyl	amino acid	F	Cl	OEt
	acyl	amino acid	F	Cl	O-cyclopropyl
	acyl	amino acid	F	Cl	O-acetyl
	acyl	amino acid	F	Cl	SH
	acyl	amino acid	F	Cl	SMe
25	acyl	amino acid	F	Cl	SEt
	acyl	amino acid	F	Cl	S-cyclopropyl
	acyl	amino acid	F	Cl	F
	acyl	amino acid	F	Cl	Cl
	acyl	amino acid	F	Cl	Br
30	acyl	amino acid	F	Cl	I
	H	acyl	F	Cl	H
	H	acyl	F	Cl	NH ₂
	H	acyl	F	Cl	NH-cyclopropyl
	H	acyl	F	Cl	NH-methyl
35	H	acyl	F	Cl	NH-ethyl
	H	acyl	F	Cl	NH-acetyl
	H	acyl	F	Cl	OH
	H	acyl	F	Cl	OMe
	H	acyl	F	Cl	OEt
40	H	acyl	F	Cl	O-cyclopropyl
	H	acyl	F	Cl	O-acetyl
	H	acyl	F	Cl	SH
	H	acyl	F	Cl	SMe
	H	acyl	F	Cl	SEt
45	H	acyl	F	Cl	S-cyclopropyl
	H	acyl	F	Cl	F
	H	acyl	F	Cl	Cl
	H	acyl	F	Cl	Br
	H	acyl	F	Cl	I
50	H	amino acid	F	Cl	H
	H	amino acid	F	Cl	NH ₂
	H	amino acid	F	Cl	NH-cyclopropyl
	H	amino acid	F	Cl	NH-methyl
	H	amino acid	F	Cl	NH-ethyl
55	H	amino acid	F	Cl	NH-acetyl
	H	amino acid	F	Cl	OH
	H	amino acid	F	Cl	OMe
	H	amino acid	F	Cl	OEt
	H	amino acid	F	Cl	O-cyclopropyl
60	H	amino acid	F	Cl	O-acetyl
	H	amino acid	F	Cl	SH
	H	amino acid	F	Cl	SMe
	H	amino acid	F	Cl	SEt
	H	amino acid	F	Cl	S-cyclopropyl
65	H	amino acid	F	Cl	F
	H	amino acid	F	Cl	Cl
	H	amino acid	F	Cl	Br
	H	amino acid	F	Cl	I
	amino acid	amino acid	F	Cl	H
	amino acid	amino acid	F	Cl	NH ₂
	amino acid	amino acid	F	Cl	NH-cyclopropyl
	amino acid	amino acid	F	Cl	NH-methyl
	amino acid	amino acid	F	Cl	NH-ethyl
	amino acid	amino acid	F	Cl	NH-acetyl
	amino acid	amino acid	F	Cl	OH
	amino acid	amino acid	F	Cl	OMe
	amino acid	amino acid	F	Cl	OEt
	amino acid	amino acid	F	Cl	O-cyclopropyl
	amino acid	amino acid	F	Cl	O-acetyl
	amino acid	amino acid	F	Cl	SH
	amino acid	amino acid	F	Cl	SMe

TABLE 7-continued

R ²	R ³	X ¹	X ²	Y
amino acid	amino acid	F	Cl	SEt
amino acid	amino acid	F	Cl	S-cyclopropyl
amino acid	amino acid	F	Cl	F
amino acid	amino acid	F	Cl	Cl
amino acid	amino acid	F	Cl	Br
amino acid	amino acid	F	Cl	I
amino acid	H	F	Cl	H
amino acid	H	F	Cl	NH ₂
amino acid	H	F	Cl	NH-cyclopropyl
amino acid	H	F	Cl	NH-methyl
amino acid	H	F	Cl	NH-ethyl
amino acid	H	F	Cl	NH-acetyl
amino acid	H	F	Cl	OH
amino acid	H	F	Cl	OMe
amino acid	H	F	Cl	OEt
amino acid	H	F	Cl	O-cyclopropyl
amino acid	H	F	Cl	O-acetyl
amino acid	H	F	Cl	SH
amino acid	H	F	Cl	SMe
amino acid	H	F	Cl	SEt
amino acid	H	F	Cl	S-cyclopropyl
amino acid	H	F	Cl	F
amino acid	H	F	Cl	Cl
amino acid	H	F	Cl	Br
amino acid	H	F	Cl	I
amino acid	H	F	Cl	H
amino acid	acyl	F	Cl	H
amino acid	acyl	F	Cl	NH ₂
amino acid	acyl	F	Cl	NH-cyclopropyl
amino acid	acyl	F	Cl	NH-methyl
amino acid	acyl	F	Cl	NH-ethyl
amino acid	acyl	F	Cl	NH-acetyl
amino acid	acyl	F	Cl	OH
amino acid	acyl	F	Cl	OMe
amino acid	acyl	F	Cl	OEt
amino acid	acyl	F	Cl	O-cyclopropyl
amino acid	acyl	F	Cl	O-acetyl
amino acid	acyl	F	Cl	SH
amino acid	acyl	F	Cl	SMe
amino acid	acyl	F	Cl	SEt
amino acid	acyl	F	Cl	S-cyclopropyl
amino acid	acyl	F	Cl	F
amino acid	acyl	F	Cl	Cl
amino acid	acyl	F	Cl	Br
amino acid	acyl	F	Cl	I
amino acid	H	NH ₂	Cl	H
acyl	H	NH ₂	Cl	NH ₂
acyl	H	NH ₂	Cl	NH-cyclopropyl
acyl	H	NH ₂	Cl	NH-methyl
acyl	H	NH ₂	Cl	NH-ethyl
acyl	H	NH ₂	Cl	NH-acetyl
acyl	H	NH ₂	Cl	OH
acyl	H	NH ₂	Cl	OMe
acyl	H	NH ₂	Cl	OEt
acyl	H	NH ₂	Cl	O-cyclopropyl
acyl	H	NH ₂	Cl	O-acetyl
acyl	H	NH ₂	Cl	SH
acyl	H	NH ₂	Cl	SMe
acyl	H	NH ₂	Cl	SEt
acyl	H	NH ₂	Cl	S-cyclopropyl
acyl	H	NH ₂	Cl	F
acyl	H	NH ₂	Cl	Cl
acyl	H	NH ₂	Cl	Br
acyl	H	NH ₂	Cl	I
acyl	H	NH ₂	Cl	H
acyl	acyl	NH ₂	Cl	NH ₂
acyl	acyl	NH ₂	Cl	NH-cyclopropyl
acyl	acyl	NH ₂	Cl	NH-methyl
acyl	acyl	NH ₂	Cl	NH-ethyl
acyl	acyl	NH ₂	Cl	NH-acetyl
acyl	acyl	NH ₂	Cl	OH
acyl	acyl	NH ₂	Cl	OMe
acyl	acyl	NH ₂	Cl	OEt
acyl	acyl	NH ₂	Cl	O-cyclopropyl
acyl	acyl	NH ₂	Cl	O-acetyl
acyl	acyl	NH ₂	Cl	SH
acyl	acyl	NH ₂	Cl	SMe
acyl	acyl	NH ₂	Cl	SEt
acyl	acyl	NH ₂	Cl	S-cyclopropyl

TABLE 7-continued

R ²	R ³	X ¹	X ²	Y	
5	acyl	acyl	NH ₂	Cl	S-cyclopropyl
	acyl	acyl	NH ₂	Cl	F
	acyl	acyl	NH ₂	Cl	Cl
	acyl	acyl	NH ₂	Cl	Br
	acyl	acyl	NH ₂	Cl	I
	acyl	amino acid	NH ₂	Cl	H
10	acyl	amino acid	NH ₂	Cl	NH ₂
	acyl	amino acid	NH ₂	Cl	NH-cyclopropyl
	acyl	amino acid	NH ₂	Cl	NH-methyl
	acyl	amino acid	NH ₂	Cl	NH-ethyl
	acyl	amino acid	NH ₂	Cl	NH-acetyl
	acyl	amino acid	NH ₂	Cl	OH
15	acyl	amino acid	NH ₂	Cl	OMe
	acyl	amino acid	NH ₂	Cl	OEt
	acyl	amino acid	NH ₂	Cl	O-cyclopropyl
	acyl	amino acid	NH ₂	Cl	O-acetyl
	acyl	amino acid	NH ₂	Cl	SH
	acyl	amino acid	NH ₂	Cl	SMe
	acyl	amino acid	NH ₂	Cl	SEt
20	acyl	amino acid	NH ₂	Cl	S-cyclopropyl
	acyl	amino acid	NH ₂	Cl	F
	acyl	amino acid	NH ₂	Cl	Cl
	acyl	amino acid	NH ₂	Cl	Br
	acyl	amino acid	NH ₂	Cl	I
	H	acyl	NH ₂	Cl	H
25	H	acyl	NH ₂	Cl	NH ₂
	H	acyl	NH ₂	Cl	NH-cyclopropyl
	H	acyl	NH ₂	Cl	NH-methyl
	H	acyl	NH ₂	Cl	NH-ethyl
	H	acyl	NH ₂	Cl	NH-acetyl
	H	acyl	NH ₂	Cl	OH
30	H	acyl	NH ₂	Cl	OMe
	H	acyl	NH ₂	Cl	OEt
	H	acyl	NH ₂	Cl	O-cyclopropyl
	H	acyl	NH ₂	Cl	O-acetyl
	H	acyl	NH ₂	Cl	SH
	H	acyl	NH ₂	Cl	SMe
35	H	acyl	NH ₂	Cl	SEt
	H	acyl	NH ₂	Cl	S-cyclopropyl
	H	acyl	NH ₂	Cl	F
	H	acyl	NH ₂	Cl	Cl
	H	acyl	NH ₂	Cl	Br
	H	acyl	NH ₂	Cl	I
	H	amino acid	NH ₂	Cl	H
40	H	amino acid	NH ₂	Cl	NH ₂
	H	amino acid	NH ₂	Cl	NH-cyclopropyl
	H	amino acid	NH ₂	Cl	NH-methyl
	H	amino acid	NH ₂	Cl	NH-ethyl
	H	amino acid	NH ₂	Cl	NH-acetyl
	H	amino acid	NH ₂	Cl	OH
45	H	amino acid	NH ₂	Cl	OMe
	H	amino acid	NH ₂	Cl	OEt
	H	amino acid	NH ₂	Cl	O-cyclopropyl
	H	amino acid	NH ₂	Cl	O-acetyl
	H	amino acid	NH ₂	Cl	SH
	H	amino acid	NH ₂	Cl	SMe
	H	amino acid	NH ₂	Cl	SEt
50	H	amino acid	NH ₂	Cl	S-cyclopropyl
	H	amino acid	NH ₂	Cl	F
	H	amino acid	NH ₂	Cl	Cl
	H	amino acid	NH ₂	Cl	Br
	H	amino acid	NH ₂	Cl	I
	H	amino acid	NH ₂	Cl	H
55	amino acid	amino acid	NH ₂	Cl	NH ₂
	amino acid	amino acid	NH ₂	Cl	NH-cyclopropyl
	amino acid	amino acid	NH ₂	Cl	NH-methyl
	amino acid	amino acid	NH ₂	Cl	NH-ethyl
	amino acid	amino acid	NH ₂	Cl	NH-acetyl
	amino acid	amino acid	NH ₂	Cl	OH
60	amino acid	amino acid	NH ₂	Cl	OMe
	amino acid	amino acid	NH ₂	Cl	OEt
	amino acid	amino acid	NH ₂	Cl	O-cyclopropyl
	amino acid	amino acid	NH ₂	Cl	O-acetyl
	amino acid	amino acid	NH ₂	Cl	SH
	amino acid	amino acid	NH ₂	Cl	SMe
65	amino acid	amino acid	NH ₂	Cl	SEt
	amino acid	amino acid	NH ₂	Cl	S-cyclopropyl

TABLE 7-continued

R ²	R ³	X ¹	X ²	Y
amino acid	amino acid	NH ₂	Cl	F
amino acid	amino acid	NH ₂	Cl	Cl
amino acid	amino acid	NH ₂	Cl	Br
amino acid	amino acid	NH ₂	Cl	I
amino acid	H	NH ₂	Cl	H
amino acid	H	NH ₂	Cl	NH ₂
amino acid	H	NH ₂	Cl	NH-cyclopropyl
amino acid	H	NH ₂	Cl	NH-methyl
amino acid	H	NH ₂	Cl	NH-ethyl
amino acid	H	NH ₂	Cl	NH-acetyl
amino acid	H	NH ₂	Cl	OH
amino acid	H	NH ₂	Cl	OMe
amino acid	H	NH ₂	Cl	OEt
amino acid	H	NH ₂	Cl	O-cyclopropyl
amino acid	H	NH ₂	Cl	O-acetyl
amino acid	H	NH ₂	Cl	SH
amino acid	H	NH ₂	Cl	SMe
amino acid	H	NH ₂	Cl	SEt
amino acid	H	NH ₂	Cl	S-cyclopropyl
amino acid	H	NH ₂	Cl	F
amino acid	H	NH ₂	Cl	Cl
amino acid	H	NH ₂	Cl	Br
amino acid	H	NH ₂	Cl	I
amino acid	H	NH ₂	Cl	H
amino acid	acyl	NH ₂	Cl	NH ₂
amino acid	acyl	NH ₂	Cl	NH-cyclopropyl
amino acid	acyl	NH ₂	Cl	NH-methyl
amino acid	acyl	NH ₂	Cl	NH-ethyl
amino acid	acyl	NH ₂	Cl	NH-acetyl
amino acid	acyl	NH ₂	Cl	OH
amino acid	acyl	NH ₂	Cl	OMe
amino acid	acyl	NH ₂	Cl	OEt
amino acid	acyl	NH ₂	Cl	O-cyclopropyl
amino acid	acyl	NH ₂	Cl	O-acetyl
amino acid	acyl	NH ₂	Cl	SH
amino acid	acyl	NH ₂	Cl	SMe
amino acid	acyl	NH ₂	Cl	SEt
amino acid	acyl	NH ₂	Cl	S-cyclopropyl
amino acid	acyl	NH ₂	Cl	F
amino acid	acyl	NH ₂	Cl	Cl
amino acid	acyl	NH ₂	Cl	Br
amino acid	acyl	NH ₂	Cl	I
acyl	H	SH	Cl	H
acyl	H	SH	Cl	NH ₂
acyl	H	SH	Cl	NH-cyclopropyl
acyl	H	SH	Cl	NH-methyl
acyl	H	SH	Cl	NH-ethyl
acyl	H	SH	Cl	NH-acetyl
acyl	H	SH	Cl	OH
acyl	H	SH	Cl	OMe
acyl	H	SH	Cl	OEt
acyl	H	SH	Cl	O-cyclopropyl
acyl	H	SH	Cl	O-acetyl
acyl	H	SH	Cl	SH
acyl	H	SH	Cl	SMe
acyl	H	SH	Cl	SEt
acyl	H	SH	Cl	S-cyclopropyl
acyl	H	SH	Cl	F
acyl	H	SH	Cl	Cl
acyl	H	SH	Cl	Br
acyl	H	SH	Cl	I
acyl	H	SH	Cl	H
acyl	acyl	SH	Cl	NH ₂
acyl	acyl	SH	Cl	NH-cyclopropyl
acyl	acyl	SH	Cl	NH-methyl
acyl	acyl	SH	Cl	NH-ethyl
acyl	acyl	SH	Cl	NH-acetyl
acyl	acyl	SH	Cl	OH
acyl	acyl	SH	Cl	OMe
acyl	acyl	SH	Cl	OEt
acyl	acyl	SH	Cl	O-cyclopropyl
acyl	acyl	SH	Cl	O-acetyl
acyl	acyl	SH	Cl	SH
acyl	acyl	SH	Cl	SMe
acyl	acyl	SH	Cl	SEt
acyl	acyl	SH	Cl	S-cyclopropyl
acyl	acyl	SH	Cl	F
acyl	acyl	SH	Cl	Cl
acyl	acyl	SH	Cl	Br
acyl	acyl	SH	Cl	I

TABLE 7-continued

R ²	R ³	X ¹	X ²	Y
5	acyl	acyl	SH	Cl
	acyl	acyl	SH	Br
	acyl	acyl	SH	I
	acyl	amino acid	SH	H
	acyl	amino acid	SH	NH ₂
	acyl	amino acid	SH	NH-cyclopropyl
10	acyl	amino acid	SH	NH-methyl
	acyl	amino acid	SH	NH-ethyl
	acyl	amino acid	SH	NH-acetyl
	acyl	amino acid	SH	OH
	acyl	amino acid	SH	OMe
	acyl	amino acid	SH	OEt
15	acyl	amino acid	SH	O-cyclopropyl
	acyl	amino acid	SH	O-acetyl
	acyl	amino acid	SH	SH
	acyl	amino acid	SH	SMe
	acyl	amino acid	SH	SEt
	acyl	amino acid	SH	S-cyclopropyl
20	acyl	amino acid	SH	F
	acyl	amino acid	SH	Cl
	acyl	amino acid	SH	Br
	acyl	amino acid	SH	I
	H	acyl	SH	H
	H	acyl	SH	NH ₂
	H	acyl	SH	NH-cyclopropyl
25	H	acyl	SH	NH-methyl
	H	acyl	SH	NH-ethyl
	H	acyl	SH	NH-acetyl
	H	acyl	SH	OH
	H	acyl	SH	OMe
	H	acyl	SH	OEt
	H	acyl	SH	O-cyclopropyl
	H	acyl	SH	O-acetyl
	H	acyl	SH	SH
	H	acyl	SH	SMe
	H	acyl	SH	SEt
	H	acyl	SH	S-cyclopropyl
35	H	acyl	SH	F
	H	acyl	SH	Cl
	H	acyl	SH	Br
	H	acyl	SH	I
	H	amino acid	SH	H
	H	amino acid	SH	NH ₂
	H	amino acid	SH	NH-cyclopropyl
40	H	amino acid	SH	NH-methyl
	H	amino acid	SH	NH-ethyl
	H	amino acid	SH	NH-acetyl
	H	amino acid	SH	OH
	H	amino acid	SH	OMe
	H	amino acid	SH	OEt
45	H	amino acid	SH	O-cyclopropyl
	H	amino acid	SH	O-acetyl
	H	amino acid	SH	SH
	H	amino acid	SH	SMe
	H	amino acid	SH	SEt
	H	amino acid	SH	S-cyclopropyl
50	H	amino acid	SH	F
	H	amino acid	SH	Cl
	H	amino acid	SH	Br
	H	amino acid	SH	I
	amino acid	amino acid	SH	H
	amino acid	amino acid	SH	NH ₂
55	amino acid	amino acid	SH	NH-cyclopropyl
	amino acid	amino acid	SH	NH-methyl
	amino acid	amino acid	SH	NH-ethyl
	amino acid	amino acid	SH	NH-acetyl
	amino acid	amino acid	SH	OH
	amino acid	amino acid	SH	OMe
	amino acid	amino acid	SH	OEt
60	amino acid	amino acid	SH	O-cyclopropyl
	amino acid	amino acid	SH	O-acetyl
	amino acid	amino acid	SH	SH
	amino acid	amino acid	SH	SMe
	amino acid	amino acid	SH	SEt
	amino acid	amino acid	SH	S-cyclopropyl
65	amino acid	amino acid	SH	F
	amino acid	amino acid	SH	Cl

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TABLE 7-continued

R ²	R ³	X ¹	X ²	Y
amino acid	amino acid	SH	Cl	Br
amino acid	amino acid	SH	Cl	I
amino acid	H	SH	Cl	H
amino acid	H	SH	Cl	NH ₂
amino acid	H	SH	Cl	NH-cyclopropyl
amino acid	H	SH	Cl	NH-methyl
amino acid	H	SH	Cl	NH-ethyl
amino acid	H	SH	Cl	NH-acetyl
amino acid	H	SH	Cl	OH
amino acid	H	SH	Cl	OMe
amino acid	H	SH	Cl	OEt
amino acid	H	SH	Cl	O-cyclopropyl
amino acid	H	SH	Cl	O-acetyl
amino acid	H	SH	Cl	SH
amino acid	H	SH	Cl	SMe
amino acid	H	SH	Cl	SEt
amino acid	H	SH	Cl	S-cyclopropyl
amino acid	H	SH	Cl	F
amino acid	H	SH	Cl	Cl
amino acid	H	SH	Cl	Br
amino acid	H	SH	Cl	I
amino acid	acyl	SH	Cl	H
amino acid	acyl	SH	Cl	NH ₂
amino acid	acyl	SH	Cl	NH-cyclopropyl
amino acid	acyl	SH	Cl	NH-methyl
amino acid	acyl	SH	Cl	NH-ethyl
amino acid	acyl	SH	Cl	NH-acetyl
amino acid	acyl	SH	Cl	OH
amino acid	acyl	SH	Cl	OMe
amino acid	acyl	SH	Cl	OEt
amino acid	acyl	SH	Cl	O-cyclopropyl
amino acid	acyl	SH	Cl	O-acetyl
amino acid	acyl	SH	Cl	SH
amino acid	acyl	SH	Cl	SMe
amino acid	acyl	SH	Cl	SEt
amino acid	acyl	SH	Cl	S-cyclopropyl
amino acid	acyl	SH	Cl	F
amino acid	acyl	SH	Cl	Cl
amino acid	acyl	SH	Cl	Br
amino acid	acyl	SH	Cl	I
acyl	H	OH	Cl	H
acyl	H	OH	Cl	NH ₂
acyl	H	OH	Cl	NH-cyclopropyl
acyl	H	OH	Cl	NH-methyl
acyl	H	OH	Cl	NH-ethyl
acyl	H	OH	Cl	NH-acetyl
acyl	H	OH	Cl	OH
acyl	H	OH	Cl	OMe
acyl	H	OH	Cl	OEt
acyl	H	OH	Cl	O-cyclopropyl
acyl	H	OH	Cl	O-acetyl
acyl	H	OH	Cl	SH
acyl	H	OH	Cl	SMe
acyl	H	OH	Cl	SEt
acyl	H	OH	Cl	S-cyclopropyl
acyl	H	OH	Cl	F
acyl	H	OH	Cl	Cl
acyl	H	OH	Cl	Br
acyl	H	OH	Cl	I
acyl	acyl	OH	Cl	H
acyl	acyl	OH	Cl	NH ₂
acyl	acyl	OH	Cl	NH-cyclopropyl
acyl	acyl	OH	Cl	NH-methyl
acyl	acyl	OH	Cl	NH-ethyl
acyl	acyl	OH	Cl	NH-acetyl
acyl	acyl	OH	Cl	OH
acyl	acyl	OH	Cl	OMe
acyl	acyl	OH	Cl	OEt
acyl	acyl	OH	Cl	O-cyclopropyl
acyl	acyl	OH	Cl	O-acetyl
acyl	acyl	OH	Cl	SH
acyl	acyl	OH	Cl	SMe
acyl	acyl	OH	Cl	SEt
acyl	acyl	OH	Cl	S-cyclopropyl
acyl	acyl	OH	Cl	F
acyl	acyl	OH	Cl	Cl
acyl	acyl	OH	Cl	Br

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TABLE 7-continued

	R ²	R ³	X ¹	X ²	Y
5	acyl	acyl	OH	Cl	I
	acyl	amino acid	OH	Cl	H
	acyl	amino acid	OH	Cl	NH ₂
	acyl	amino acid	OH	Cl	NH-cyclopropyl
	acyl	amino acid	OH	Cl	NH-methyl
	acyl	amino acid	OH	Cl	NH-ethyl
10	acyl	amino acid	OH	Cl	NH-acetyl
	acyl	amino acid	OH	Cl	OH
	acyl	amino acid	OH	Cl	OMe
	acyl	amino acid	OH	Cl	OEt
	acyl	amino acid	OH	Cl	O-cyclopropyl
	acyl	amino acid	OH	Cl	O-acetyl
15	acyl	amino acid	OH	Cl	SH
	acyl	amino acid	OH	Cl	SMe
	acyl	amino acid	OH	Cl	SEt
	acyl	amino acid	OH	Cl	S-cyclopropyl
	acyl	amino acid	OH	Cl	F
	acyl	amino acid	OH	Cl	Cl
20	acyl	amino acid	OH	Cl	Br
	acyl	amino acid	OH	Cl	I
	H	acyl	OH	Cl	H
	H	acyl	OH	Cl	NH ₂
	H	acyl	OH	Cl	NH-cyclopropyl
	H	acyl	OH	Cl	NH-methyl
	H	acyl	OH	Cl	NH-ethyl
25	H	acyl	OH	Cl	NH-acetyl
	H	acyl	OH	Cl	OH
	H	acyl	OH	Cl	OMe
	H	acyl	OH	Cl	OEt
	H	acyl	OH	Cl	O-cyclopropyl
	H	acyl	OH	Cl	O-acetyl
30		acyl	OH	Cl	SH
	H	acyl	OH	Cl	SMe
	H	acyl	OH	Cl	SEt
	H	acyl	OH	Cl	S-cyclopropyl
	H	acyl	OH	Cl	F
	H	acyl	OH	Cl	Cl
35	H	acyl	OH	Cl	Br
	H	acyl	OH	Cl	I
	H	amino acid	OH	Cl	H
	H	amino acid	OH	Cl	NH ₂
	H	amino acid	OH	Cl	NH-cyclopropyl
	H	amino acid	OH	Cl	NH-methyl
40	H	amino acid	OH	Cl	NH-ethyl
	H	amino acid	OH	Cl	NH-acetyl
	H	amino acid	OH	Cl	OH
	H	amino acid	OH	Cl	OMe
	H	amino acid	OH	Cl	OEt
	H	amino acid	OH	Cl	O-cyclopropyl
	H	amino acid	OH	Cl	O-acetyl
45	H	amino acid	OH	Cl	SH
	H	amino acid	OH	Cl	SMe
	H	amino acid	OH	Cl	SEt
	H	amino acid	OH	Cl	S-cyclopropyl
	H	amino acid	OH	Cl	F
	H	amino acid	OH	Cl	Cl
50	H	amino acid	OH	Cl	Br
	H	amino acid	OH	Cl	I
	amino acid	amino acid	OH	Cl	H
	amino acid	amino acid	OH	Cl	NH ₂
	amino acid	amino acid	OH	Cl	NH-cyclopropyl
	amino acid	amino acid	OH	Cl	NH-methyl
55	amino acid	amino acid	OH	Cl	NH-ethyl
	amino acid	amino acid	OH	Cl	NH-acetyl
	amino acid	amino acid	OH	Cl	OH
	amino acid	amino acid	OH	Cl	OMe
	amino acid	amino acid	OH	Cl	OEt
	amino acid	amino acid	OH	Cl	O-cyclopropyl
	amino acid	amino acid	OH	Cl	O-acetyl
60	amino acid	amino acid	OH	Cl	SH
	amino acid	amino acid	OH	Cl	SMe
	amino acid	amino acid	OH	Cl	SEt
	amino acid	amino acid	OH	Cl	S-cyclopropyl
	amino acid	amino acid	OH	Cl	F
	amino acid	amino acid	OH	Cl	Cl
65	amino acid	amino acid	OH	Cl	Br
	amino acid	amino acid	OH	Cl	I

TABLE 7-continued

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TABLE 7-continued

R ²	R ³	X ¹	X ²	Y
H	acyl	CH ₃	F	SMe
H	acyl	CH ₃	F	SEt
H	acyl	CH ₃	F	S-cyclopropyl
H	acyl	CH ₃	F	F
H	acyl	CH ₃	F	Cl
H	acyl	CH ₃	F	Br
H	acyl	CH ₃	F	I
H	amino acid	CH ₃	F	H
H	amino acid	CH ₃	F	NH ₂
H	amino acid	CH ₃	F	NH-cyclopropyl
H	amino acid	CH ₃	F	NH-methyl
H	amino acid	CH ₃	F	NH-ethyl
H	amino acid	CH ₃	F	NH-acetyl
H	amino acid	CH ₃	F	OH
H	amino acid	CH ₃	F	OMe
H	amino acid	CH ₃	F	OEt
H	amino acid	CH ₃	F	O-cyclopropyl
H	amino acid	CH ₃	F	O-acetyl
H	amino acid	CH ₃	F	SH
H	amino acid	CH ₃	F	SMe
H	amino acid	CH ₃	F	SEt
H	amino acid	CH ₃	F	S-cyclopropyl
H	amino acid	CH ₃	F	F
H	amino acid	CH ₃	F	Cl
H	amino acid	CH ₃	F	Br
H	amino acid	CH ₃	F	I
amino acid	amino acid	CH ₃	F	H
amino acid	amino acid	CH ₃	F	NH ₂
amino acid	amino acid	CH ₃	F	NH-cyclopropyl
amino acid	amino acid	CH ₃	F	NH-methyl
amino acid	amino acid	CH ₃	F	NH-ethyl
amino acid	amino acid	CH ₃	F	NH-acetyl
amino acid	amino acid	CH ₃	F	OH
amino acid	amino acid	CH ₃	F	OMe
amino acid	amino acid	CH ₃	F	OEt
amino acid	acyl	CH ₃	F	I
acyl	H	CF ₃	F	H
acyl	H	CF ₃	F	NH ₂
acyl	H	CF ₃	F	NH-cyclopropyl
acyl	H	CF ₃	F	NH-methyl
acyl	H	CF ₃	F	NH-ethyl
acyl	H	CF ₃	F	NH-acetyl
acyl	H	CF ₃	F	OH
acyl	H	CF ₃	F	OMe
acyl	H	CF ₃	F	OEt
acyl	H	CF ₃	F	O-cyclopropyl
acyl	H	CF ₃	F	O-acetyl
acyl	H	CF ₃	F	SH
acyl	H	CF ₃	F	SMe
acyl	H	CF ₃	F	SEt
acyl	H	CF ₃	F	S-cyclopropyl
acyl	H	CF ₃	F	F
acyl	H	CF ₃	F	Cl
acyl	H	CF ₃	F	Br
acyl	H	CF ₃	F	I
acyl	acyl	CF ₃	F	H
acyl	acyl	CF ₃	F	NH ₂
acyl	acyl	CF ₃	F	NH-cyclopropyl
acyl	acyl	CF ₃	F	NH-methyl
acyl	acyl	CF ₃	F	NH-ethyl
acyl	acyl	CF ₃	F	NH-acetyl
acyl	acyl	CF ₃	F	OH
acyl	acyl	CF ₃	F	OMe
acyl	acyl	CF ₃	F	OEt
acyl	acyl	CF ₃	F	O-cyclopropyl
acyl	acyl	CF ₃	F	O-acetyl
acyl	acyl	CF ₃	F	SH
acyl	acyl	CF ₃	F	SMe
acyl	acyl	CF ₃	F	SEt
acyl	acyl	CF ₃	F	S-cyclopropyl
acyl	acyl	CF ₃	F	F
acyl	acyl	CF ₃	F	Cl
acyl	acyl	CF ₃	F	Br
acyl	acyl	CF ₃	F	I
acyl	amino acid	CF ₃	F	H
acyl	amino acid	CF ₃	F	NH ₂
acyl	amino acid	CF ₃	F	NH-cyclopropyl

TABLE 7-continued

R ²	R ³	X ¹	X ²	Y	
5	acyl	amino acid	CF ₃	F	NH-methyl
	acyl	amino acid	CF ₃	F	NH-ethyl
	acyl	amino acid	CF ₃	F	NH-acetyl
	acyl	amino acid	CF ₃	F	OH
	acyl	amino acid	CF ₃	F	OMe
10	acyl	amino acid	CF ₃	F	OEt
	acyl	amino acid	CF ₃	F	O-cyclopropyl
	acyl	amino acid	CF ₃	F	O-acetyl
	acyl	amino acid	CF ₃	F	SH
	acyl	amino acid	CF ₃	F	SMe
15	acyl	amino acid	CF ₃	F	SEt
	acyl	amino acid	CF ₃	F	S-cyclopropyl
	acyl	amino acid	CF ₃	F	F
	acyl	amino acid	CF ₃	F	Cl
	acyl	amino acid	CF ₃	F	Br
20	acyl	amino acid	CF ₃	F	I
	H	acyl	CF ₃	F	H
	H	acyl	CF ₃	F	NH ₂
	H	acyl	CF ₃	F	NH-cyclopropyl
	H	acyl	CF ₃	F	NH-methyl
25	H	acyl	CF ₃	F	NH-ethyl
	H	acyl	CF ₃	F	NH-acetyl
	H	acyl	CF ₃	F	OH
	H	acyl	CF ₃	F	OMe
	H	acyl	CF ₃	F	OEt
30	H	acyl	CF ₃	F	O-cyclopropyl
	H	acyl	CF ₃	F	O-acetyl
	H	acyl	CF ₃	F	SH
	H	acyl	CF ₃	F	SMe
	H	acyl	CF ₃	F	SEt
35	H	acyl	CF ₃	F	S-cyclopropyl
	H	acyl	CF ₃	F	F
	H	acyl	CF ₃	F	Cl
	H	acyl	CF ₃	F	Br
	H	acyl	CF ₃	F	I
40	H	amino acid	CF ₃	F	H
	H	amino acid	CF ₃	F	NH ₂
	H	amino acid	CF ₃	F	NH-cyclopropyl
	H	amino acid	CF ₃	F	NH-methyl
	H	amino acid	CF ₃	F	NH-ethyl
45	H	amino acid	CF ₃	F	NH-acetyl
	H	amino acid	CF ₃	F	OH
	H	amino acid	CF ₃	F	OMe
	H	amino acid	CF ₃	F	OEt
	H	amino acid	CF ₃	F	O-cyclopropyl
50	H	amino acid	CF ₃	F	O-acetyl
	H	amino acid	CF ₃	F	SH
	H	amino acid	CF ₃	F	SMe
	H	amino acid	CF ₃	F	SEt
	H	amino acid	CF ₃	F	S-cyclopropyl
55	H	amino acid	CF ₃	F	F
	H	amino acid	CF ₃	F	Cl
	H	amino acid	CF ₃	F	Br
	H	amino acid	CF ₃	F	I
	amino acid	amino acid	CF ₃	F	H
60	amino acid	amino acid	CF ₃	F	NH ₂
	amino acid	amino acid	CF ₃	F	NH-cyclopropyl
	amino acid	amino acid	CF ₃	F	NH-methyl
	amino acid	amino acid	CF ₃	F	NH-ethyl
	amino acid	amino acid	CF ₃	F	NH-acetyl
65	amino acid	amino acid	CF ₃	F	OH
	amino acid	amino acid	CF ₃	F	OMe
	amino acid	amino acid	CF ₃	F	OEt
	amino acid	amino acid	CF ₃	F	O-cyclopropyl
	amino acid	amino acid	CF ₃	F	O-acetyl
	amino acid	amino acid	CF ₃	F	SH
	amino acid	amino acid	CF ₃	F	SMe
	amino acid	amino acid	CF ₃	F	SEt
	amino acid	amino acid	CF ₃	F	S-cyclopropyl
	amino acid	amino acid	CF ₃	F	F
	amino acid	amino acid	CF ₃	F	Cl
	amino acid	amino acid	CF ₃	F	Br
	amino acid	amino acid	CF ₃	F	I
	amino acid	H	CF ₃	F	H
	amino acid	H	CF ₃	F	NH ₂
	amino acid	H	CF ₃	F	NH-cyclopropyl
	amino acid	H	CF ₃	F	NH-methyl

TABLE 7-continued

R ²	R ³	X ¹	X ²	Y
amino acid	H	CF ₃	F	NH-ethyl
amino acid	H	CF ₃	F	NH-acetyl
amino acid	H	CF ₃	F	OH
amino acid	H	CF ₃	F	OMe
amino acid	H	CF ₃	F	OEt
amino acid	H	CF ₃	F	O-cyclopropyl
amino acid	H	CF ₃	F	O-acetyl
amino acid	H	CF ₃	F	SH
amino acid	H	CF ₃	F	SMe
amino acid	H	CF ₃	F	SEt
amino acid	H	CF ₃	F	S-cyclopropyl
amino acid	H	CF ₃	F	F
amino acid	H	CF ₃	F	Cl
amino acid	H	CF ₃	F	Br
amino acid	H	CF ₃	F	I
amino acid	H	CF ₃	F	H
amino acid	acyl	CF ₃	F	H
amino acid	acyl	CF ₃	F	NH ₂
amino acid	acyl	CF ₃	F	NH-cyclopropyl
amino acid	acyl	CF ₃	F	NH-methyl
amino acid	acyl	CF ₃	F	NH-ethyl
amino acid	acyl	CF ₃	F	NH-acetyl
amino acid	acyl	CF ₃	F	OH
amino acid	acyl	CF ₃	F	OMe
amino acid	acyl	CF ₃	F	OEt
amino acid	acyl	CF ₃	F	O-cyclopropyl
amino acid	acyl	CF ₃	F	O-acetyl
amino acid	acyl	CF ₃	F	SH
amino acid	acyl	CF ₃	F	SMe
amino acid	acyl	CF ₃	F	SEt
amino acid	acyl	CF ₃	F	S-cyclopropyl
amino acid	acyl	CF ₃	F	F
amino acid	acyl	CF ₃	F	Cl
amino acid	acyl	CF ₃	F	Br
amino acid	acyl	CF ₃	F	I
amino acid	acyl	CF ₃	F	H
acyl	H	Br	F	H
acyl	H	Br	F	NH ₂
acyl	H	Br	F	NH-cyclopropyl
acyl	H	Br	F	NH-methyl
acyl	H	Br	F	NH-ethyl
acyl	H	Br	F	NH-acetyl
acyl	H	Br	F	OH
acyl	H	Br	F	OMe
acyl	H	Br	F	OEt
acyl	H	Br	F	O-cyclopropyl
acyl	H	Br	F	O-acetyl
acyl	H	Br	F	SH
acyl	H	Br	F	SMe
acyl	H	Br	F	SEt
acyl	H	Br	F	S-cyclopropyl
acyl	H	Br	F	F
acyl	H	Br	F	Cl
acyl	H	Br	F	Br
acyl	H	Br	F	I
acyl	H	Br	F	H
acyl	acyl	Br	F	H
acyl	acyl	Br	F	NH ₂
acyl	acyl	Br	F	NH-cyclopropyl
acyl	acyl	Br	F	NH-methyl
acyl	acyl	Br	F	NH-ethyl
acyl	acyl	Br	F	NH-acetyl
acyl	acyl	Br	F	OH
acyl	acyl	Br	F	OMe
acyl	acyl	Br	F	OEt
acyl	acyl	Br	F	O-cyclopropyl
acyl	acyl	Br	F	O-acetyl
acyl	acyl	Br	F	SH
acyl	acyl	Br	F	SMe
acyl	acyl	Br	F	SEt
acyl	acyl	Br	F	S-cyclopropyl
acyl	acyl	Br	F	F
acyl	acyl	Br	F	Cl
acyl	acyl	Br	F	Br
acyl	acyl	Br	F	I
acyl	acyl	Br	F	H
acyl	amino acid	Br	F	H
acyl	amino acid	Br	F	NH ₂
acyl	amino acid	Br	F	NH-cyclopropyl
acyl	amino acid	Br	F	NH-methyl
acyl	amino acid	Br	F	NH-ethyl
acyl	amino acid	Br	F	NH-acetyl

TABLE 7-continued

	R ²	R ³	X ¹	X ²	Y
5	acyl	amino acid	Br	F	NH-acetyl
	acyl	amino acid	Br	F	OH
	acyl	amino acid	Br	F	OMe
	acyl	amino acid	Br	F	OEt
	acyl	amino acid	Br	F	O-cyclopropyl
	acyl	amino acid	Br	F	O-acetyl
10	acyl	amino acid	Br	F	SH
	acyl	amino acid	Br	F	SMe
	acyl	amino acid	Br	F	SEt
	acyl	amino acid	Br	F	S-cyclopropyl
	acyl	amino acid	Br	F	F
	acyl	amino acid	Br	F	Cl
15	acyl	amino acid	Br	F	Br
	acyl	amino acid	Br	F	I
	H	acyl	Br	F	H
	H	acyl	Br	F	NH ₂
	H	acyl	Br	F	NH-cyclopropyl
	H	acyl	Br	F	NH-methyl
20	H	acyl	Br	F	NH-ethyl
	H	acyl	Br	F	NH-acetyl
	H	acyl	Br	F	OH
	H	acyl	Br	F	OMe
	H	acyl	Br	F	OEt
	H	acyl	Br	F	O-cyclopropyl
25	H	acyl	Br	F	O-acetyl
	H	acyl	Br	F	SH
	H	acyl	Br	F	SMe
	H	acyl	Br	F	SEt
	H	acyl	Br	F	S-cyclopropyl
	H	acyl	Br	F	F
30	H	acyl	Br	F	Cl
	H	acyl	Br	F	Br
	H	acyl	Br	F	I
	H	amino acid	Br	F	H
	H	amino acid	Br	F	NH ₂
	H	amino acid	Br	F	NH-cyclopropyl
35	H	amino acid	Br	F	NH-methyl
	H	amino acid	Br	F	NH-ethyl
	H	amino acid	Br	F	NH-acetyl
	H	amino acid	Br	F	OH
	H	amino acid	Br	F	OMe
	H	amino acid	Br	F	OEt
40	H	amino acid	Br	F	O-cyclopropyl
	H	amino acid	Br	F	O-acetyl
	H	amino acid	Br	F	SH
	H	amino acid	Br	F	SMe
	H	amino acid	Br	F	SEt
	H	amino acid	Br	F	S-cyclopropyl
45	H	amino acid	Br	F	F
	H	amino acid	Br	F	Cl
	H	amino acid	Br	F	Br
	H	amino acid	Br	F	I
	amino acid	amino acid	Br	F	H
	amino acid	amino acid	Br	F	NH ₂
50	amino acid	amino acid	Br	F	NH-cyclopropyl
	amino acid	amino acid	Br	F	NH-methyl
	amino acid	amino acid	Br	F	NH-ethyl
	amino acid	amino acid	Br	F	NH-acetyl
	amino acid	amino acid	Br	F	OH
	amino acid	amino acid	Br	F	OMe
55	amino acid	amino acid	Br	F	OEt
	amino acid	amino acid	Br	F	O-cyclopropyl
	amino acid	amino acid	Br	F	O-acetyl
	amino acid	amino acid	Br	F	SH
	amino acid	amino acid	Br	F	SMe
	amino acid	amino acid	Br	F	SEt
60	amino acid	amino acid	Br	F	S-cyclopropyl
	amino acid	amino acid	Br	F	F
	amino acid	amino acid	Br	F	Cl
	amino acid	amino acid	Br	F	Br
	amino acid	amino acid	Br	F	I
	amino acid	H	Br	F	H
65	amino acid	H	Br	F	NH ₂
	amino acid	H	Br	F	NH-cyclopropyl
	amino acid	H	Br	F	NH-methyl
	amino acid	H	Br	F	NH-ethyl
	amino acid	H	Br	F	NH-acetyl

TABLE 7-continued

R ²	R ³	X ¹	X ²	Y
amino acid	H	Br	F	OH
amino acid	H	Br	F	OMe
amino acid	H	Br	F	OEt
amino acid	H	Br	F	O-cyclopropyl
amino acid	H	Br	F	O-acetyl
amino acid	H	Br	F	SH
amino acid	H	Br	F	SMe
amino acid	H	Br	F	SEt
amino acid	H	Br	F	S-cyclopropyl
amino acid	H	Br	F	F
amino acid	H	Br	F	Cl
amino acid	H	Br	F	Br
amino acid	H	Br	F	I
amino acid	acyl	Br	F	H
amino acid	acyl	Br	F	NH ₂
amino acid	acyl	Br	F	NH-cyclopropyl
amino acid	acyl	Br	F	NH-methyl
amino acid	acyl	Br	F	NH-ethyl
amino acid	acyl	Br	F	NH-acetyl
amino acid	acyl	Br	F	OH
amino acid	acyl	Br	F	OMe
amino acid	acyl	Br	F	OEt
amino acid	acyl	Br	F	O-cyclopropyl
amino acid	acyl	Br	F	O-acetyl
amino acid	acyl	Br	F	SH
amino acid	acyl	Br	F	SMe
amino acid	acyl	Br	F	SEt
amino acid	acyl	Br	F	S-cyclopropyl
amino acid	acyl	Br	F	F
amino acid	acyl	Br	F	Cl
amino acid	acyl	Br	F	Br
amino acid	acyl	Br	F	I
acyl	H	Cl	F	H
acyl	H	Cl	F	NH ₂
acyl	H	Cl	F	NH-cyclopropyl
acyl	H	Cl	F	NH-methyl
acyl	H	Cl	F	NH-ethyl
acyl	H	Cl	F	NH-acetyl
acyl	H	Cl	F	OH
acyl	H	Cl	F	OMe
acyl	H	Cl	F	OEt
acyl	H	Cl	F	O-cyclopropyl
acyl	H	Cl	F	O-acetyl
acyl	H	Cl	F	SH
acyl	H	Cl	F	SMe
acyl	H	Cl	F	SEt
acyl	H	Cl	F	S-cyclopropyl
acyl	H	Cl	F	F
acyl	H	Cl	F	Cl
acyl	H	Cl	F	Br
acyl	H	Cl	F	I
acyl	acyl	Cl	F	H
acyl	acyl	Cl	F	NH ₂
acyl	acyl	Cl	F	NH-cyclopropyl
acyl	acyl	Cl	F	NH-methyl
acyl	acyl	Cl	F	NH-ethyl
acyl	acyl	Cl	F	NH-acetyl
acyl	acyl	Cl	F	OH
acyl	acyl	Cl	F	OMe
acyl	acyl	Cl	F	OEt
acyl	acyl	Cl	F	O-cyclopropyl
acyl	acyl	Cl	F	O-acetyl
acyl	acyl	Cl	F	SH
acyl	acyl	Cl	F	SMe
acyl	acyl	Cl	F	SEt
acyl	acyl	Cl	F	S-cyclopropyl
acyl	acyl	Cl	F	F
acyl	acyl	Cl	F	Cl
acyl	acyl	Cl	F	Br
acyl	acyl	Cl	F	I
acyl	amino acid	Cl	F	H
acyl	amino acid	Cl	F	NH ₂
acyl	amino acid	Cl	F	NH-cyclopropyl
acyl	amino acid	Cl	F	NH-methyl
acyl	amino acid	Cl	F	NH-ethyl
acyl	amino acid	Cl	F	NH-acetyl
acyl	amino acid	Cl	F	OH
acyl	amino acid	Cl	F	OMe
acyl	amino acid	Cl	F	OEt
acyl	amino acid	Cl	F	O-cyclopropyl
acyl	amino acid	Cl	F	O-acetyl
acyl	amino acid	Cl	F	SH
acyl	amino acid	Cl	F	SMe
acyl	amino acid	Cl	F	SEt
acyl	amino acid	Cl	F	S-cyclopropyl
acyl	amino acid	Cl	F	F
acyl	amino acid	Cl	F	Cl
acyl	amino acid	Cl	F	Br
acyl	amino acid	Cl	F	I
acyl	amino acid	Cl	F	H
acyl	amino acid	Cl	F	NH ₂
acyl	amino acid	Cl	F	NH-cyclopropyl
acyl	amino acid	Cl	F	NH-methyl
acyl	amino acid	Cl	F	NH-ethyl
acyl	amino acid	Cl	F	NH-acetyl
acyl	amino acid	Cl	F	OH
acyl	amino acid	Cl	F	OMe

TABLE 7-continued

R ²	R ³	X ¹	X ²	Y
5	acyl	amino acid	Cl	OMe
	acyl	amino acid	Cl	OEt
	acyl	amino acid	Cl	O-cyclopropyl
	acyl	amino acid	Cl	O-acetyl
	acyl	amino acid	Cl	SH
	acyl	amino acid	Cl	SMe
10	acyl	amino acid	Cl	SEt
	acyl	amino acid	Cl	S-cyclopropyl
	acyl	amino acid	Cl	F
	acyl	amino acid	Cl	Cl
	acyl	amino acid	Cl	Br
	acyl	amino acid	Cl	I
15	H	acyl	Cl	H
	H	acyl	Cl	NH ₂
	H	acyl	Cl	NH-cyclopropyl
	H	acyl	Cl	NH-methyl
	H	acyl	Cl	NH-ethyl
	H	acyl	Cl	NH-acetyl
	H	acyl	Cl	OH
20	H	acyl	Cl	OMe
	H	acyl	Cl	OEt
	H	acyl	Cl	O-cyclopropyl
	H	acyl	Cl	O-acetyl
	H	acyl	Cl	SH
	H	acyl	Cl	SMe
25	H	acyl	Cl	SEt
	H	acyl	Cl	S-cyclopropyl
	H	acyl	Cl	F
	H	acyl	Cl	Cl
	H	acyl	Cl	Br
	H	acyl	Cl	I
30	H	amino acid	Cl	H
	H	amino acid	Cl	NH ₂
	H	amino acid	Cl	NH-cyclopropyl
	H	amino acid	Cl	NH-methyl
	H	amino acid	Cl	NH-ethyl
	H	amino acid	Cl	NH-acetyl
35	H	amino acid	Cl	OH
	H	amino acid	Cl	OMe
	H	amino acid	Cl	OEt
	H	amino acid	Cl	O-cyclopropyl
	H	amino acid	Cl	O-acetyl
	H	amino acid	Cl	SH
	H	amino acid	Cl	SMe
40	H	amino acid	Cl	SEt
	H	amino acid	Cl	S-cyclopropyl
	H	amino acid	Cl	F
	H	amino acid	Cl	Cl
	H	amino acid	Cl	Br
	H	amino acid	Cl	I
45	amino acid	amino acid	Cl	H
	amino acid	amino acid	Cl	NH ₂
	amino acid	amino acid	Cl	NH-cyclopropyl
	amino acid	amino acid	Cl	NH-methyl
	amino acid	amino acid	Cl	NH-ethyl
	amino acid	amino acid	Cl	NH-acetyl
50	amino acid	amino acid	Cl	OH
	amino acid	amino acid	Cl	OMe
	amino acid	amino acid	Cl	OEt
	amino acid	amino acid	Cl	O-cyclopropyl
	amino acid	amino acid	Cl	O-acetyl
	amino acid	amino acid	Cl	SH
55	amino acid	amino acid	Cl	SMe
	amino acid	amino acid	Cl	SEt
	amino acid	amino acid	Cl	S-cyclopropyl
	amino acid	amino acid	Cl	F
	amino acid	amino acid	Cl	Cl
	amino acid	amino acid	Cl	Br
	amino acid	amino acid	Cl	I
60	amino acid	H	Cl	H
	amino acid	H	Cl	NH ₂
	amino acid	H	Cl	NH-cyclopropyl
	amino acid	H	Cl	NH-methyl
	amino acid	H	Cl	NH-ethyl
	amino acid	H	Cl	NH-acetyl
65	amino acid	H	Cl	OH
	amino acid	H	Cl	OMe

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TABLE 7-continued

R ²	R ³	X ¹	X ²	Y
amino acid	H	Cl	F	OEt
amino acid	H	Cl	F	O-cyclopropyl
amino acid	H	Cl	F	O-acetyl
amino acid	H	Cl	F	SH
amino acid	H	Cl	F	SMe
amino acid	H	Cl	F	SEt
amino acid	H	Cl	F	S-cyclopropyl
amino acid	H	Cl	F	F
amino acid	H	Cl	F	Cl
amino acid	H	Cl	F	Br
amino acid	H	Cl	F	I
amino acid	H	Cl	F	H
amino acid	acyl	Cl	F	NH ₂
amino acid	acyl	Cl	F	NH-cyclopropyl
amino acid	acyl	Cl	F	NH-methyl
amino acid	acyl	Cl	F	NH-ethyl
amino acid	acyl	Cl	F	NH-acetyl
amino acid	acyl	Cl	F	OH
amino acid	acyl	Cl	F	OMe
amino acid	acyl	Cl	F	OEt
amino acid	acyl	Cl	F	O-cyclopropyl
amino acid	acyl	Cl	F	O-acetyl
amino acid	acyl	Cl	F	SH
amino acid	acyl	Cl	F	SMe
amino acid	acyl	Cl	F	SEt
amino acid	acyl	Cl	F	S-cyclopropyl
amino acid	acyl	Cl	F	F
amino acid	acyl	Cl	F	Cl
amino acid	acyl	Cl	F	Br
amino acid	acyl	Cl	F	I
acyl	H	F	F	H
acyl	H	F	F	NH ₂
acyl	H	F	F	NH-cyclopropyl
acyl	H	F	F	NH-methyl
acyl	H	F	F	NH-ethyl
acyl	H	F	F	NH-acetyl
acyl	H	F	F	OH
acyl	H	F	F	OMe
acyl	H	F	F	OEt
acyl	H	F	F	O-cyclopropyl
acyl	H	F	F	O-acetyl
acyl	H	F	F	SH
acyl	H	F	F	SMe
acyl	H	F	F	SEt
acyl	H	F	F	S-cyclopropyl
acyl	H	F	F	F
acyl	H	F	F	Cl
acyl	H	F	F	Br
acyl	H	F	F	I
acyl	acyl	F	F	H
acyl	acyl	F	F	NH ₂
acyl	acyl	F	F	NH-cyclopropyl
acyl	acyl	F	F	NH-methyl
acyl	acyl	F	F	NH-ethyl
acyl	acyl	F	F	NH-acetyl
acyl	acyl	F	F	OH
acyl	acyl	F	F	OMe
acyl	acyl	F	F	OEt
acyl	acyl	F	F	O-cyclopropyl
acyl	acyl	F	F	O-acetyl
acyl	acyl	F	F	SH
acyl	acyl	F	F	SMe
acyl	acyl	F	F	SEt
acyl	acyl	F	F	S-cyclopropyl
acyl	acyl	F	F	F
acyl	acyl	F	F	Cl
acyl	acyl	F	F	Br
acyl	acyl	F	F	I
acyl	acyl	F	F	H
acyl	amino acid	F	F	NH ₂
acyl	amino acid	F	F	NH-cyclopropyl
acyl	amino acid	F	F	NH-methyl
acyl	amino acid	F	F	NH-ethyl
acyl	amino acid	F	F	NH-acetyl
acyl	amino acid	F	F	OH
acyl	amino acid	F	F	OMe
acyl	amino acid	F	F	OEt

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TABLE 7-continued

	R ²	R ³	X ¹	X ²	Y
5	acyl	amino acid	F	F	O-cyclopropyl
	acyl	amino acid	F	F	O-acetyl
	acyl	amino acid	F	F	SH
	acyl	amino acid	F	F	SMe
	acyl	amino acid	F	F	SEt
	acyl	amino acid	F	F	S-cyclopropyl
10	acyl	amino acid	F	F	F
	acyl	amino acid	F	F	Cl
	acyl	amino acid	F	F	Br
	acyl	amino acid	F	F	I
	H	acyl	F	F	H
	H	acyl	F	F	NH ₂
15	H	acyl	F	F	NH-cyclopropyl
	H	acyl	F	F	NH-methyl
	H	acyl	F	F	NH-ethyl
	H	acyl	F	F	NH-acetyl
	H	acyl	F	F	OH
	H	acyl	F	F	OMe
	H	acyl	F	F	OEt
20	H	acyl	F	F	O-cyclopropyl
	H	acyl	F	F	O-acetyl
	H	acyl	F	F	SH
	H	acyl	F	F	SMe
	H	acyl	F	F	SEt
	H	acyl	F	F	S-cyclopropyl
25	H	acyl	F	F	F
	H	acyl	F	F	Cl
	H	acyl	F	F	Br
	H	acyl	F	F	I
	H	amino acid	F	F	H
	H	amino acid	F	F	NH ₂
30	H	amino acid	F	F	NH-cyclopropyl
	H	amino acid	F	F	NH-methyl
	H	amino acid	F	F	NH-ethyl
	H	amino acid	F	F	NH-acetyl
	H	amino acid	F	F	OH
	H	amino acid	F	F	OMe
	H	amino acid	F	F	OEt
35	H	amino acid	F	F	O-cyclopropyl
	H	amino acid	F	F	O-acetyl
	H	amino acid	F	F	SH
	H	amino acid	F	F	SMe
	H	amino acid	F	F	SEt
	H	amino acid	F	F	S-cyclopropyl
40	H	amino acid	F	F	F
	H	amino acid	F	F	Cl
	H	amino acid	F	F	Br
	H	amino acid	F	F	I
	amino acid	amino acid	F	F	H
	amino acid	amino acid	F	F	NH ₂
45	amino acid	amino acid	F	F	NH-cyclopropyl
	amino acid	amino acid	F	F	NH-methyl
	amino acid	amino acid	F	F	NH-ethyl
	amino acid	amino acid	F	F	NH-acetyl
	amino acid	amino acid	F	F	OH
	amino acid	amino acid	F	F	OMe
	amino acid	amino acid	F	F	OEt
50	amino acid	amino acid	F	F	O-cyclopropyl
	amino acid	amino acid	F	F	O-acetyl
	amino acid	amino acid	F	F	SH
	amino acid	amino acid	F	F	SMe
	amino acid	amino acid	F	F	SEt
	amino acid	amino acid	F	F	S-cyclopropyl
55	amino acid	amino acid	F	F	F
	amino acid	amino acid	F	F	Cl
	amino acid	amino acid	F	F	Br
	amino acid	amino acid	F	F	I
	amino acid	H	F	F	H
	amino acid	H	F	F	NH ₂
60	amino acid	H	F	F	NH-cyclopropyl
	amino acid	H	F	F	NH-methyl
	amino acid	H	F	F	NH-ethyl
	amino acid	H	F	F	NH-acetyl
	amino acid	H	F	F	OH
	amino acid	H	F	F	OMe
	amino acid	H	F	F	OEt
65	amino acid	H	F	F	O-cyclopropyl

TABLE 7-continued

R ²	R ³	X ¹	X ²	Y
amino acid	H	F	F	O-acetyl
amino acid	H	F	F	SH
amino acid	H	F	F	SMe
amino acid	H	F	F	SEt
amino acid	H	F	F	S-cyclopropyl
amino acid	H	F	F	F
amino acid	H	F	F	Cl
amino acid	H	F	F	Br
amino acid	H	F	F	I
amino acid	acyl	F	F	H
amino acid	acyl	F	F	NH ₂
amino acid	acyl	F	F	NH-cyclopropyl
amino acid	acyl	F	F	NH-methyl
amino acid	acyl	F	F	NH-ethyl
amino acid	acyl	F	F	NH-acetyl
amino acid	acyl	F	F	OH
amino acid	acyl	F	F	OMe
amino acid	acyl	F	F	OEt
amino acid	acyl	F	F	O-cyclopropyl
amino acid	acyl	F	F	O-acetyl
amino acid	acyl	F	F	SH
amino acid	acyl	F	F	SMe
amino acid	acyl	F	F	SEt
amino acid	acyl	F	F	S-cyclopropyl
amino acid	acyl	F	F	F
amino acid	acyl	F	F	Cl
amino acid	acyl	F	F	Br
amino acid	acyl	F	F	I
acyl	H	NH ₂	F	H
acyl	H	NH ₂	F	NH ₃
acyl	H	NH ₂	F	NH-cyclopropyl
acyl	H	NH ₂	F	NH-methyl
acyl	H	NH ₂	F	NH-ethyl
acyl	H	NH ₂	F	NH-acetyl
acyl	H	NH ₂	F	OH
acyl	H	NH ₂	F	OMe
acyl	H	NH ₂	F	OEt
acyl	H	NH ₂	F	O-cyclopropyl
acyl	H	NH ₂	F	O-acetyl
acyl	H	NH ₂	F	SH
acyl	H	NH ₂	F	SMe
acyl	H	NH ₂	F	SEt
acyl	H	NH ₂	F	S-cyclopropyl
acyl	H	NH ₂	F	F
acyl	H	NH ₂	F	Cl
acyl	H	NH ₂	F	Br
acyl	H	NH ₂	F	I
acyl	acyl	NH ₂	F	H
acyl	acyl	NH ₂	F	NH ₂
acyl	acyl	NH ₂	F	NH-cyclopropyl
acyl	acyl	NH ₂	F	NH-methyl
acyl	acyl	NH ₂	F	NH-ethyl
acyl	acyl	NH ₂	F	NH-acetyl
acyl	acyl	NH ₂	F	OH
acyl	acyl	NH ₂	F	OMe
acyl	acyl	NH ₂	F	OEt
acyl	acyl	NH ₂	F	O-cyclopropyl
acyl	acyl	NH ₂	F	O-acetyl
acyl	acyl	NH ₂	F	SH
acyl	acyl	NH ₂	F	SMe
acyl	acyl	NH ₂	F	SEt
acyl	acyl	NH ₂	F	S-cyclopropyl
acyl	acyl	NH ₂	F	F
acyl	acyl	NH ₂	F	Cl
acyl	acyl	NH ₂	F	Br
acyl	acyl	NH ₂	F	I
acyl	amino acid	NH ₂	F	H
acyl	amino acid	NH ₂	F	NH ₂
acyl	amino acid	NH ₂	F	NH-cyclopropyl
acyl	amino acid	NH ₂	F	NH-methyl
acyl	amino acid	NH ₂	F	NH-ethyl
acyl	amino acid	NH ₂	F	NH-acetyl
acyl	amino acid	NH ₂	F	OH
acyl	amino acid	NH ₂	F	OMe
acyl	amino acid	NH ₂	F	OEt
acyl	amino acid	NH ₂	F	O-cyclopropyl
acyl	amino acid	NH ₂	F	O-acetyl
acyl	amino acid	NH ₂	F	SH
acyl	amino acid	NH ₂	F	SMe
acyl	amino acid	NH ₂	F	SEt
acyl	amino acid	NH ₂	F	S-cyclopropyl
acyl	amino acid	NH ₂	F	F
acyl	amino acid	NH ₂	F	Cl
acyl	amino acid	NH ₂	F	Br
acyl	amino acid	NH ₂	F	I
acyl	amino acid	NH ₂	F	H
acyl	amino acid	NH ₂	F	NH ₂
acyl	amino acid	NH ₂	F	NH-cyclopropyl
acyl	amino acid	NH ₂	F	NH-methyl
acyl	amino acid	NH ₂	F	NH-ethyl
acyl	amino acid	NH ₂	F	NH-acetyl
acyl	amino acid	NH ₂	F	OH
acyl	amino acid	NH ₂	F	OMe
acyl	amino acid	NH ₂	F	OEt
acyl	amino acid	NH ₂	F	O-cyclopropyl
acyl	amino acid	NH ₂	F	O-acetyl
acyl	amino acid	NH ₂	F	SH

TABLE 7-continued

R ²	R ³	X ¹	X ²	Y
5	acyl	amino acid	NH ₂	SH
	acyl	amino acid	NH ₂	SMe
	acyl	amino acid	NH ₂	SEt
	acyl	amino acid	NH ₂	S-cyclopropyl
	acyl	amino acid	NH ₂	F
	acyl	amino acid	NH ₂	Cl
10	acyl	amino acid	NH ₂	Br
	acyl	amino acid	NH ₂	I
	H	acyl	NH ₂	H
	H	acyl	NH ₂	NH ₂
	H	acyl	NH ₂	NH-cyclopropyl
	H	acyl	NH ₂	NH-methyl
15	H	acyl	NH ₂	NH-ethyl
	H	acyl	NH ₂	NH-acetyl
	H	acyl	NH ₂	OH
	H	acyl	NH ₂	OMe
	H	acyl	NH ₂	OEt
	H	acyl	NH ₂	O-cyclopropyl
	H	acyl	NH ₂	O-acetyl
20	H	acyl	NH ₂	SH
	H	acyl	NH ₂	SMe
	H	acyl	NH ₂	SEt
	H	acyl	NH ₂	S-cyclopropyl
	H	acyl	NH ₂	F
	H	acyl	NH ₂	Cl
25	H	acyl	NH ₂	Br
	H	acyl	NH ₂	I
	H	amino acid	NH ₂	H
	H	amino acid	NH ₂	NH ₂
	H	amino acid	NH ₂	NH-cyclopropyl
	H	amino acid	NH ₂	NH-methyl
30	H	amino acid	NH ₂	NH-ethyl
	H	amino acid	NH ₂	NH-acetyl
	H	amino acid	NH ₂	OH
	H	amino acid	NH ₂	OMe
	H	amino acid	NH ₂	OEt
	H	amino acid	NH ₂	O-cyclopropyl
	H	amino acid	NH ₂	O-acetyl
35	H	amino acid	NH ₂	SH
	H	amino acid	NH ₂	SMe
	H	amino acid	NH ₂	SEt
	H	amino acid	NH ₂	S-cyclopropyl
	H	amino acid	NH ₂	F
	H	amino acid	NH ₂	Cl
40	H	amino acid	NH ₂	Br
	H	amino acid	NH ₂	I
	amino acid	amino acid	NH ₂	H
	amino acid	amino acid	NH ₂	NH ₂
	amino acid	amino acid	NH ₂	NH-cyclopropyl
	amino acid	amino acid	NH ₂	NH-methyl
45	amino acid	amino acid	NH ₂	NH-ethyl
	amino acid	amino acid	NH ₂	NH-acetyl
	amino acid	amino acid	NH ₂	OH
	amino acid	amino acid	NH ₂	OMe
	amino acid	amino acid	NH ₂	OEt
	amino acid	amino acid	NH ₂	O-cyclopropyl
	amino acid	amino acid	NH ₂	O-acetyl
50	amino acid	amino acid	NH ₂	SH
	amino acid	amino acid	NH ₂	SMe
	amino acid	amino acid	NH ₂	SEt
	amino acid	amino acid	NH ₂	S-cyclopropyl
	amino acid	amino acid	NH ₂	F
	amino acid	amino acid	NH ₂	Cl
55	amino acid	amino acid	NH ₂	Br
	amino acid	amino acid	NH ₂	I
	amino acid	H	NH ₂	H
	amino acid	H	NH ₂	NH ₂
	amino acid	H	NH ₂	NH-cyclopropyl
	amino acid	H	NH ₂	NH-methyl
60	amino acid	H	NH ₂	NH-ethyl
	amino acid	H	NH ₂	NH-acetyl
	amino acid	H	NH ₂	OH
	amino acid	H	NH ₂	OMe
	amino acid	H	NH ₂	OEt
	amino acid	H	NH ₂	O-cyclopropyl
	amino acid	H	NH ₂	O-acetyl
65	amino acid	H	NH ₂	SH

TABLE 7-continued

R ²	R ³	X ¹	X ²	Y
amino acid	H	NH ₂	F	SMe
amino acid	H	NH ₂	F	SEt
amino acid	H	NH ₂	F	S-cyclopropyl
amino acid	H	NH ₂	F	F
amino acid	H	NH ₂	F	Cl
amino acid	H	NH ₂	F	Br
amino acid	H	NH ₂	F	I
amino acid	acyl	NH ₂	F	H
amino acid	acyl	NH ₂	F	NH ₂
amino acid	acyl	NH ₂	F	NH-cyclopropyl
amino acid	acyl	NH ₂	F	NH-methyl
amino acid	acyl	NH ₂	F	NH-ethyl
amino acid	acyl	NH ₂	F	NH-acetyl
amino acid	acyl	NH ₂	F	OH
amino acid	acyl	NH ₂	F	OMe
amino acid	acyl	NH ₂	F	OEt
amino acid	acyl	NH ₂	F	O-cyclopropyl
amino acid	acyl	NH ₂	F	O-acetyl
amino acid	acyl	NH ₂	F	SH
amino acid	acyl	NH ₂	F	SMe
amino acid	acyl	NH ₂	F	SEt
amino acid	acyl	NH ₂	F	S-cyclopropyl
amino acid	acyl	NH ₂	F	F
amino acid	acyl	NH ₂	F	Cl
amino acid	acyl	NH ₂	F	Br
amino acid	acyl	NH ₂	F	I
acyl	H	SH	F	H
acyl	H	SH	F	NH ₂
acyl	H	SH	F	NH-cyclopropyl
acyl	H	SH	F	NH-methyl
acyl	H	SH	F	NH-ethyl
acyl	H	SH	F	NH-acetyl
acyl	H	SH	F	OH
acyl	H	SH	F	OMe
acyl	H	SH	F	OEt
acyl	H	SH	F	O-cyclopropyl
acyl	H	SH	F	O-acetyl
acyl	H	SH	F	SH
acyl	H	SH	F	SMe
acyl	H	SH	F	SEt
acyl	H	SH	F	S-cyclopropyl
acyl	H	SH	F	Cl
acyl	H	SH	F	Br
acyl	H	SH	F	I
acyl	acyl	SH	F	H
acyl	acyl	SH	F	NH ₂
acyl	acyl	SH	F	NH-cyclopropyl
acyl	acyl	SH	F	NH-methyl
acyl	acyl	SH	F	NH-ethyl
acyl	acyl	SH	F	NH-acetyl
acyl	acyl	SH	F	OH
acyl	acyl	SH	F	OMe
acyl	acyl	SH	F	OEt
acyl	acyl	SH	F	O-cyclopropyl
acyl	acyl	SH	F	O-acetyl
acyl	acyl	SH	F	SH
acyl	acyl	SH	F	SMe
acyl	acyl	SH	F	SEt
acyl	acyl	SH	F	S-cyclopropyl
acyl	acyl	SH	F	F
acyl	acyl	SH	F	Cl
acyl	acyl	SH	F	Br
acyl	acyl	SH	F	I
acyl	amino acid	SH	F	H
acyl	amino acid	SH	F	NH ₂
acyl	amino acid	SH	F	NH-cyclopropyl
acyl	amino acid	SH	F	NH-methyl
acyl	amino acid	SH	F	NH-ethyl
acyl	amino acid	SH	F	NH-acetyl
acyl	amino acid	SH	F	OH
acyl	amino acid	SH	F	OMe
acyl	amino acid	SH	F	OEt
acyl	amino acid	SH	F	O-cyclopropyl
acyl	amino acid	SH	F	O-acetyl
acyl	amino acid	SH	F	SH
acyl	amino acid	SH	F	SMe

TABLE 7-continued

	R ²	R ³	X ¹	X ²	Y
5	acyl	amino acid	SH	F	SEt
	acyl	amino acid	SH	F	S-cyclopropyl
	acyl	amino acid	SH	F	F
	acyl	amino acid	SH	F	Cl
	acyl	amino acid	SH	F	Br
	acyl	amino acid	SH	F	I
10	H	acyl	SH	F	H
	H	acyl	SH	F	NH ₂
	H	acyl	SH	F	NH-cyclopropyl
	H	acyl	SH	F	NH-methyl
	H	acyl	SH	F	NH-ethyl
	H	acyl	SH	F	NH-acetyl
15	H	acyl	SH	F	OH
	H	acyl	SH	F	OMe
	H	acyl	SH	F	OEt
	H	acyl	SH	F	O-cyclopropyl
	H	acyl	SH	F	O-acetyl
	H	acyl	SH	F	SH
20	H	acyl	SH	F	SMe
	H	acyl	SH	F	SEt
	H	acyl	SH	F	S-cyclopropyl
	H	acyl	SH	F	F
	H	acyl	SH	F	Cl
	H	acyl	SH	F	Br
	H	acyl	SH	F	I
25	H	amino acid	SH	F	H
	H	amino acid	SH	F	NH ₂
	H	amino acid	SH	F	NH-cyclopropyl
	H	amino acid	SH	F	NH-methyl
	H	amino acid	SH	F	NH-ethyl
	H	amino acid	SH	F	NH-acetyl
30	H	amino acid	SH	F	OH
	H	amino acid	SH	F	OMe
	H	amino acid	SH	F	OEt
	H	amino acid	SH	F	O-cyclopropyl
	H	amino acid	SH	F	O-acetyl
	H	amino acid	SH	F	SH
35	H	amino acid	SH	F	SMe
	H	amino acid	SH	F	SEt
	H	amino acid	SH	F	S-cyclopropyl
	H	amino acid	SH	F	F
	H	amino acid	SH	F	Cl
	H	amino acid	SH	F	Br
	H	amino acid	SH	F	I
40	amino acid	amino acid	SH	F	H
	amino acid	amino acid	SH	F	NH ₂
	amino acid	amino acid	SH	F	NH-cyclopropyl
	amino acid	amino acid	SH	F	NH-methyl
	amino acid	amino acid	SH	F	NH-ethyl
	amino acid	amino acid	SH	F	NH-acetyl
45	amino acid	amino acid	SH	F	OH
	amino acid	amino acid	SH	F	OMe
	amino acid	amino acid	SH	F	OEt
	amino acid	amino acid	SH	F	O-cyclopropyl
	amino acid	amino acid	SH	F	O-acetyl
	amino acid	amino acid	SH	F	SH
50	amino acid	amino acid	SH	F	SMe
	amino acid	amino acid	SH	F	SEt
	amino acid	amino acid	SH	F	S-cyclopropyl
	amino acid	amino acid	SH	F	F
	amino acid	amino acid	SH	F	Cl
	amino acid	amino acid	SH	F	Br
55	amino acid	amino acid	SH	F	I
	amino acid	H	SH	F	H
	amino acid	H	SH	F	NH ₂
	amino acid	H	SH	F	NH-cyclopropyl
	amino acid	H	SH	F	NH-methyl
	amino acid	H	SH	F	NH-ethyl
60	amino acid	H	SH	F	NH-acetyl
	amino acid	H	SH	F	OH
	amino acid	H	SH	F	OMe
	amino acid	H	SH	F	OEt
	amino acid	H	SH	F	O-cyclopropyl
	amino acid	H	SH	F	O-acetyl
65	amino acid	H	SH	F	SH
	amino acid	H	SH	F	SMe
	amino acid	H	SH	F	SEt

TABLE 7-continued

R ²	R ³	X ¹	X ²	Y
amino acid	H	SH	F	S-cyclopropyl
amino acid	H	SH	F	F
amino acid	H	SH	F	Cl
amino acid	H	SH	F	Br
amino acid	H	SH	F	I
amino acid	acyl	SH	F	H
amino acid	acyl	SH	F	NH ₂
amino acid	acyl	SH	F	NH-cyclopropyl
amino acid	acyl	SH	F	NH-methyl
amino acid	acyl	SH	F	NH-ethyl
amino acid	acyl	SH	F	NH-acetyl
amino acid	acyl	SH	F	OH
amino acid	acyl	SH	F	OMe
amino acid	acyl	SH	F	OEt
amino acid	acyl	SH	F	O-cyclopropyl
amino acid	acyl	SH	F	O-acetyl
amino acid	acyl	SH	F	SMe
amino acid	acyl	SH	F	SEt
amino acid	acyl	SH	F	S-cyclopropyl
amino acid	acyl	SH	F	F
amino acid	acyl	SH	F	Cl
amino acid	acyl	SH	F	Br
amino acid	acyl	SH	F	I
acyl	H	OH	F	H
acyl	H	OH	F	NH ₂
acyl	H	OH	F	NH-cyclopropyl
acyl	H	OH	F	NH-methyl
acyl	H	OH	F	NH-ethyl
acyl	H	OH	F	NH-acetyl
acyl	H	OH	F	OH
acyl	H	OH	F	OMe
acyl	H	OH	F	OEt
acyl	H	OH	F	O-cyclopropyl
acyl	H	OH	F	O-acetyl
acyl	H	OH	F	SH
acyl	H	OH	F	SMe
acyl	H	OH	F	SEt
acyl	H	OH	F	S-cyclopropyl
acyl	H	OH	F	F
acyl	H	OH	F	Cl
acyl	H	OH	F	Br
acyl	H	OH	F	I
acyl	acyl	OH	F	H
acyl	acyl	OH	F	NH ₂
acyl	acyl	OH	F	NH-cyclopropyl
acyl	acyl	OH	F	NH-methyl
acyl	acyl	OH	F	NH-ethyl
acyl	acyl	OH	F	NH-acetyl
acyl	acyl	OH	F	OH
acyl	acyl	OH	F	OMe
acyl	acyl	OH	F	OEt
acyl	acyl	OH	F	O-cyclopropyl
acyl	acyl	OH	F	O-acetyl
acyl	acyl	OH	F	SH
acyl	acyl	OH	F	SMe
acyl	acyl	OH	F	SEt
acyl	acyl	OH	F	S-cyclopropyl
acyl	acyl	OH	F	F
acyl	acyl	OH	F	Cl
acyl	acyl	OH	F	Br
acyl	acyl	OH	F	I
acyl	amino acid	OH	F	H
acyl	amino acid	OH	F	NH ₂
acyl	amino acid	OH	F	NH-cyclopropyl
acyl	amino acid	OH	F	NH-methyl
acyl	amino acid	OH	F	NH-ethyl
acyl	amino acid	OH	F	NH-acetyl
acyl	amino acid	OH	F	OH
acyl	amino acid	OH	F	OMe
acyl	amino acid	OH	F	OEt
acyl	amino acid	OH	F	O-cyclopropyl
acyl	amino acid	OH	F	O-acetyl
acyl	amino acid	OH	F	SH
acyl	amino acid	OH	F	SMe
acyl	amino acid	OH	F	SEt
acyl	amino acid	OH	F	S-cyclopropyl
acyl	amino acid	OH	F	F
acyl	amino acid	OH	F	Cl
acyl	amino acid	OH	F	Br
acyl	amino acid	OH	F	I
acyl	amino acid	OH	F	H
acyl	amino acid	OH	F	NH ₂
acyl	amino acid	OH	F	NH-cyclopropyl
acyl	amino acid	OH	F	NH-methyl
acyl	amino acid	OH	F	NH-ethyl
acyl	amino acid	OH	F	NH-acetyl
acyl	amino acid	OH	F	OH
acyl	amino acid	OH	F	OMe
acyl	amino acid	OH	F	OEt
acyl	amino acid	OH	F	O-cyclopropyl
acyl	amino acid	OH	F	O-acetyl
acyl	amino acid	OH	F	SH
acyl	amino acid	OH	F	SMe
acyl	amino acid	OH	F	SEt
acyl	amino acid	OH	F	S-cyclopropyl
acyl	amino acid	OH	F	F

TABLE 7-continued

R ²	R ³	X ¹	X ²	Y
5	acyl	amino acid	OH	F
	acyl	amino acid	OH	Cl
	acyl	amino acid	OH	Br
	acyl	amino acid	OH	I
	H	acyl	OH	H
	H	acyl	OH	NH ₂
10	H	acyl	OH	NH-cyclopropyl
	H	acyl	OH	NH-methyl
	H	acyl	OH	NH-ethyl
	H	acyl	OH	NH-acetyl
	H	acyl	OH	OH
	H	acyl	OH	OMe
15	H	acyl	OH	OEt
	H	acyl	OH	O-cyclopropyl
	H	acyl	OH	O-acetyl
	H	acyl	OH	SH
	H	acyl	OH	SMe
	H	acyl	OH	SEt
	H	acyl	OH	S-cyclopropyl
20	H	acyl	OH	F
	H	acyl	OH	Cl
	H	acyl	OH	Br
	H	acyl	OH	I
	H	amino acid	OH	H
	H	amino acid	OH	NH ₂
25	H	amino acid	OH	NH-cyclopropyl
	H	amino acid	OH	NH-methyl
	H	amino acid	OH	NH-ethyl
	H	amino acid	OH	NH-acetyl
	H	amino acid	OH	OH
	H	amino acid	OH	OMe
	H	amino acid	OH	OEt
	H	amino acid	OH	O-cyclopropyl
	H	amino acid	OH	O-acetyl
	H	amino acid	OH	SH
	H	amino acid	OH	SMe
	H	amino acid	OH	SEt
	H	amino acid	OH	S-cyclopropyl
35	H	amino acid	OH	F
	H	amino acid	OH	Cl
	H	amino acid	OH	Br
	H	amino acid	OH	I
	amino acid	amino acid	OH	H
	amino acid	amino acid	OH	NH ₂
40	amino acid	amino acid	OH	NH-cyclopropyl
	amino acid	amino acid	OH	NH-methyl
	amino acid	amino acid	OH	NH-ethyl
	amino acid	amino acid	OH	NH-acetyl
	amino acid	amino acid	OH	OH
	amino acid	amino acid	OH	OMe
45	amino acid	amino acid	OH	OEt
	amino acid	amino acid	OH	O-cyclopropyl
	amino acid	amino acid	OH	O-acetyl
	amino acid	amino acid	OH	SH
	amino acid	amino acid	OH	SMe
	amino acid	amino acid	OH	SEt
	amino acid	amino acid	OH	S-cyclopropyl
50	amino acid	amino acid	OH	F
	amino acid	amino acid	OH	Cl
	amino acid	amino acid	OH	Br
	amino acid	amino acid	OH	I
	amino acid	H	OH	H
	amino acid	H	OH	NH ₂
	amino acid	H	OH	NH-cyclopropyl
	amino acid	H	OH	NH-methyl
	amino acid	H	OH	NH-ethyl
	amino acid	H	OH	NH-acetyl
	amino acid	H	OH	OH
	amino acid	H	OH	OMe
60	amino acid	H	OH	OEt
	amino acid	H	OH	O-cyclopropyl
	amino acid	H	OH	O-acetyl
	amino acid	H	OH	SH
	amino acid	H	OH	SMe
	amino acid	H	OH	SEt
65	amino acid	H	OH	S-cyclopropyl
	amino acid	H	OH	F

TABLE 7-continued

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TABLE 7-continued

R ²	R ³	X ¹	X ²	Y
amino acid	H	CH ₃	NH ₂	I
amino acid	acyl	CH ₃	NH ₂	H
amino acid	acyl	CH ₃	NH ₂	NH ₂
amino acid	acyl	CH ₃	NH ₂	NH-cyclopropyl
amino acid	acyl	CH ₃	NH ₂	NH-methyl
amino acid	acyl	CH ₃	NH ₂	NH-ethyl
amino acid	acyl	CH ₃	NH ₂	NH-acetyl
amino acid	acyl	CH ₃	NH ₂	OH
amino acid	acyl	CH ₃	NH ₂	OMe
amino acid	acyl	CH ₃	NH ₂	OEt
amino acid	acyl	CH ₃	NH ₂	O-cyclopropyl
amino acid	acyl	CH ₃	NH ₂	O-acetyl
amino acid	acyl	CH ₃	NH ₂	SH
amino acid	acyl	CH ₃	NH ₂	SMe
amino acid	acyl	CH ₃	NH ₂	SEt
amino acid	acyl	CH ₃	NH ₂	S-cyclopropyl
amino acid	acyl	CH ₃	NH ₂	F
amino acid	acyl	CH ₃	NH ₂	Cl
amino acid	acyl	CH ₃	NH ₂	Br
amino acid	acyl	CH ₃	NH ₂	I
acyl	H	CF ₃	NH ₂	H
acyl	H	CF ₃	NH ₂	NH ₂
acyl	H	CF ₃	NH ₂	NH-cyclopropyl
acyl	H	CF ₃	NH ₂	NH-methyl
acyl	H	CF ₃	NH ₂	NH-ethyl
acyl	H	CF ₃	NH ₂	NH-acetyl
acyl	H	CF ₃	NH ₂	OH
acyl	H	CF ₃	NH ₂	OMe
acyl	H	CF ₃	NH ₂	OEt
acyl	H	CF ₃	NH ₂	O-cyclopropyl
acyl	H	CF ₃	NH ₂	O-acetyl
acyl	H	CF ₃	NH ₂	SH
acyl	H	CF ₃	NH ₂	SMe
acyl	H	CF ₃	NH ₂	SEt
acyl	H	CF ₃	NH ₂	S-cyclopropyl
acyl	H	CF ₃	NH ₂	F
acyl	H	CF ₃	NH ₂	Cl
acyl	H	CF ₃	NH ₂	Br
acyl	H	CF ₃	NH ₂	I
acyl	acyl	CF ₃	NH ₂	H
acyl	acyl	CF ₃	NH ₂	NH ₂
acyl	acyl	CF ₃	NH ₂	NH-cyclopropyl
acyl	acyl	CF ₃	NH ₂	NH-methyl
acyl	acyl	CF ₃	NH ₂	NH-ethyl
acyl	acyl	CF ₃	NH ₂	NH-acetyl
acyl	acyl	CF ₃	NH ₂	OH
acyl	acyl	CF ₃	NH ₂	OMe
acyl	acyl	CF ₃	NH ₂	OEt
acyl	acyl	CF ₃	NH ₂	O-cyclopropyl
acyl	acyl	CF ₃	NH ₂	O-acetyl
acyl	acyl	CF ₃	NH ₂	SH
acyl	acyl	CF ₃	NH ₂	SMe
acyl	acyl	CF ₃	NH ₂	SEt
acyl	acyl	CF ₃	NH ₂	S-cyclopropyl
acyl	acyl	CF ₃	NH ₂	F
acyl	acyl	CF ₃	NH ₂	Cl
acyl	acyl	CF ₃	NH ₂	Br
acyl	acyl	CF ₃	NH ₂	I
acyl	amino acid	CF ₃	NH ₂	H
acyl	amino acid	CF ₃	NH ₂	NH ₂
acyl	amino acid	CF ₃	NH ₂	NH-cyclopropyl
acyl	amino acid	CF ₃	NH ₂	NH-methyl
acyl	amino acid	CF ₃	NH ₂	NH-ethyl
acyl	amino acid	CF ₃	NH ₂	NH-acetyl
acyl	amino acid	CF ₃	NH ₂	OH
acyl	amino acid	CF ₃	NH ₂	OMe
acyl	amino acid	CF ₃	NH ₂	OEt
acyl	amino acid	CF ₃	NH ₂	O-cyclopropyl
acyl	amino acid	CF ₃	NH ₂	O-acetyl
acyl	amino acid	CF ₃	NH ₂	SH
acyl	amino acid	CF ₃	NH ₂	SMe
acyl	amino acid	CF ₃	NH ₂	SEt
acyl	amino acid	CF ₃	NH ₂	S-cyclopropyl
acyl	amino acid	CF ₃	NH ₂	F
acyl	amino acid	CF ₃	NH ₂	Cl
acyl	amino acid	CF ₃	NH ₂	Br
acyl	amino acid	CF ₃	NH ₂	I

TABLE 7-continued

R ²	R ³	X ¹	X ²	Y
5 H	acyl	CF ₃	NH ₂	H
H	acyl	CF ₃	NH ₂	NH ₂
H	acyl	CF ₃	NH ₂	NH-cyclopropyl
H	acyl	CF ₃	NH ₂	NH-methyl
H	acyl	CF ₃	NH ₂	NH-ethyl
H	acyl	CF ₃	NH ₂	NH-acetyl
10 H	acyl	CF ₃	NH ₂	OH
H	acyl	CF ₃	NH ₂	OMe
H	acyl	CF ₃	NH ₂	OEt
H	acyl	CF ₃	NH ₂	O-cyclopropyl
H	acyl	CF ₃	NH ₂	O-acetyl
H	acyl	CF ₃	NH ₂	SH
15 H	acyl	CF ₃	NH ₂	SMe
H	acyl	CF ₃	NH ₂	SEt
H	acyl	CF ₃	NH ₂	S-cyclopropyl
H	acyl	CF ₃	NH ₂	F
H	acyl	CF ₃	NH ₂	Cl
H	acyl	CF ₃	NH ₂	Br
H	acyl	CF ₃	NH ₂	I
20 H	amino acid	CF ₃	NH ₂	H
H	amino acid	CF ₃	NH ₂	NH ₂
H	amino acid	CF ₃	NH ₂	NH-cyclopropyl
H	amino acid	CF ₃	NH ₂	NH-methyl
H	amino acid	CF ₃	NH ₂	NH-ethyl
H	amino acid	CF ₃	NH ₂	NH-acetyl
25 H	amino acid	CF ₃	NH ₂	OH
H	amino acid	CF ₃	NH ₂	OMe
H	amino acid	CF ₃	NH ₂	OEt
H	amino acid	CF ₃	NH ₂	O-cyclopropyl
H	amino acid	CF ₃	NH ₂	O-acetyl
H	amino acid	CF ₃	NH ₂	SH
30 H	amino acid	CF ₃	NH ₂	SMe
H	amino acid	CF ₃	NH ₂	SEt
H	amino acid	CF ₃	NH ₂	S-cyclopropyl
H	amino acid	CF ₃	NH ₂	F
H	amino acid	CF ₃	NH ₂	Cl
H	amino acid	CF ₃	NH ₂	Br
35 H	amino acid	CF ₃	NH ₂	I
amino acid	amino acid	CF ₃	NH ₂	H
amino acid	amino acid	CF ₃	NH ₂	NH ₂
amino acid	amino acid	CF ₃	NH ₂	NH-cyclopropyl
amino acid	amino acid	CF ₃	NH ₂	NH-methyl
amino acid	amino acid	CF ₃	NH ₂	NH-ethyl
amino acid	amino acid	CF ₃	NH ₂	NH-acetyl
40 amino acid	amino acid	CF ₃	NH ₂	OH
amino acid	amino acid	CF ₃	NH ₂	OMe
amino acid	amino acid	CF ₃	NH ₂	OEt
amino acid	amino acid	CF ₃	NH ₂	O-cyclopropyl
amino acid	amino acid	CF ₃	NH ₂	O-acetyl
amino acid	amino acid	CF ₃	NH ₂	SH
45 amino acid	amino acid	CF ₃	NH ₂	SMe
amino acid	amino acid	CF ₃	NH ₂	SEt
amino acid	amino acid	CF ₃	NH ₂	S-cyclopropyl
amino acid	amino acid	CF ₃	NH ₂	F
amino acid	amino acid	CF ₃	NH ₂	Cl
50 amino acid	amino acid	CF ₃	NH ₂	Br
amino acid	amino acid	CF ₃	NH ₂	I
amino acid	H	CF ₃	NH ₂	H
amino acid	H	CF ₃	NH ₂	NH ₂
amino acid	H	CF ₃	NH ₂	NH-cyclopropyl
amino acid	H	CF ₃	NH ₂	NH-methyl
amino acid	H	CF ₃	NH ₂	NH-ethyl
55 amino acid	H	CF ₃	NH ₂	NH-acetyl
amino acid	H	CF ₃	NH ₂	OH
amino acid	H	CF ₃	NH ₂	OMe
amino acid	H	CF ₃	NH ₂	OEt
amino acid	H	CF ₃	NH ₂	O-cyclopropyl
amino acid	H	CF ₃	NH ₂	O-acetyl
60 amino acid	H	CF ₃	NH ₂	SH
amino acid	H	CF ₃	NH ₂	SMe
amino acid	H	CF ₃	NH ₂	SEt
amino acid	H	CF ₃	NH ₂	S-cyclopropyl
amino acid	H	CF ₃	NH ₂	F
amino acid	H	CF ₃	NH ₂	Cl
65 amino acid	H	CF ₃	NH ₂	Br
amino acid	H	CF ₃	NH ₂	I
amino acid	acyl	CF ₃	NH ₂	H

TABLE 7-continued

R ²	R ³	X ¹	X ²	Y
amino acid	acyl	CF ₃	NH ₂	NH ₂
amino acid	acyl	CF ₃	NH ₂	NH-cyclopropyl
amino acid	acyl	CF ₃	NH ₂	NH-methyl
amino acid	acyl	CF ₃	NH ₂	NH-ethyl
amino acid	acyl	CF ₃	NH ₂	NH-acetyl
amino acid	acyl	CF ₃	NH ₂	OH
amino acid	acyl	CF ₃	NH ₂	OMe
amino acid	acyl	CF ₃	NH ₂	OEt
amino acid	acyl	CF ₃	NH ₂	O-cyclopropyl
amino acid	acyl	CF ₃	NH ₂	O-acetyl
amino acid	acyl	CF ₃	NH ₂	SH
amino acid	acyl	CF ₃	NH ₂	SMe
amino acid	acyl	CF ₃	NH ₂	SEt
amino acid	acyl	CF ₃	NH ₂	S-cyclopropyl
amino acid	acyl	CF ₃	NH ₂	F
amino acid	acyl	CF ₃	NH ₂	Cl
amino acid	acyl	CF ₃	NH ₂	Br
amino acid	acyl	CF ₃	NH ₂	I
acyl	H	Br	NH ₂	H
acyl	H	Br	NH ₂	NH ₂
acyl	H	Br	NH ₂	NH-cyclopropyl
acyl	H	Br	NH ₂	NH-methyl
acyl	H	Br	NH ₂	NH-ethyl
acyl	H	Br	NH ₂	NH-acetyl
acyl	H	Br	NH ₂	OH
acyl	H	Br	NH ₂	OMe
acyl	H	Br	NH ₂	OEt
acyl	H	Br	NH ₂	O-cyclopropyl
acyl	H	Br	NH ₂	O-acetyl
acyl	H	Br	NH ₂	SH
acyl	H	Br	NH ₂	SMe
acyl	H	Br	NH ₂	SEt
acyl	H	Br	NH ₂	S-cyclopropyl
acyl	H	Br	NH ₂	F
acyl	H	Br	NH ₂	Cl
acyl	H	Br	NH ₂	Br
acyl	H	Br	NH ₂	I
acyl	H	Br	NH ₂	H
acyl	acyl	Br	NH ₂	H
acyl	acyl	Br	NH ₂	NH ₂
acyl	acyl	Br	NH ₂	NH-cyclopropyl
acyl	acyl	Br	NH ₂	NH-methyl
acyl	acyl	Br	NH ₂	NH-ethyl
acyl	acyl	Br	NH ₂	NH-acetyl
acyl	acyl	Br	NH ₂	OH
acyl	acyl	Br	NH ₂	OMe
acyl	acyl	Br	NH ₂	OEt
acyl	acyl	Br	NH ₂	O-cyclopropyl
acyl	acyl	Br	NH ₂	O-acetyl
acyl	acyl	Br	NH ₂	SH
acyl	acyl	Br	NH ₂	SMe
acyl	acyl	Br	NH ₂	SEt
acyl	acyl	Br	NH ₂	S-cyclopropyl
acyl	acyl	Br	NH ₂	F
acyl	acyl	Br	NH ₂	Cl
acyl	acyl	Br	NH ₂	Br
acyl	acyl	Br	NH ₂	I
acyl	acyl	Br	NH ₂	H
acyl	amino acid	Br	NH ₂	NH ₂
acyl	amino acid	Br	NH ₂	NH-cyclopropyl
acyl	amino acid	Br	NH ₂	NH-methyl
acyl	amino acid	Br	NH ₂	NH-ethyl
acyl	amino acid	Br	NH ₂	NH-acetyl
acyl	amino acid	Br	NH ₂	OH
acyl	amino acid	Br	NH ₂	OMe
acyl	amino acid	Br	NH ₂	OEt
acyl	amino acid	Br	NH ₂	O-cyclopropyl
acyl	amino acid	Br	NH ₂	O-acetyl
acyl	amino acid	Br	NH ₂	SH
acyl	amino acid	Br	NH ₂	SMe
acyl	amino acid	Br	NH ₂	SEt
acyl	amino acid	Br	NH ₂	S-cyclopropyl
acyl	amino acid	Br	NH ₂	F
acyl	amino acid	Br	NH ₂	Cl
acyl	amino acid	Br	NH ₂	Br
acyl	amino acid	Br	NH ₂	I
acyl	amino acid	Br	NH ₂	H
H	acyl	Br	NH ₂	H
H	acyl	Br	NH ₂	NH ₂

TABLE 7-continued

R ²	R ³	X ¹	X ²	Y
5	H	acyl	Br	NH ₂
	H	acyl	Br	NH-cyclopropyl
	H	acyl	Br	NH-methyl
	H	acyl	Br	NH-ethyl
	H	acyl	Br	NH-acetyl
	H	acyl	Br	OH
	H	acyl	Br	OMe
10	H	acyl	Br	OEt
	H	acyl	Br	O-cyclopropyl
	H	acyl	Br	O-acetyl
	H	acyl	Br	SH
	H	acyl	Br	SMe
	H	acyl	Br	SEt
15	H	acyl	Br	S-cyclopropyl
	H	acyl	Br	F
	H	acyl	Br	Cl
	H	acyl	Br	Br
	H	acyl	Br	I
	H	amino acid	Br	NH ₂
	H	amino acid	Br	NH-cyclopropyl
20	H	amino acid	Br	NH-methyl
	H	amino acid	Br	NH-ethyl
	H	amino acid	Br	NH-acetyl
	H	amino acid	Br	OH
	H	amino acid	Br	OMe
25	H	amino acid	Br	OEt
	H	amino acid	Br	O-cyclopropyl
	H	amino acid	Br	O-acetyl
	H	amino acid	Br	SH
	H	amino acid	Br	SMe
	H	amino acid	Br	SEt
30	H	amino acid	Br	S-cyclopropyl
	H	amino acid	Br	F
	H	amino acid	Br	Cl
	H	amino acid	Br	Br
	H	amino acid	Br	I
	H	amino acid	Br	H
35	amino acid	amino acid	Br	NH ₂
	amino acid	amino acid	Br	NH-cyclopropyl
	amino acid	amino acid	Br	NH-methyl
	amino acid	amino acid	Br	NH-ethyl
	amino acid	amino acid	Br	NH-acetyl
	amino acid	amino acid	Br	OH
	amino acid	amino acid	Br	OMe
40	amino acid	amino acid	Br	OEt
	amino acid	amino acid	Br	O-cyclopropyl
	amino acid	amino acid	Br	O-acetyl
	amino acid	amino acid	Br	SH
	amino acid	amino acid	Br	SMe
	amino acid	amino acid	Br	SEt
45	amino acid	amino acid	Br	S-cyclopropyl
	amino acid	amino acid	Br	F
	amino acid	amino acid	Br	Cl
	amino acid	amino acid	Br	Br
	amino acid	amino acid	Br	I
	amino acid	H	Br	NH ₂
50	amino acid	H	Br	NH-cyclopropyl
	amino acid	H	Br	NH-methyl
	amino acid	H	Br	NH-ethyl
	amino acid	H	Br	NH-acetyl
	amino acid	H	Br	OH
	amino acid	H	Br	OMe
55	amino acid	H	Br	OEt
	amino acid	H	Br	O-cyclopropyl
	amino acid	H	Br	O-acetyl
	amino acid	H	Br	SH
	amino acid	H	Br	SMe
	amino acid	H	Br	SEt
60	amino acid	H	Br	S-cyclopropyl
	amino acid	H	Br	F
	amino acid	H	Br	Cl
	amino acid	H	Br	Br
	amino acid	H	Br	I
	amino acid	acyl	Br	NH ₂
65	amino acid	acyl	Br	NH-cyclopropyl
	amino acid	acyl	Br	NH-methyl

TABLE 7-continued

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TABLE 7-continued

R ²	R ³	X ¹	X ²	Y
amino acid	acyl	Cl	NH ₂	NH-acetyl
amino acid	acyl	Cl	NH ₂	OH
amino acid	acyl	Cl	NH ₂	OMe
amino acid	acyl	Cl	NH ₂	OEt
amino acid	acyl	Cl	NH ₂	O-cyclopropyl
amino acid	acyl	Cl	NH ₂	O-acetyl
amino acid	acyl	Cl	NH ₂	SH
amino acid	acyl	Cl	NH ₂	SMe
amino acid	acyl	Cl	NH ₂	SEt
amino acid	acyl	Cl	NH ₂	S-cyclopropyl
amino acid	acyl	Cl	NH ₂	F
amino acid	acyl	Cl	NH ₂	Cl
amino acid	acyl	Cl	NH ₂	Br
amino acid	acyl	Cl	NH ₂	I
acyl	H	F	NH ₂	H
acyl	H	F	NH ₂	NH ₂
acyl	H	F	NH ₂	NH-cyclopropyl
acyl	H	F	NH ₂	NH-methyl
acyl	H	F	NH ₂	NH-ethyl
acyl	H	F	NH ₂	NH-acetyl
acyl	H	F	NH ₂	OH
acyl	H	F	NH ₂	OMe
acyl	H	F	NH ₂	OEt
acyl	H	F	NH ₂	O-cyclopropyl
acyl	H	F	NH ₂	O-acetyl
acyl	H	F	NH ₂	SH
acyl	H	F	NH ₂	SMe
acyl	H	F	NH ₂	SEt
acyl	H	F	NH ₂	S-cyclopropyl
acyl	H	F	NH ₂	F
acyl	H	F	NH ₂	Cl
acyl	H	F	NH ₂	Br
acyl	H	F	NH ₂	I
acyl	acyl	F	NH ₂	H
acyl	acyl	F	NH ₂	NH ₂
acyl	acyl	F	NH ₂	NH-cyclopropyl
acyl	acyl	F	NH ₂	NH-methyl
acyl	acyl	F	NH ₂	NH-ethyl
acyl	acyl	F	NH ₂	NH-acetyl
acyl	acyl	F	NH ₂	OH
acyl	acyl	F	NH ₂	OMe
acyl	acyl	F	NH ₂	OEt
acyl	acyl	F	NH ₂	O-cyclopropyl
acyl	acyl	F	NH ₂	O-acetyl
acyl	acyl	F	NH ₂	SH
acyl	acyl	F	NH ₂	SMe
acyl	acyl	F	NH ₂	SEt
acyl	acyl	F	NH ₂	S-cyclopropyl
acyl	acyl	F	NH ₂	F
acyl	acyl	F	NH ₂	Cl
acyl	acyl	F	NH ₂	Br
acyl	acyl	F	NH ₂	I
acyl	amino acid	F	NH ₂	H
acyl	amino acid	F	NH ₂	NH ₂
acyl	amino acid	F	NH ₂	NH-cyclopropyl
acyl	amino acid	F	NH ₂	NH-methyl
acyl	amino acid	F	NH ₂	NH-ethyl
acyl	amino acid	F	NH ₂	NH-acetyl
acyl	amino acid	F	NH ₂	OH
acyl	amino acid	F	NH ₂	OMe
acyl	amino acid	F	NH ₂	OEt
acyl	amino acid	F	NH ₂	O-cyclopropyl
acyl	amino acid	F	NH ₂	O-acetyl
acyl	amino acid	F	NH ₂	SH
acyl	amino acid	F	NH ₂	SMe
acyl	amino acid	F	NH ₂	SEt
acyl	amino acid	F	NH ₂	S-cyclopropyl
acyl	amino acid	F	NH ₂	F
acyl	amino acid	F	NH ₂	Cl
acyl	amino acid	F	NH ₂	Br
acyl	amino acid	F	NH ₂	I
H	acyl	F	NH ₂	H
H	acyl	F	NH ₂	NH ₂
H	acyl	F	NH ₂	NH-cyclopropyl
H	acyl	F	NH ₂	NH-methyl
H	acyl	F	NH ₂	NH-ethyl
H	acyl	F	NH ₂	NH-acetyl
H	acyl	F	NH ₂	OH
H	acyl	F	NH ₂	OMe
H	acyl	F	NH ₂	OEt
H	acyl	F	NH ₂	O-cyclopropyl
H	acyl	F	NH ₂	O-acetyl
H	acyl	F	NH ₂	SH
H	acyl	F	NH ₂	SMe
H	acyl	F	NH ₂	SEt
H	acyl	F	NH ₂	S-cyclopropyl
H	acyl	F	NH ₂	F
H	acyl	F	NH ₂	Cl
H	acyl	F	NH ₂	Br
H	acyl	F	NH ₂	I
H	acyl	F	NH ₂	H
H	acyl	F	NH ₂	NH ₂
H	acyl	F	NH ₂	NH-cyclopropyl
H	acyl	F	NH ₂	NH-methyl
H	acyl	F	NH ₂	NH-ethyl
H	acyl	F	NH ₂	NH-acetyl
H	acyl	F	NH ₂	OH

TABLE 7-continued

R ²	R ³	X ¹	X ²	Y
5	H	acyl	F	NH ₂
	H	acyl	F	OH
	H	acyl	F	OMe
	H	acyl	F	OEt
	H	acyl	F	O-cyclopropyl
	H	acyl	F	O-acetyl
	H	acyl	F	SH
	10	H	acyl	F
	H	acyl	F	NH ₂
	H	acyl	F	SMe
	H	acyl	F	SEt
	H	acyl	F	S-cyclopropyl
	H	acyl	F	F
	H	acyl	F	Cl
	H	acyl	F	Br
	15	H	acyl	F
	H	amino acid	F	NH ₂
	H	amino acid	F	NH ₂
	H	amino acid	F	NH-cyclopropyl
	H	amino acid	F	NH-methyl
	H	amino acid	F	NH-ethyl
	H	amino acid	F	NH-acetyl
	20	H	amino acid	F
	H	amino acid	F	NH ₂
	H	amino acid	F	OH
	H	amino acid	F	OMe
	H	amino acid	F	OEt
	H	amino acid	F	O-cyclopropyl
	H	amino acid	F	O-acetyl
	H	amino acid	F	SH
	25	H	amino acid	F
	H	amino acid	F	NH ₂
	H	amino acid	F	SMe
	H	amino acid	F	SEt
	H	amino acid	F	S-cyclopropyl
	H	amino acid	F	F
	H	amino acid	F	Cl
	H	amino acid	F	Br
	30	H	amino acid	F
	amino acid	amino acid	F	NH ₂
	amino acid	amino acid	F	NH ₂
	amino acid	amino acid	F	NH-cyclopropyl
	amino acid	amino acid	F	NH-methyl
	amino acid	amino acid	F	NH-ethyl
	35	amino acid	amino acid	F
	amino acid	amino acid	F	NH ₂
	amino acid	amino acid	F	OH
	amino acid	amino acid	F	OMe
	amino acid	amino acid	F	OEt
	amino acid	amino acid	F	O-cyclopropyl
	amino acid	amino acid	F	O-acetyl
	40	amino acid	amino acid	F
	amino acid	amino acid	F	NH ₂
	amino acid	amino acid	F	SH
	amino acid	amino acid	F	SMe
	amino acid	amino acid	F	SEt
	amino acid	amino acid	F	S-cyclopropyl
	amino acid	amino acid	F	F
	amino acid	amino acid	F	Cl
	45	amino acid	amino acid	F
	amino acid	amino acid	F	NH ₂
	amino acid	H	F	I
	amino acid	H	F	NH ₂
	amino acid	H	F	NH-cyclopropyl
	amino acid	H	F	NH-methyl
	50	amino acid	H	F
	amino acid	H	F	NH ₂
	amino acid	H	F	NH-ethyl
	amino acid	H	F	NH-acetyl
	amino acid	H	F	OH
	amino acid	H	F	OMe
	amino acid	H	F	OEt
	amino acid	H	F	O-cyclopropyl
	amino acid	H	F	O-acetyl
	55	amino acid	H	F
	amino acid	H	F	NH ₂
	amino acid	H	F	SH
	amino acid	H	F	SMe
	amino acid	H	F	SEt
	amino acid	H	F	S-cyclopropyl
	amino acid	H	F	F
	amino acid	H	F	Cl
	60	amino acid	H	F
	amino acid	H	F	NH ₂
	amino acid	acyl	F	I
	amino acid	acyl	F	NH ₂
	amino acid	acyl	F	NH-cyclopropyl
	amino acid	acyl	F	NH-methyl
	amino acid	acyl	F	NH-ethyl
	65	amino acid	acyl	F
	amino acid	acyl	F	NH ₂
	amino acid	acyl	F	NH-acetyl
	amino acid	acyl	F	OH

TABLE 7-continued

R ²	R ³	X ¹	X ²	Y
amino acid	acyl	F	NH ₂	OMe
amino acid	acyl	F	NH ₂	OEt
amino acid	acyl	F	NH ₂	O-cyclopropyl
amino acid	acyl	F	NH ₂	O-acetyl
amino acid	acyl	F	NH ₂	SH
amino acid	acyl	F	NH ₂	SMe
amino acid	acyl	F	NH ₂	SEt
amino acid	acyl	F	NH ₂	S-cyclopropyl
amino acid	acyl	F	NH ₂	F
amino acid	acyl	F	NH ₂	Cl
amino acid	acyl	F	NH ₂	Br
acyl	H	NH ₂	NH ₂	H
acyl	H	NH ₂	NH ₂	NH ₂
acyl	H	NH ₂	NH ₂	NH-cyclopropyl
acyl	H	NH ₂	NH ₂	NH-methyl
acyl	H	NH ₂	NH ₂	NH-ethyl
acyl	H	NH ₂	NH ₂	NH-acetyl
acyl	H	NH ₂	NH ₂	OH
acyl	H	NH ₂	NH ₂	OMe
acyl	H	NH ₂	NH ₂	OEt
acyl	H	NH ₂	NH ₂	O-cyclopropyl
acyl	H	NH ₂	NH ₂	O-acetyl
acyl	H	NH ₂	NH ₂	SH
acyl	H	NH ₂	NH ₂	SMe
acyl	H	NH ₂	NH ₂	SEt
acyl	H	NH ₂	NH ₂	S-cyclopropyl
acyl	H	NH ₂	NH ₂	F
acyl	H	NH ₂	NH ₂	Cl
acyl	H	NH ₂	NH ₂	Br
acyl	H	NH ₂	NH ₂	I
acyl	acyl	NH ₂	NH ₂	H
acyl	acyl	NH ₂	NH ₂	NH ₂
acyl	acyl	NH ₂	NH ₂	NH-cyclopropyl
acyl	acyl	NH ₂	NH ₂	NH-methyl
acyl	acyl	NH ₂	NH ₂	NH-ethyl
acyl	acyl	NH ₂	NH ₂	NH-acetyl
acyl	acyl	NH ₂	NH ₂	OH
acyl	acyl	NH ₂	NH ₂	OMe
acyl	acyl	NH ₂	NH ₂	OEt
acyl	acyl	NH ₂	NH ₂	O-cyclopropyl
acyl	acyl	NH ₂	NH ₂	O-acetyl
acyl	acyl	NH ₂	NH ₂	SH
acyl	acyl	NH ₂	NH ₂	SMe
acyl	acyl	NH ₂	NH ₂	SEt
acyl	acyl	NH ₂	NH ₂	S-cyclopropyl
acyl	acyl	NH ₂	NH ₂	F
acyl	acyl	NH ₂	NH ₂	Cl
acyl	acyl	NH ₂	NH ₂	Br
acyl	acyl	NH ₂	NH ₂	I
acyl	amino acid	NH ₂	NH ₂	H
acyl	amino acid	NH ₂	NH ₂	NH ₂
acyl	amino acid	NH ₂	NH ₂	NH-cyclopropyl
acyl	amino acid	NH ₂	NH ₂	NH-methyl
acyl	amino acid	NH ₂	NH ₂	NH-ethyl
acyl	amino acid	NH ₂	NH ₂	NH-acetyl
acyl	amino acid	NH ₂	NH ₂	OH
acyl	amino acid	NH ₂	NH ₂	OMe
acyl	amino acid	NH ₂	NH ₂	OEt
acyl	amino acid	NH ₂	NH ₂	O-cyclopropyl
acyl	amino acid	NH ₂	NH ₂	O-acetyl
acyl	amino acid	NH ₂	NH ₂	SH
acyl	amino acid	NH ₂	NH ₂	SMe
acyl	amino acid	NH ₂	NH ₂	SEt
acyl	amino acid	NH ₂	NH ₂	S-cyclopropyl
acyl	amino acid	NH ₂	NH ₂	F
acyl	amino acid	NH ₂	NH ₂	Cl
acyl	amino acid	NH ₂	NH ₂	Br
acyl	amino acid	NH ₂	NH ₂	I
H	acyl	NH ₂	NH ₂	H
H	acyl	NH ₂	NH ₂	NH ₂
H	acyl	NH ₂	NH ₂	NH-cyclopropyl
H	acyl	NH ₂	NH ₂	NH-methyl
H	acyl	NH ₂	NH ₂	NH-ethyl
H	acyl	NH ₂	NH ₂	NH-acetyl
H	acyl	NH ₂	NH ₂	OH
H	acyl	NH ₂	NH ₂	OMe
H	acyl	NH ₂	NH ₂	OEt

TABLE 7-continued

R ²	R ³	X ¹	X ²	Y
5	H	acyl	NH ₂	O-cyclopropyl
	H	acyl	NH ₂	O-acetyl
	H	acyl	NH ₂	SH
	H	acyl	NH ₂	SMe
	H	acyl	NH ₂	SEt
	H	acyl	NH ₂	S-cyclopropyl
10	H	acyl	NH ₂	F
	H	acyl	NH ₂	Cl
	H	acyl	NH ₂	Br
	H	acyl	NH ₂	I
	H	amino acid	NH ₂	H
	H	amino acid	NH ₂	NH ₂
15	H	amino acid	NH ₂	NH-cyclopropyl
	H	amino acid	NH ₂	NH-methyl
	H	amino acid	NH ₂	NH-ethyl
	H	amino acid	NH ₂	NH-acetyl
	H	amino acid	NH ₂	OH
	H	amino acid	NH ₂	OMe
	H	amino acid	NH ₂	OEt
20	H	amino acid	NH ₂	O-cyclopropyl
	H	amino acid	NH ₂	O-acetyl
	H	amino acid	NH ₂	SH
	H	amino acid	NH ₂	SMe
	H	amino acid	NH ₂	SEt
	H	amino acid	NH ₂	S-cyclopropyl
25	H	amino acid	NH ₂	F
	H	amino acid	NH ₂	Cl
	H	amino acid	NH ₂	Br
	H	amino acid	NH ₂	I
	amino acid	amino acid	NH ₂	H
	amino acid	amino acid	NH ₂	NH ₂
30	amino acid	amino acid	NH ₂	NH-cyclopropyl
	amino acid	amino acid	NH ₂	NH-methyl
	amino acid	amino acid	NH ₂	NH-ethyl
	amino acid	amino acid	NH ₂	NH-acetyl
	amino acid	amino acid	NH ₂	OH
	amino acid	amino acid	NH ₂	OMe
35	amino acid	amino acid	NH ₂	OEt
	amino acid	amino acid	NH ₂	O-cyclopropyl
	amino acid	amino acid	NH ₂	O-acetyl
	amino acid	amino acid	NH ₂	SH
	amino acid	amino acid	NH ₂	SMe
	amino acid	amino acid	NH ₂	SEt
	amino acid	amino acid	NH ₂	S-cyclopropyl
40	amino acid	amino acid	NH ₂	F
	amino acid	amino acid	NH ₂	Cl
	amino acid	amino acid	NH ₂	Br
	amino acid	amino acid	NH ₂	I
	amino acid	H	NH ₂	H
	amino acid	H	NH ₂	NH ₂
45	amino acid	H	NH ₂	NH-cyclopropyl
	amino acid	H	NH ₂	NH-methyl
	amino acid	H	NH ₂	NH-ethyl
	amino acid	H	NH ₂	NH-acetyl
	amino acid	H	NH ₂	OH
	amino acid	H	NH ₂	OMe
50	amino acid	H	NH ₂	OEt
	amino acid	H	NH ₂	O-cyclopropyl
	amino acid	H	NH ₂	O-acetyl
	amino acid	H	NH ₂	SH
	amino acid	H	NH ₂	SMe
	amino acid	H	NH ₂	SEt
55	amino acid	H	NH ₂	S-cyclopropyl
	amino acid	H	NH ₂	F
	amino acid	H	NH ₂	Cl
	amino acid	H	NH ₂	Br
	amino acid	H	NH ₂	I
	amino acid	acyl	NH ₂	H
60	amino acid	acyl	NH ₂	NH ₂
	amino acid	acyl	NH ₂	NH-cyclopropyl
	amino acid	acyl	NH ₂	NH-methyl
	amino acid	acyl	NH ₂	NH-ethyl
	amino acid	acyl	NH ₂	NH-acetyl
	amino acid	acyl	NH ₂	OH
	amino acid	acyl	NH ₂	OMe
65	amino acid	acyl	NH ₂	OEt
	amino acid	acyl	NH ₂	O-cyclopropyl

TABLE 7-continued

R ²	R ³	X ¹	X ²	Y
amino acid	acyl	NH ₂	NH ₂	O-acetyl
amino acid	acyl	NH ₂	NH ₂	SH
amino acid	acyl	NH ₂	NH ₂	SMe
amino acid	acyl	NH ₂	NH ₂	SEt
amino acid	acyl	NH ₂	NH ₂	S-cyclopropyl
amino acid	acyl	NH ₂	NH ₂	F
amino acid	acyl	NH ₂	NH ₂	Cl
amino acid	acyl	NH ₂	NH ₂	Br
amino acid	acyl	NH ₂	NH ₂	I
acyl	H	SH	NH ₂	H
acyl	H	SH	NH ₂	NH ₂
acyl	H	SH	NH ₂	NH-cyclopropyl
acyl	H	SH	NH ₂	NH-methyl
acyl	H	SH	NH ₂	NH-ethyl
acyl	H	SH	NH ₂	NH-acetyl
acyl	H	SH	NH ₂	OH
acyl	H	SH	NH ₂	OMe
acyl	H	SH	NH ₂	OEt
acyl	H	SH	NH ₂	O-cyclopropyl
acyl	H	SH	NH ₂	O-acetyl
acyl	H	SH	NH ₂	SH
acyl	H	SH	NH ₂	SMe
acyl	H	SH	NH ₂	SEt
acyl	H	SH	NH ₂	S-cyclopropyl
acyl	H	SH	NH ₂	F
acyl	H	SH	NH ₂	Cl
acyl	H	SH	NH ₂	Br
acyl	H	SH	NH ₂	I
acyl	acyl	SH	NH ₂	H
acyl	acyl	SH	NH ₂	NH ₂
acyl	acyl	SH	NH ₂	NH-cyclopropyl
acyl	acyl	SH	NH ₂	NH-methyl
acyl	acyl	SH	NH ₂	NH-ethyl
acyl	acyl	SH	NH ₂	NH-acetyl
acyl	acyl	SH	NH ₂	OH
acyl	acyl	SH	NH ₂	OMe
acyl	acyl	SH	NH ₂	OEt
acyl	acyl	SH	NH ₂	O-cyclopropyl
acyl	acyl	SH	NH ₂	O-acetyl
acyl	acyl	SH	NH ₂	SH
acyl	acyl	SH	NH ₂	SMe
acyl	acyl	SH	NH ₂	SEt
acyl	acyl	SH	NH ₂	S-cyclopropyl
acyl	acyl	SH	NH ₂	F
acyl	acyl	SH	NH ₂	Cl
acyl	acyl	SH	NH ₂	Br
acyl	acyl	SH	NH ₂	I
acyl	amino acid	SH	NH ₂	H
acyl	amino acid	SH	NH ₂	NH ₂
acyl	amino acid	SH	NH ₂	NH-cyclopropyl
acyl	amino acid	SH	NH ₂	NH-methyl
acyl	amino acid	SH	NH ₂	NH-ethyl
acyl	amino acid	SH	NH ₂	NH-acetyl
acyl	amino acid	SH	NH ₂	OH
acyl	amino acid	SH	NH ₂	OMe
acyl	amino acid	SH	NH ₂	OEt
acyl	amino acid	SH	NH ₂	O-cyclopropyl
acyl	amino acid	SH	NH ₂	O-acetyl
acyl	amino acid	SH	NH ₂	SH
acyl	amino acid	SH	NH ₂	SMe
acyl	amino acid	SH	NH ₂	SEt
acyl	amino acid	SH	NH ₂	S-cyclopropyl
acyl	amino acid	SH	NH ₂	F
acyl	amino acid	SH	NH ₂	Cl
acyl	amino acid	SH	NH ₂	Br
acyl	amino acid	SH	NH ₂	I
H	acyl	SH	NH ₂	H
H	acyl	SH	NH ₂	NH ₂
H	acyl	SH	NH ₂	NH-cyclopropyl
H	acyl	SH	NH ₂	NH-methyl
H	acyl	SH	NH ₂	NH-ethyl
H	acyl	SH	NH ₂	NH-acetyl
H	acyl	SH	NH ₂	OH
H	acyl	SH	NH ₂	OMe
H	acyl	SH	NH ₂	OEt
H	acyl	SH	NH ₂	O-cyclopropyl
H	acyl	SH	NH ₂	O-acetyl

TABLE 7-continued

	R ²	R ³	X ¹	X ²	Y
5	H	acyl	SH	NH ₂	SH
	H	acyl	SH	NH ₂	SMe
	H	acyl	SH	NH ₂	SEt
	H	acyl	SH	NH ₂	S-cyclopropyl
	H	acyl	SH	NH ₂	F
	H	acyl	SH	NH ₂	Cl
10	H	acyl	SH	NH ₂	Br
	H	acyl	SH	NH ₂	I
	H	amino acid	SH	NH ₂	H
	H	amino acid	SH	NH ₂	NH ₂
	H	amino acid	SH	NH ₂	NH-cyclopropyl
	H	amino acid	SH	NH ₂	NH-methyl
15	H	amino acid	SH	NH ₂	NH-ethyl
	H	amino acid	SH	NH ₂	NH-acetyl
	H	amino acid	SH	NH ₂	OH
	H	amino acid	SH	NH ₂	OMe
	H	amino acid	SH	NH ₂	OEt
	H	amino acid	SH	NH ₂	O-cyclopropyl
	H	amino acid	SH	NH ₂	O-acetyl
20	H	amino acid	SH	NH ₂	SH
	H	amino acid	SH	NH ₂	SMe
	H	amino acid	SH	NH ₂	SEt
	H	amino acid	SH	NH ₂	S-cyclopropyl
	H	amino acid	SH	NH ₂	F
	H	amino acid	SH	NH ₂	Cl
25	H	amino acid	SH	NH ₂	Br
	H	amino acid	SH	NH ₂	I
	amino acid	amino acid	SH	NH ₂	H
	amino acid	amino acid	SH	NH ₂	NH ₂
	amino acid	amino acid	SH	NH ₂	NH-cyclopropyl
	amino acid	amino acid	SH	NH ₂	NH-methyl
30	amino acid	amino acid	SH	NH ₂	NH-ethyl
	amino acid	amino acid	SH	NH ₂	NH-acetyl
	amino acid	amino acid	SH	NH ₂	OH
	amino acid	amino acid	SH	NH ₂	OMe
	amino acid	amino acid	SH	NH ₂	OEt
	amino acid	amino acid	SH	NH ₂	O-cyclopropyl
35	amino acid	amino acid	SH	NH ₂	O-acetyl
	amino acid	amino acid	SH	NH ₂	SH
	amino acid	amino acid	SH	NH ₂	SMe
	amino acid	amino acid	SH	NH ₂	SEt
	amino acid	amino acid	SH	NH ₂	S-cyclopropyl
	amino acid	amino acid	SH	NH ₂	F
	amino acid	amino acid	SH	NH ₂	Cl
40	amino acid	amino acid	SH	NH ₂	Br
	amino acid	amino acid	SH	NH ₂	I
	amino acid	H	SH	NH ₂	H
	amino acid	H	SH	NH ₂	NH ₂
	amino acid	H	SH	NH ₂	NH-cyclopropyl
	amino acid	H	SH	NH ₂	NH-methyl
45	amino acid	H	SH	NH ₂	NH-ethyl
	amino acid	H	SH	NH ₂	NH-acetyl
	amino acid	H	SH	NH ₂	OH
	amino acid	H	SH	NH ₂	OMe
	amino acid	H	SH	NH ₂	OEt
	amino acid	H	SH	NH ₂	O-cyclopropyl
	amino acid	H	SH	NH ₂	O-acetyl
50	amino acid	H	SH	NH ₂	SH
	amino acid	H	SH	NH ₂	SMe
	amino acid	H	SH	NH ₂	SEt
	amino acid	H	SH	NH ₂	S-cyclopropyl
	amino acid	H	SH	NH ₂	F
	amino acid	H	SH	NH ₂	Cl
55	amino acid	H	SH	NH ₂	Br
	amino acid	H	SH	NH ₂	I
	amino acid	acyl	SH	NH ₂	H
	amino acid	acyl	SH	NH ₂	NH ₂
	amino acid	acyl	SH	NH ₂	NH-cyclopropyl
	amino acid	acyl	SH	NH ₂	NH-methyl
60	amino acid	acyl	SH	NH ₂	NH-ethyl
	amino acid	acyl	SH	NH ₂	NH-acetyl
	amino acid	acyl	SH	NH ₂	OH
	amino acid	acyl	SH	NH ₂	OMe
	amino acid	acyl	SH	NH ₂	OEt
	amino acid	acyl	SH	NH ₂	O-cyclopropyl
65	amino acid	acyl	SH	NH ₂	O-acetyl
	amino acid	acyl	SH	NH ₂	SH

TABLE 7-continued

R ²	R ³	X ¹	X ²	Y
amino acid	acyl	SH	NH ₂	SMe
amino acid	acyl	SH	NH ₂	SEt
amino acid	acyl	SH	NH ₂	S-cyclopropyl
amino acid	acyl	SH	NH ₂	F
amino acid	acyl	SH	NH ₂	Cl
amino acid	acyl	SH	NH ₂	Br
amino acid	acyl	SH	NH ₂	I
acyl	H	OH	NH ₂	H
acyl	H	OH	NH ₂	NH ₃
acyl	H	OH	NH ₂	NH-cyclopropyl
acyl	H	OH	NH ₂	NH-methyl
acyl	H	OH	NH ₂	NH-ethyl
acyl	H	OH	NH ₂	NH-acetyl
acyl	H	OH	NH ₂	OH
acyl	H	OH	NH ₂	OMe
acyl	H	OH	NH ₂	OEt
acyl	H	OH	NH ₂	O-cyclopropyl
acyl	H	OH	NH ₂	O-acetyl
acyl	H	OH	NH ₂	SH
acyl	H	OH	NH ₂	SMe
acyl	H	OH	NH ₂	SEt
acyl	H	OH	NH ₂	S-cyclopropyl
acyl	H	OH	NH ₂	F
acyl	H	OH	NH ₂	Cl
acyl	H	OH	NH ₂	Br
acyl	H	OH	NH ₂	I
acyl	acyl	OH	NH ₂	H
acyl	acyl	OH	NH ₂	NH ₃
acyl	acyl	OH	NH ₂	NH-cyclopropyl
acyl	acyl	OH	NH ₂	NH-methyl
acyl	acyl	OH	NH ₂	NH-ethyl
acyl	acyl	OH	NH ₂	NH-acetyl
acyl	acyl	OH	NH ₂	OH
acyl	acyl	OH	NH ₂	OMe
acyl	acyl	OH	NH ₂	OEt
acyl	acyl	OH	NH ₂	O-cyclopropyl
acyl	acyl	OH	NH ₂	O-acetyl
acyl	acyl	OH	NH ₂	SH
acyl	acyl	OH	NH ₂	SMe
acyl	acyl	OH	NH ₂	SEt
acyl	acyl	OH	NH ₂	S-cyclopropyl
acyl	acyl	OH	NH ₂	F
acyl	acyl	OH	NH ₂	Cl
acyl	acyl	OH	NH ₂	Br
acyl	acyl	OH	NH ₂	I
acyl	amino acid	OH	NH ₂	H
acyl	amino acid	OH	NH ₂	NH ₃
acyl	amino acid	OH	NH ₂	NH-cyclopropyl
acyl	amino acid	OH	NH ₂	NH-methyl
acyl	amino acid	OH	NH ₂	NH-ethyl
acyl	amino acid	OH	NH ₂	NH-acetyl
acyl	amino acid	OH	NH ₂	OH
acyl	amino acid	OH	NH ₂	OMe
acyl	amino acid	OH	NH ₂	OEt
acyl	amino acid	OH	NH ₂	O-cyclopropyl
acyl	amino acid	OH	NH ₂	O-acetyl
acyl	amino acid	OH	NH ₂	SH
acyl	amino acid	OH	NH ₂	SMe
acyl	amino acid	OH	NH ₂	SEt
acyl	amino acid	OH	NH ₂	S-cyclopropyl
acyl	amino acid	OH	NH ₂	F
acyl	amino acid	OH	NH ₂	Cl
acyl	amino acid	OH	NH ₂	Br
acyl	amino acid	OH	NH ₂	I
H	acyl	OH	NH ₂	H
H	acyl	OH	NH ₂	NH ₃
H	acyl	OH	NH ₂	NH-cyclopropyl
H	acyl	OH	NH ₂	NH-methyl
H	acyl	OH	NH ₂	NH-ethyl
H	acyl	OH	NH ₂	NH-acetyl
H	acyl	OH	NH ₂	OH
H	acyl	OH	NH ₂	OMe
H	acyl	OH	NH ₂	OEt
H	acyl	OH	NH ₂	O-cyclopropyl
H	acyl	OH	NH ₂	O-acetyl
H	acyl	OH	NH ₂	SH
H	acyl	OH	NH ₂	SMe

TABLE 7-continued

	R ²	R ³	X ¹	X ²	Y
5	H	acyl	OH	NH ₂	SEt
	H	acyl	OH	NH ₂	S-cyclopropyl
	H	acyl	OH	NH ₂	F
	H	acyl	OH	NH ₂	Cl
	H	acyl	OH	NH ₂	Br
	H	acyl	OH	NH ₂	I
10	H	amino acid	OH	NH ₂	H
	H	amino acid	OH	NH ₂	NH ₂
	H	amino acid	OH	NH ₂	NH-cyclopropyl
	H	amino acid	OH	NH ₂	NH-methyl
	H	amino acid	OH	NH ₂	NH-ethyl
	H	amino acid	OH	NH ₂	NH-acetyl
15	H	amino acid	OH	NH ₂	OH
	H	amino acid	OH	NH ₂	OMe
	H	amino acid	OH	NH ₂	OEt
	H	amino acid	OH	NH ₂	O-cyclopropyl
	H	amino acid	OH	NH ₂	O-acetyl
	H	amino acid	OH	NH ₂	SH
20	H	amino acid	OH	NH ₂	SMe
	H	amino acid	OH	NH ₂	SEt
	H	amino acid	OH	NH ₂	S-cyclopropyl
	H	amino acid	OH	NH ₂	F
	H	amino acid	OH	NH ₂	Cl
	H	amino acid	OH	NH ₂	Br
	H	amino acid	OH	NH ₂	I
25	amino acid	amino acid	OH	NH ₂	H
	amino acid	amino acid	OH	NH ₂	NH ₂
	amino acid	amino acid	OH	NH ₂	NH-cyclopropyl
	amino acid	amino acid	OH	NH ₂	NH-methyl
	amino acid	amino acid	OH	NH ₂	NH-ethyl
	amino acid	amino acid	OH	NH ₂	NH-acetyl
30	amino acid	amino acid	OH	NH ₂	OH
	amino acid	amino acid	OH	NH ₂	OMe
	amino acid	amino acid	OH	NH ₂	OEt
	amino acid	amino acid	OH	NH ₂	O-cyclopropyl
	amino acid	amino acid	OH	NH ₂	O-acetyl
	amino acid	amino acid	OH	NH ₂	SH
35	amino acid	amino acid	OH	NH ₂	SMe
	amino acid	amino acid	OH	NH ₂	SEt
	amino acid	amino acid	OH	NH ₂	S-cyclopropyl
	amino acid	amino acid	OH	NH ₂	F
	amino acid	amino acid	OH	NH ₂	Cl
	amino acid	amino acid	OH	NH ₂	Br
40	amino acid	amino acid	OH	NH ₂	I
	amino acid	H	OH	NH ₂	H
	amino acid	H	OH	NH ₂	NH ₂
	amino acid	H	OH	NH ₂	NH-cyclopropyl
	amino acid	H	OH	NH ₂	NH-methyl
	amino acid	H	OH	NH ₂	NH-ethyl
	amino acid	H	OH	NH ₂	NH-acetyl
45	amino acid	H	OH	NH ₂	OH
	amino acid	H	OH	NH ₂	OMe
	amino acid	H	OH	NH ₂	OEt
	amino acid	H	OH	NH ₂	O-cyclopropyl
	amino acid	H	OH	NH ₂	O-acetyl
	amino acid	H	OH	NH ₂	SH
50	amino acid	H	OH	NH ₂	SMe
	amino acid	H	OH	NH ₂	SEt
	amino acid	H	OH	NH ₂	S-cyclopropyl
	amino acid	H	OH	NH ₂	F
	amino acid	H	OH	NH ₂	Cl
	amino acid	H	OH	NH ₂	Br
55	amino acid	H	OH	NH ₂	I
	amino acid	acyl	OH	NH ₂	H
	amino acid	acyl	OH	NH ₂	NH ₂
	amino acid	acyl	OH	NH ₂	NH-cyclopropyl
	amino acid	acyl	OH	NH ₂	NH-methyl
	amino acid	acyl	OH	NH ₂	NH-ethyl
	amino acid	acyl	OH	NH ₂	NH-acetyl
60	amino acid	acyl	OH	NH ₂	OH
	amino acid	acyl	OH	NH ₂	OMe
	amino acid	acyl	OH	NH ₂	OEt
	amino acid	acyl	OH	NH ₂	O-cyclopropyl
	amino acid	acyl	OH	NH ₂	O-acetyl
	amino acid	acyl	OH	NH ₂	SH
65	amino acid	acyl	OH	NH ₂	SMe
	amino acid	acyl	OH	NH ₂	SEt

TABLE 7-continued

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TABLE 7-continued

R ²	R ³	X ¹	X ²	Y
amino acid	acyl	CH ₃	SH	Cl
amino acid	acyl	CH ₃	SH	Br
amino acid	acyl	CH ₃	SH	I
acyl	H	CF ₃	SH	H
acyl	H	CF ₃	SH	NH ₂
acyl	H	CF ₃	SH	NH-cyclopropyl
acyl	H	CF ₃	SH	NH-methyl
acyl	H	CF ₃	SH	NH-ethyl
acyl	H	CF ₃	SH	NH-acetyl
acyl	H	CF ₃	SH	OH
acyl	H	CF ₃	SH	OMe
acyl	H	CF ₃	SH	OEt
acyl	H	CF ₃	SH	O-cyclopropyl
acyl	H	CF ₃	SH	O-acetyl
acyl	H	CF ₃	SH	SH
acyl	H	CF ₃	SH	SMe
acyl	H	CF ₃	SH	SEt
acyl	H	CF ₃	SH	S-cyclopropyl
acyl	H	CF ₃	SH	F
acyl	H	CF ₃	SH	Cl
acyl	H	CF ₃	SH	Br
acyl	H	CF ₃	SH	I
acyl	acyl	CF ₃	SH	H
acyl	acyl	CF ₃	SH	NH ₂
acyl	acyl	CF ₃	SH	NH-cyclopropyl
acyl	acyl	CF ₃	SH	NH-methyl
acyl	acyl	CF ₃	SH	NH-ethyl
acyl	acyl	CF ₃	SH	NH-acetyl
acyl	acyl	CF ₃	SH	OH
acyl	acyl	CF ₃	SH	OMe
acyl	acyl	CF ₃	SH	OEt
acyl	acyl	CF ₃	SH	O-cyclopropyl
acyl	acyl	CF ₃	SH	O-acetyl
acyl	acyl	CF ₃	SH	SH
acyl	acyl	CF ₃	SH	SMe
acyl	acyl	CF ₃	SH	SEt
acyl	acyl	CF ₃	SH	S-cyclopropyl
acyl	acyl	CF ₃	SH	F
acyl	acyl	CF ₃	SH	Cl
acyl	acyl	CF ₃	SH	Br
acyl	acyl	CF ₃	SH	I
acyl	amino acid	CF ₃	SH	H
acyl	amino acid	CF ₃	SH	NH ₂
acyl	amino acid	CF ₃	SH	NH-cyclopropyl
acyl	amino acid	CF ₃	SH	NH-methyl
acyl	amino acid	CF ₃	SH	NH-ethyl
acyl	amino acid	CF ₃	SH	NH-acetyl
acyl	amino acid	CF ₃	SH	OH
acyl	amino acid	CF ₃	SH	OMe
acyl	amino acid	CF ₃	SH	OEt
acyl	amino acid	CF ₃	SH	O-cyclopropyl
acyl	amino acid	CF ₃	SH	O-acetyl
acyl	amino acid	CF ₃	SH	SH
acyl	amino acid	CF ₃	SH	SMe
acyl	amino acid	CF ₃	SH	SEt
acyl	amino acid	CF ₃	SH	S-cyclopropyl
acyl	amino acid	CF ₃	SH	F
acyl	amino acid	CF ₃	SH	Cl
acyl	amino acid	CF ₃	SH	Br
acyl	amino acid	CF ₃	SH	I
H	acyl	CF ₃	SH	H
H	acyl	CF ₃	SH	NH ₂
H	acyl	CF ₃	SH	NH-cyclopropyl
H	acyl	CF ₃	SH	NH-methyl
H	acyl	CF ₃	SH	NH-ethyl
H	acyl	CF ₃	SH	NH-acetyl
H	acyl	CF ₃	SH	OH
H	acyl	CF ₃	SH	OMe
H	acyl	CF ₃	SH	OEt
H	acyl	CF ₃	SH	O-cyclopropyl
H	acyl	CF ₃	SH	O-acetyl
H	acyl	CF ₃	SH	SH
H	acyl	CF ₃	SH	SMe
H	acyl	CF ₃	SH	SEt
H	acyl	CF ₃	SH	S-cyclopropyl
H	acyl	CF ₃	SH	F
H	acyl	CF ₃	SH	Cl

TABLE 7-continued

	R ²	R ³	X ¹	X ²	Y
5	H	acyl	CF ₃	SH	Br
	H	acyl	CF ₃	SH	I
	H	amino acid	CF ₃	SH	H
	H	amino acid	CF ₃	SH	NH ₂
	H	amino acid	CF ₃	SH	NH-cyclopropyl
	H	amino acid	CF ₃	SH	NH-methyl
10	H	amino acid	CF ₃	SH	NH-ethyl
	H	amino acid	CF ₃	SH	NH-acetyl
	H	amino acid	CF ₃	SH	OH
	H	amino acid	CF ₃	SH	OMe
	H	amino acid	CF ₃	SH	OEt
	H	amino acid	CF ₃	SH	O-cyclopropyl
	H	amino acid	CF ₃	SH	O-acetyl
15	H	amino acid	CF ₃	SH	SH
	H	amino acid	CF ₃	SH	SMe
	H	amino acid	CF ₃	SH	SEt
	H	amino acid	CF ₃	SH	S-cyclopropyl
	H	amino acid	CF ₃	SH	F
	H	amino acid	CF ₃	SH	Cl
20	H	amino acid	CF ₃	SH	Br
	H	amino acid	CF ₃	SH	I
	amino acid	amino acid	CF ₃	SH	H
	amino acid	amino acid	CF ₃	SH	NH ₂
	amino acid	amino acid	CF ₃	SH	NH-cyclopropyl
	amino acid	amino acid	CF ₃	SH	NH-methyl
25	amino acid	amino acid	CF ₃	SH	NH-ethyl
	amino acid	amino acid	CF ₃	SH	NH-acetyl
	amino acid	amino acid	CF ₃	SH	OH
	amino acid	amino acid	CF ₃	SH	OMe
	amino acid	amino acid	CF ₃	SH	OEt
	amino acid	amino acid	CF ₃	SH	O-cyclopropyl
	amino acid	amino acid	CF ₃	SH	O-acetyl
30	amino acid	amino acid	CF ₃	SH	SH
	amino acid	amino acid	CF ₃	SH	SMe
	amino acid	amino acid	CF ₃	SH	SEt
	amino acid	amino acid	CF ₃	SH	S-cyclopropyl
	amino acid	amino acid	CF ₃	SH	F
	amino acid	amino acid	CF ₃	SH	Cl
35	amino acid	amino acid	CF ₃	SH	Br
	amino acid	amino acid	CF ₃	SH	I
	amino acid	H	CF ₃	SH	H
	amino acid	H	CF ₃	SH	NH ₂
	amino acid	H	CF ₃	SH	NH-cyclopropyl
40	amino acid	H	CF ₃	SH	NH-methyl
	amino acid	H	CF ₃	SH	NH-ethyl
	amino acid	H	CF ₃	SH	NH-acetyl
	amino acid	H	CF ₃	SH	OH
	amino acid	H	CF ₃	SH	OMe
	amino acid	H	CF ₃	SH	OEt
	amino acid	H	CF ₃	SH	O-cyclopropyl
45	amino acid	H	CF ₃	SH	O-acetyl
	amino acid	H	CF ₃	SH	SH
	amino acid	H	CF ₃	SH	SMe
	amino acid	H	CF ₃	SH	SEt
	amino acid	H	CF ₃	SH	S-cyclopropyl
	amino acid	H	CF ₃	SH	F
	amino acid	H	CF ₃	SH	Cl
	amino acid	H	CF ₃	SH	Br
	amino acid	H	CF ₃	SH	I
	amino acid	acyl	CF ₃	SH	H
	amino acid	acyl	CF ₃	SH	NH ₂
	amino acid	acyl	CF ₃	SH	NH-cyclopropyl
55	amino acid	acyl	CF ₃	SH	NH-methyl
	amino acid	acyl	CF ₃	SH	NH-ethyl
	amino acid	acyl	CF ₃	SH	NH-acetyl
	amino acid	acyl	CF ₃	SH	OH
	amino acid	acyl	CF ₃	SH	OMe
	amino acid	acyl	CF ₃	SH	OEt
	amino acid	acyl	CF ₃	SH	O-cyclopropyl
	amino acid	acyl	CF ₃	SH	O-acetyl
	amino acid	acyl	CF ₃	SH	SH
	amino acid	acyl	CF ₃	SH	SMe
	amino acid	acyl	CF ₃	SH	SEt
	amino acid	acyl	CF ₃	SH	S-cyclopropyl
	amino acid	acyl	CF ₃	SH	F
60	amino acid	acyl	CF ₃	SH	Cl
	amino acid	acyl	CF ₃	SH	Br
	amino acid	acyl	CF ₃	SH	I
	amino acid	acyl	CF ₃	SH	Br
65	amino acid	acyl	CF ₃	SH	Br

TABLE 7-continued

R ²	R ³	X ¹	X ²	Y
amino acid	acyl	CF ₃	SH	I
acyl	H	Br	SH	H
acyl	H	Br	SH	NH ₂
acyl	H	Br	SH	NH-cyclopropyl
acyl	H	Br	SH	NH-methyl
acyl	H	Br	SH	NH-ethyl
acyl	H	Br	SH	NH-acetyl
acyl	H	Br	SH	OH
acyl	H	Br	SH	OMe
acyl	H	Br	SH	OEt
acyl	H	Br	SH	O-cyclopropyl
acyl	H	Br	SH	O-acetyl
acyl	H	Br	SH	SH
acyl	H	Br	SH	SMe
acyl	H	Br	SH	SEt
acyl	H	Br	SH	S-cyclopropyl
acyl	H	Br	SH	F
acyl	H	Br	SH	Cl
acyl	H	Br	SH	Br
acyl	H	Br	SH	I
acyl	H	Br	SH	H
acyl	acyl	Br	SH	H
acyl	acyl	Br	SH	NH ₂
acyl	acyl	Br	SH	NH-cyclopropyl
acyl	acyl	Br	SH	NH-methyl
acyl	acyl	Br	SH	NH-ethyl
acyl	acyl	Br	SH	NH-acetyl
acyl	acyl	Br	SH	OH
acyl	acyl	Br	SH	OMe
acyl	acyl	Br	SH	OEt
acyl	acyl	Br	SH	O-cyclopropyl
acyl	acyl	Br	SH	O-acetyl
acyl	acyl	Br	SH	SH
acyl	acyl	Br	SH	SMe
acyl	acyl	Br	SH	SEt
acyl	acyl	Br	SH	S-cyclopropyl
acyl	acyl	Br	SH	F
acyl	acyl	Br	SH	Cl
acyl	acyl	Br	SH	Br
acyl	acyl	Br	SH	I
acyl	amino acid	Br	SH	H
acyl	amino acid	Br	SH	NH ₂
acyl	amino acid	Br	SH	NH-cyclopropyl
acyl	amino acid	Br	SH	NH-methyl
acyl	amino acid	Br	SH	NH-ethyl
acyl	amino acid	Br	SH	NH-acetyl
acyl	amino acid	Br	SH	OH
acyl	amino acid	Br	SH	OMe
acyl	amino acid	Br	SH	OEt
acyl	amino acid	Br	SH	O-cyclopropyl
acyl	amino acid	Br	SH	O-acetyl
acyl	amino acid	Br	SH	SH
acyl	amino acid	Br	SH	SMe
acyl	amino acid	Br	SH	SEt
acyl	amino acid	Br	SH	S-cyclopropyl
acyl	amino acid	Br	SH	F
acyl	amino acid	Br	SH	Cl
acyl	amino acid	Br	SH	Br
acyl	amino acid	Br	SH	I
H	acyl	Br	SH	H
H	acyl	Br	SH	NH ₂
H	acyl	Br	SH	NH-cyclopropyl
H	acyl	Br	SH	NH-methyl
H	acyl	Br	SH	NH-ethyl
H	acyl	Br	SH	NH-acetyl
H	acyl	Br	SH	OH
H	acyl	Br	SH	OMe
H	acyl	Br	SH	OEt
H	acyl	Br	SH	O-cyclopropyl
H	acyl	Br	SH	O-acetyl
H	acyl	Br	SH	SH
H	acyl	Br	SH	SMe
H	acyl	Br	SH	SEt
H	acyl	Br	SH	S-cyclopropyl
H	acyl	Br	SH	F
H	acyl	Br	SH	Cl
H	acyl	Br	SH	Br
H	acyl	Br	SH	I

TABLE 7-continued

	R ²	R ³	X ¹	X ²	Y
5	H	amino acid	Br	SH	H
	H	amino acid	Br	SH	NH ₂
	H	amino acid	Br	SH	NH-cyclopropyl
	H	amino acid	Br	SH	NH-methyl
	H	amino acid	Br	SH	NH-ethyl
10	H	amino acid	Br	SH	NH-acetyl
	H	amino acid	Br	SH	OH
	H	amino acid	Br	SH	OMe
	H	amino acid	Br	SH	OEt
	H	amino acid	Br	SH	O-cyclopropyl
15	H	amino acid	Br	SH	O-acetyl
	H	amino acid	Br	SH	SH
	H	amino acid	Br	SH	SMe
	H	amino acid	Br	SH	SEt
	H	amino acid	Br	SH	S-cyclopropyl
20	H	amino acid	Br	SH	F
	H	amino acid	Br	SH	Cl
	H	amino acid	Br	SH	Br
	H	amino acid	Br	SH	I
	amino acid	amino acid	Br	SH	H
25	amino acid	amino acid	Br	SH	NH ₂
	amino acid	amino acid	Br	SH	NH-cyclopropyl
	amino acid	amino acid	Br	SH	NH-methyl
	amino acid	amino acid	Br	SH	NH-ethyl
	amino acid	amino acid	Br	SH	NH-acetyl
30	amino acid	amino acid	Br	SH	OH
	amino acid	amino acid	Br	SH	OMe
	amino acid	amino acid	Br	SH	OEt
	amino acid	amino acid	Br	SH	O-cyclopropyl
	amino acid	amino acid	Br	SH	O-acetyl
35	amino acid	amino acid	Br	SH	SH
	amino acid	amino acid	Br	SH	SMe
	amino acid	amino acid	Br	SH	SEt
	amino acid	amino acid	Br	SH	S-cyclopropyl
	amino acid	amino acid	Br	SH	F
40	amino acid	amino acid	Br	SH	Cl
	amino acid	amino acid	Br	SH	Br
	amino acid	amino acid	Br	SH	I
	amino acid	H	Br	SH	H
	amino acid	H	Br	SH	NH ₂
45	amino acid	H	Br	SH	NH-cyclopropyl
	amino acid	H	Br	SH	NH-methyl
	amino acid	H	Br	SH	NH-ethyl
	amino acid	H	Br	SH	NH-acetyl
	amino acid	H	Br	SH	OH
50	amino acid	H	Br	SH	OMe
	amino acid	H	Br	SH	OEt
	amino acid	H	Br	SH	O-cyclopropyl
	amino acid	H	Br	SH	O-acetyl
	amino acid	H	Br	SH	SH
55	amino acid	H	Br	SH	SMe
	amino acid	H	Br	SH	SEt
	amino acid	H	Br	SH	S-cyclopropyl
	amino acid	H	Br	SH	F
	amino acid	H	Br	SH	Cl
60	amino acid	H	Br	SH	Br
	amino acid	H	Br	SH	I
	amino acid	acyl	Br	SH	H
	amino acid	acyl	Br	SH	NH ₂
	amino acid	acyl	Br	SH	NH-cyclopropyl
65	amino acid	acyl	Br	SH	NH-methyl
	amino acid	acyl	Br	SH	NH-ethyl
	amino acid	acyl	Br	SH	NH-acetyl
	amino acid	acyl	Br	SH	OH
	amino acid	acyl	Br	SH	OMe
	amino acid	acyl	Br	SH	OEt
	amino acid	acyl	Br	SH	O-cyclopropyl
	amino acid	acyl	Br	SH	O-acetyl
	amino acid	acyl	Br	SH	SH
	amino acid	acyl	Br	SH	SMe
	amino acid	acyl	Br	SH	SEt
	amino acid	acyl	Br	SH	S-cyclopropyl
	amino acid	acyl	Br	SH	F
	amino acid	acyl	Br	SH	Cl
	amino acid	acyl	Br	SH	Br
	amino acid	acyl	Br	SH	I
	acyl	H	Cl	SH	H

TABLE 7-continued

R ²	R ³	X ¹	X ²	Y
acyl	H	Cl	SH	NH ₂
acyl	H	Cl	SH	NH-cyclopropyl
acyl	H	Cl	SH	NH-methyl
acyl	H	Cl	SH	NH-ethyl
acyl	H	Cl	SH	NH-acetyl
acyl	H	Cl	SH	OH
acyl	H	Cl	SH	OMe
acyl	H	Cl	SH	OEt
acyl	H	Cl	SH	O-cyclopropyl
acyl	H	Cl	SH	O-acetyl
acyl	H	Cl	SH	SH
acyl	H	Cl	SH	SMe
acyl	H	Cl	SH	SEt
acyl	H	Cl	SH	S-cyclopropyl
acyl	H	Cl	SH	F
acyl	H	Cl	SH	Cl
acyl	H	Cl	SH	Br
acyl	H	Cl	SH	I
acyl	acyl	Cl	SH	H
acyl	acyl	Cl	SH	NH ₂
acyl	acyl	Cl	SH	NH-cyclopropyl
acyl	acyl	Cl	SH	NH-methyl
acyl	acyl	Cl	SH	NH-ethyl
acyl	acyl	Cl	SH	NH-acetyl
acyl	acyl	Cl	SH	OH
acyl	acyl	Cl	SH	OMe
acyl	acyl	Cl	SH	OEt
acyl	acyl	Cl	SH	O-cyclopropyl
acyl	acyl	Cl	SH	O-acetyl
acyl	acyl	Cl	SH	SH
acyl	acyl	Cl	SH	SMe
acyl	acyl	Cl	SH	SEt
acyl	acyl	Cl	SH	S-cyclopropyl
acyl	acyl	Cl	SH	F
acyl	acyl	Cl	SH	Cl
acyl	acyl	Cl	SH	Br
acyl	acyl	Cl	SH	I
acyl	acyl	Cl	SH	H
acyl	amino acid	Cl	SH	H
acyl	amino acid	Cl	SH	NH ₂
acyl	amino acid	Cl	SH	NH-cyclopropyl
acyl	amino acid	Cl	SH	NH-methyl
acyl	amino acid	Cl	SH	NH-ethyl
acyl	amino acid	Cl	SH	NH-acetyl
acyl	amino acid	Cl	SH	OH
acyl	amino acid	Cl	SH	OMe
acyl	amino acid	Cl	SH	OEt
acyl	amino acid	Cl	SH	O-cyclopropyl
acyl	amino acid	Cl	SH	O-acetyl
acyl	amino acid	Cl	SH	SH
acyl	amino acid	Cl	SH	SMe
acyl	amino acid	Cl	SH	SEt
acyl	amino acid	Cl	SH	S-cyclopropyl
acyl	amino acid	Cl	SH	F
acyl	amino acid	Cl	SH	Cl
acyl	amino acid	Cl	SH	Br
acyl	amino acid	Cl	SH	I
H	acyl	Cl	SH	H
H	acyl	Cl	SH	NH ₂
H	acyl	Cl	SH	NH-cyclopropyl
H	acyl	Cl	SH	NH-methyl
H	acyl	Cl	SH	NH-ethyl
H	acyl	Cl	SH	NH-acetyl
H	acyl	Cl	SH	OH
H	acyl	Cl	SH	OMe
H	acyl	Cl	SH	OEt
H	acyl	Cl	SH	O-cyclopropyl
H	acyl	Cl	SH	O-acetyl
H	acyl	Cl	SH	SH
H	acyl	Cl	SH	SMe
H	acyl	Cl	SH	SEt
H	acyl	Cl	SH	S-cyclopropyl
H	acyl	Cl	SH	F
H	acyl	Cl	SH	Cl
H	acyl	Cl	SH	Br
H	acyl	Cl	SH	I
H	amino acid	Cl	SH	H
H	amino acid	Cl	SH	NH ₂

TABLE 7-continued

R ²	R ³	X ¹	X ²	Y	
5	H	amino acid	Cl	SH	NH-cyclopropyl
	H	amino acid	Cl	SH	NH-methyl
	H	amino acid	Cl	SH	NH-ethyl
	H	amino acid	Cl	SH	NH-acetyl
	H	amino acid	Cl	SH	OH
10	H	amino acid	Cl	SH	OMe
	H	amino acid	Cl	SH	OEt
	H	amino acid	Cl	SH	O-cyclopropyl
	H	amino acid	Cl	SH	O-acetyl
	H	amino acid	Cl	SH	SH
15	H	amino acid	Cl	SH	SMe
	H	amino acid	Cl	SH	SEt
	H	amino acid	Cl	SH	S-cyclopropyl
	H	amino acid	Cl	SH	F
	H	amino acid	Cl	SH	Cl
20	H	amino acid	Cl	SH	Br
	H	amino acid	Cl	SH	I
	amino acid	amino acid	Cl	SH	H
	amino acid	amino acid	Cl	SH	NH ₂
	amino acid	amino acid	Cl	SH	NH-cyclopropyl
	amino acid	amino acid	Cl	SH	NH-methyl
	amino acid	amino acid	Cl	SH	NH-ethyl
	amino acid	amino acid	Cl	SH	NH-acetyl
	amino acid	amino acid	Cl	SH	OH
	amino acid	amino acid	Cl	SH	OMe
25	amino acid	amino acid	Cl	SH	OEt
	amino acid	amino acid	Cl	SH	O-cyclopropyl
	amino acid	amino acid	Cl	SH	O-acetyl
	amino acid	amino acid	Cl	SH	SH
	amino acid	amino acid	Cl	SH	SMe
30	amino acid	amino acid	Cl	SH	SEt
	amino acid	amino acid	Cl	SH	S-cyclopropyl
	amino acid	amino acid	Cl	SH	F
	amino acid	amino acid	Cl	SH	Cl
	amino acid	amino acid	Cl	SH	Br
35	amino acid	amino acid	Cl	SH	I
	amino acid	H	Cl	SH	H
	amino acid	H	Cl	SH	NH ₂
	amino acid	H	Cl	SH	NH-cyclopropyl
	amino acid	H	Cl	SH	NH-methyl
40	amino acid	H	Cl	SH	NH-ethyl
	amino acid	H	Cl	SH	NH-acetyl
	amino acid	H	Cl	SH	OH
	amino acid	H	Cl	SH	OMe
	amino acid	H	Cl	SH	OEt
45	amino acid	H	Cl	SH	O-cyclopropyl
	amino acid	H	Cl	SH	O-acetyl
	amino acid	H	Cl	SH	SH
	amino acid	H	Cl	SH	SMe
	amino acid	H	Cl	SH	SEt
50	amino acid	H	Cl	SH	S-cyclopropyl
	amino acid	H	Cl	SH	F
	amino acid	H	Cl	SH	Cl
	amino acid	H	Cl	SH	Br
	amino acid	H	Cl	SH	I
55	amino acid	acyl	Cl	SH	H
	amino acid	acyl	Cl	SH	NH ₂
	amino acid	acyl	Cl	SH	NH-cyclopropyl
	amino acid	acyl	Cl	SH	NH-methyl
	amino acid	acyl	Cl	SH	NH-ethyl
60	amino acid	acyl	Cl	SH	NH-acetyl
	amino acid	acyl	Cl	SH	OH
	amino acid	acyl	Cl	SH	OMe
	amino acid	acyl	Cl	SH	OEt
	amino acid	acyl	Cl	SH	O-cyclopropyl
65	amino acid	acyl	Cl	SH	O-acetyl
	amino acid	acyl	Cl	SH	SH
	amino acid	acyl	Cl	SH	SMe
	amino acid	acyl	Cl	SH	SEt
	amino acid	acyl	Cl	SH	S-cyclopropyl
70	amino acid	acyl	Cl	SH	F
	amino acid	acyl	Cl	SH	Cl
	amino acid	acyl	Cl	SH	Br
	amino acid	acyl	Cl	SH	I
	acyl	H	F	SH	H
75	acyl	H	F	SH	NH ₂
	acyl	H	F	SH	NH-cyclopropyl
	acyl	H	F	SH	NH-methyl

TABLE 7-continued

R ²	R ³	X ¹	X ²	Y
acyl	H	F	SH	NH-methyl
acyl	H	F	SH	NH-ethyl
acyl	H	F	SH	NH-acetyl
acyl	H	F	SH	OH
acyl	H	F	SH	OMe
acyl	H	F	SH	OEt
acyl	H	F	SH	O-cyclopropyl
acyl	H	F	SH	O-acetyl
acyl	H	F	SH	SMe
acyl	H	F	SH	SEt
acyl	H	F	SH	S-cyclopropyl
acyl	H	F	SH	F
acyl	H	F	SH	Cl
acyl	H	F	SH	Br
acyl	H	F	SH	I
acyl	acyl	F	SH	H
acyl	acyl	F	SH	NH ₂
acyl	acyl	F	SH	NH-cyclopropyl
acyl	acyl	F	SH	NH-methyl
acyl	acyl	F	SH	NH-ethyl
acyl	acyl	F	SH	NH-acetyl
acyl	acyl	F	SH	OH
acyl	acyl	F	SH	OMe
acyl	acyl	F	SH	OEt
acyl	acyl	F	SH	O-cyclopropyl
acyl	acyl	F	SH	O-acetyl
acyl	acyl	F	SH	SH
acyl	acyl	F	SH	SMe
acyl	acyl	F	SH	SEt
acyl	acyl	F	SH	S-cyclopropyl
acyl	acyl	F	SH	F
acyl	acyl	F	SH	Cl
acyl	acyl	F	SH	Br
acyl	acyl	F	SH	I
acyl	acyl	F	SH	H
acyl	amino acid	F	SH	H
acyl	amino acid	F	SH	NH ₂
acyl	amino acid	F	SH	NH-cyclopropyl
acyl	amino acid	F	SH	NH-methyl
acyl	amino acid	F	SH	NH-ethyl
acyl	amino acid	F	SH	NH-acetyl
acyl	amino acid	F	SH	OH
acyl	amino acid	F	SH	OMe
acyl	amino acid	F	SH	OEt
acyl	amino acid	F	SH	O-cyclopropyl
acyl	amino acid	F	SH	O-acetyl
acyl	amino acid	F	SH	SH
acyl	amino acid	F	SH	SMe
acyl	amino acid	F	SH	SEt
acyl	amino acid	F	SH	S-cyclopropyl
acyl	amino acid	F	SH	F
acyl	amino acid	F	SH	Cl
acyl	amino acid	F	SH	Br
acyl	amino acid	F	SH	I
acyl	amino acid	F	SH	H
H	acyl	F	SH	NH ₂
H	acyl	F	SH	NH-cyclopropyl
H	acyl	F	SH	NH-methyl
H	acyl	F	SH	NH-ethyl
H	acyl	F	SH	NH-acetyl
H	acyl	F	SH	OH
H	acyl	F	SH	OMe
H	acyl	F	SH	OEt
H	acyl	F	SH	O-cyclopropyl
H	acyl	F	SH	O-acetyl
H	acyl	F	SH	SH
H	acyl	F	SH	SMe
H	acyl	F	SH	SEt
H	acyl	F	SH	S-cyclopropyl
H	acyl	F	SH	F
H	acyl	F	SH	Cl
H	acyl	F	SH	Br
H	acyl	F	SH	I
H	acyl	F	SH	H
H	amino acid	F	SH	H
H	amino acid	F	SH	NH ₂
H	amino acid	F	SH	NH-cyclopropyl
H	amino acid	F	SH	NH-methyl

TABLE 7-continued

	R ²	R ³	X ¹	X ²	Y
5	H	amino acid	F	SH	NH-ethyl
	H	amino acid	F	SH	NH-acetyl
	H	amino acid	F	SH	OH
	H	amino acid	F	SH	OMe
	H	amino acid	F	SH	OEt
10	H	amino acid	F	SH	O-cyclopropyl
	H	amino acid	F	SH	O-acetyl
	H	amino acid	F	SH	SH
	H	amino acid	F	SH	SMe
	H	amino acid	F	SH	SEt
15	H	amino acid	F	SH	S-cyclopropyl
	H	amino acid	F	SH	F
	H	amino acid	F	SH	Cl
	H	amino acid	F	SH	Br
	H	amino acid	F	SH	I
20	amino acid	amino acid	F	SH	H
	amino acid	amino acid	F	SH	NH ₂
	amino acid	amino acid	F	SH	NH-cyclopropyl
	amino acid	amino acid	F	SH	NH-methyl
	amino acid	amino acid	F	SH	NH-ethyl
25	amino acid	amino acid	F	SH	NH-acetyl
	amino acid	amino acid	F	SH	OH
	amino acid	amino acid	F	SH	OMe
	amino acid	amino acid	F	SH	OEt
	amino acid	amino acid	F	SH	O-cyclopropyl
30	amino acid	amino acid	F	SH	O-acetyl
	amino acid	amino acid	F	SH	SH
	amino acid	amino acid	F	SH	SMe
	amino acid	amino acid	F	SH	SEt
	amino acid	amino acid	F	SH	S-cyclopropyl
35	amino acid	amino acid	F	SH	F
	amino acid	amino acid	F	SH	Cl
	amino acid	amino acid	F	SH	Br
	amino acid	amino acid	F	SH	I
	amino acid	H	F	SH	H
40	amino acid	H	F	SH	NH ₂
	amino acid	H	F	SH	NH-cyclopropyl
	amino acid	H	F	SH	NH-methyl
	amino acid	H	F	SH	NH-ethyl
	amino acid	H	F	SH	NH-acetyl
45	amino acid	H	F	SH	OH
	amino acid	H	F	SH	OMe
	amino acid	H	F	SH	OEt
	amino acid	H	F	SH	O-cyclopropyl
	amino acid	H	F	SH	O-acetyl
50	amino acid	H	F	SH	SH
	amino acid	H	F	SH	SMe
	amino acid	H	F	SH	SEt
	amino acid	H	F	SH	S-cyclopropyl
	amino acid	H	F	SH	F
55	amino acid	H	F	SH	Cl
	amino acid	H	F	SH	Br
	amino acid	H	F	SH	I
	amino acid	acyl	F	SH	H
	amino acid	acyl	F	SH	NH ₂
60	amino acid	acyl	F	SH	NH-cyclopropyl
	amino acid	acyl	F	SH	NH-methyl
	amino acid	acyl	F	SH	NH-ethyl
	amino acid	acyl	F	SH	NH-acetyl
	amino acid	acyl	F	SH	OH
65	amino acid	acyl	F	SH	OMe
	amino acid	acyl	F	SH	OEt
	amino acid	acyl	F	SH	O-cyclopropyl
	amino acid	acyl	F	SH	O-acetyl
	amino acid	acyl	F	SH	SH
	amino acid	acyl	F	SH	SMe
	amino acid	acyl	F	SH	SEt
	amino acid	acyl	F	SH	S-cyclopropyl
	amino acid	acyl	F	SH	F
	amino acid	acyl	F	SH	Cl
	amino acid	acyl	F	SH	Br
	amino acid	acyl	F	SH	I
	acyl	H	NH ₂	SH	H
	acyl	H	NH ₂	SH	NH ₂
	acyl	H	NH ₂	SH	NH-cyclopropyl
	acyl	H	NH ₂	SH	NH-methyl
	acyl	H	NH ₂	SH	NH-ethyl

TABLE 7-continued

R ²	R ³	X ¹	X ²	Y
acyl	H	NH ₂	SH	NH-acetyl
acyl	H	NH ₂	SH	OH
acyl	H	NH ₂	SH	OMe
acyl	H	NH ₂	SH	OEt
acyl	H	NH ₂	SH	O-cyclopropyl
acyl	H	NH ₂	SH	O-acetyl
acyl	H	NH ₂	SH	SH
acyl	H	NH ₂	SH	SMe
acyl	H	NH ₂	SH	SEt
acyl	H	NH ₂	SH	S-cyclopropyl
acyl	H	NH ₂	SH	F
acyl	H	NH ₂	SH	Cl
acyl	H	NH ₂	SH	Br
acyl	H	NH ₂	SH	I
acyl	acyl	NH ₂	SH	H
acyl	acyl	NH ₂	SH	NH ₂
acyl	acyl	NH ₂	SH	NH-cyclopropyl
acyl	acyl	NH ₂	SH	NH-methyl
acyl	acyl	NH ₂	SH	NH-ethyl
acyl	acyl	NH ₂	SH	NH-acetyl
acyl	acyl	NH ₂	SH	OH
acyl	acyl	NH ₂	SH	OMe
acyl	acyl	NH ₂	SH	OEt
acyl	acyl	NH ₂	SH	O-cyclopropyl
acyl	acyl	NH ₂	SH	O-acetyl
acyl	acyl	NH ₂	SH	SH
acyl	acyl	NH ₂	SH	SMe
acyl	acyl	NH ₂	SH	SEt
acyl	acyl	NH ₂	SH	S-cyclopropyl
acyl	acyl	NH ₂	SH	F
acyl	acyl	NH ₂	SH	Cl
acyl	acyl	NH ₂	SH	Br
acyl	acyl	NH ₂	SH	I
acyl	amino acid	NH ₂	SH	H
acyl	amino acid	NH ₂	SH	NH ₂
acyl	amino acid	NH ₂	SH	NH-cyclopropyl
acyl	amino acid	NH ₂	SH	NH-methyl
acyl	amino acid	NH ₂	SH	NH-ethyl
acyl	amino acid	NH ₂	SH	NH-acetyl
acyl	amino acid	NH ₂	SH	OH
acyl	amino acid	NH ₂	SH	OMe
acyl	amino acid	NH ₂	SH	OEt
acyl	amino acid	NH ₂	SH	O-cyclopropyl
acyl	amino acid	NH ₂	SH	O-acetyl
acyl	amino acid	NH ₂	SH	SH
acyl	amino acid	NH ₂	SH	SMe
acyl	amino acid	NH ₂	SH	SEt
acyl	amino acid	NH ₂	SH	S-cyclopropyl
acyl	amino acid	NH ₂	SH	F
acyl	amino acid	NH ₂	SH	Cl
acyl	amino acid	NH ₂	SH	Br
acyl	amino acid	NH ₂	SH	I
H	acyl	NH ₂	SH	H
H	acyl	NH ₂	SH	NH ₂
H	acyl	NH ₂	SH	NH-cyclopropyl
H	acyl	NH ₂	SH	NH-methyl
H	acyl	NH ₂	SH	NH-ethyl
H	acyl	NH ₂	SH	NH-acetyl
H	acyl	NH ₂	SH	OH
H	acyl	NH ₂	SH	OMe
H	acyl	NH ₂	SH	OEt
H	acyl	NH ₂	SH	O-cyclopropyl
H	acyl	NH ₂	SH	O-acetyl
H	acyl	NH ₂	SH	SH
H	acyl	NH ₂	SH	SMe
H	acyl	NH ₂	SH	SEt
H	acyl	NH ₂	SH	S-cyclopropyl
H	acyl	NH ₂	SH	F
H	acyl	NH ₂	SH	Cl
H	acyl	NH ₂	SH	Br
H	acyl	NH ₂	SH	I
H	amino acid	NH ₂	SH	H
H	amino acid	NH ₂	SH	NH ₂
H	amino acid	NH ₂	SH	NH-cyclopropyl
H	amino acid	NH ₂	SH	NH-methyl
H	amino acid	NH ₂	SH	NH-ethyl
H	amino acid	NH ₂	SH	NH-acetyl

TABLE 7-continued

	R ²	R ³	X ¹	X ²	Y
5	H	amino acid	NH ₂	SH	OH
	H	amino acid	NH ₂	SH	OMe
	H	amino acid	NH ₂	SH	OEt
	H	amino acid	NH ₂	SH	O-cyclopropyl
	H	amino acid	NH ₂	SH	O-acetyl
	H	amino acid	NH ₂	SH	SH
10	H	amino acid	NH ₂	SH	SMe
	H	amino acid	NH ₂	SH	SEt
	H	amino acid	NH ₂	SH	S-cyclopropyl
	H	amino acid	NH ₂	SH	F
	H	amino acid	NH ₂	SH	Cl
	H	amino acid	NH ₂	SH	Br
15	H	amino acid	NH ₂	SH	I
	amino acid	amino acid	NH ₂	SH	H
	amino acid	amino acid	NH ₂	SH	NH ₂
	amino acid	amino acid	NH ₂	SH	NH-cyclopropyl
	amino acid	amino acid	NH ₂	SH	NH-methyl
	amino acid	amino acid	NH ₂	SH	NH-ethyl
20	amino acid	amino acid	NH ₂	SH	NH-acetyl
	amino acid	amino acid	NH ₂	SH	OH
	amino acid	amino acid	NH ₂	SH	OMe
	amino acid	amino acid	NH ₂	SH	OEt
	amino acid	amino acid	NH ₂	SH	O-cyclopropyl
	amino acid	amino acid	NH ₂	SH	O-acetyl
	amino acid	amino acid	NH ₂	SH	SH
25	amino acid	amino acid	NH ₂	SH	SMe
	amino acid	amino acid	NH ₂	SH	SEt
	amino acid	amino acid	NH ₂	SH	S-cyclopropyl
	amino acid	amino acid	NH ₂	SH	F
	amino acid	amino acid	NH ₂	SH	Cl
	amino acid	amino acid	NH ₂	SH	Br
30	amino acid	amino acid	NH ₂	SH	I
	amino acid	H	NH ₂	SH	H
	amino acid	H	NH ₂	SH	NH ₂
	amino acid	H	NH ₂	SH	NH-cyclopropyl
	amino acid	H	NH ₂	SH	NH-methyl
	amino acid	H	NH ₂	SH	NH-ethyl
35	amino acid	H	NH ₂	SH	NH-acetyl
	amino acid	H	NH ₂	SH	OH
	amino acid	H	NH ₂	SH	OMe
	amino acid	H	NH ₂	SH	OEt
	amino acid	H	NH ₂	SH	O-cyclopropyl
	amino acid	H	NH ₂	SH	O-acetyl
40	amino acid	H	NH ₂	SH	SH
	amino acid	H	NH ₂	SH	SMe
	amino acid	H	NH ₂	SH	SEt
	amino acid	H	NH ₂	SH	S-cyclopropyl
	amino acid	H	NH ₂	SH	F
	amino acid	H	NH ₂	SH	Cl
	amino acid	H	NH ₂	SH	Br
45	amino acid	H	NH ₂	SH	I
	amino acid	acyl	NH ₂	SH	H
	amino acid	acyl	NH ₂	SH	NH ₂
	amino acid	acyl	NH ₂	SH	NH-cyclopropyl
	amino acid	acyl	NH ₂	SH	NH-methyl
	amino acid	acyl	NH ₂	SH	NH-ethyl
50	amino acid	acyl	NH ₂	SH	NH-acetyl
	amino acid	acyl	NH ₂	SH	OH
	amino acid	acyl	NH ₂	SH	OMe
	amino acid	acyl	NH ₂	SH	OEt
	amino acid	acyl	NH ₂	SH	O-cyclopropyl
	amino acid	acyl	NH ₂	SH	O-acetyl
55	amino acid	acyl	NH ₂	SH	SH
	amino acid	acyl	NH ₂	SH	SMe
	amino acid	acyl	NH ₂	SH	SEt
	amino acid	acyl	NH ₂	SH	S-cyclopropyl
	amino acid	acyl	NH ₂	SH	F
	amino acid	acyl	NH ₂	SH	Cl
	amino acid	acyl	NH ₂	SH	Br
60	amino acid	acyl	NH ₂	SH	I
	acyl	H	SH	SH	H
	acyl	H	SH	SH	NH ₂
	acyl	H	SH	SH	NH-cyclopropyl
	acyl	H	SH	SH	NH-methyl
	acyl	H	SH	SH	NH-ethyl
65	acyl	H	SH	SH	NH-acetyl
	acyl	H	SH	SH	OH

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TABLE 7-continued

R ²	R ³	X ¹	X ²	Y
acyl	H	SH	SH	OMe
acyl	H	SH	SH	OEt
acyl	H	SH	SH	O-cyclopropyl
acyl	H	SH	SH	O-acetyl
acyl	H	SH	SH	SH
acyl	H	SH	SH	SMe
acyl	H	SH	SH	SEt
acyl	H	SH	SH	S-cyclopropyl
acyl	H	SH	SH	F
acyl	H	SH	SH	Cl
acyl	H	SH	SH	Br
acyl	H	SH	SH	I
acyl	acyl	SH	SH	H
acyl	acyl	SH	SH	NH ₂
acyl	acyl	SH	SH	NH-cyclopropyl
acyl	acyl	SH	SH	NH-methyl
acyl	acyl	SH	SH	NH-ethyl
acyl	acyl	SH	SH	NH-acetyl
acyl	acyl	SH	SH	OH
acyl	acyl	SH	SH	OMe
acyl	acyl	SH	SH	OEt
acyl	acyl	SH	SH	O-cyclopropyl
acyl	acyl	SH	SH	O-acetyl
acyl	acyl	SH	SH	SH
acyl	acyl	SH	SH	SMe
acyl	acyl	SH	SH	SEt
acyl	acyl	SH	SH	S-cyclopropyl
acyl	acyl	SH	SH	F
acyl	acyl	SH	SH	Cl
acyl	acyl	SH	SH	Br
acyl	acyl	SH	SH	I
H	acyl	SH	SH	H
H	acyl	SH	SH	NH ₂
H	acyl	SH	SH	NH-cyclopropyl
H	acyl	SH	SH	NH-methyl
H	acyl	SH	SH	NH-ethyl
H	acyl	SH	SH	NH-acetyl
H	acyl	SH	SH	OH
H	acyl	SH	SH	OMe
H	acyl	SH	SH	OEt
H	acyl	SH	SH	O-cyclopropyl
H	acyl	SH	SH	O-acetyl
H	acyl	SH	SH	SH
H	acyl	SH	SH	SMe
H	acyl	SH	SH	SEt
H	acyl	SH	SH	S-cyclopropyl
H	acyl	SH	SH	F
H	acyl	SH	SH	Cl
H	acyl	SH	SH	Br
H	acyl	SH	SH	I
H	amino acid	SH	SH	H
H	amino acid	SH	SH	NH ₂
H	amino acid	SH	SH	NH-cyclopropyl
H	amino acid	SH	SH	NH-methyl
H	amino acid	SH	SH	NH-ethyl
H	amino acid	SH	SH	NH-acetyl
H	amino acid	SH	SH	OH
H	amino acid	SH	SH	OMe
H	amino acid	SH	SH	OEt
H	amino acid	SH	SH	O-cyclopropyl
H	amino acid	SH	SH	O-acetyl
H	amino acid	SH	SH	SH
H	amino acid	SH	SH	SMe
H	amino acid	SH	SH	SEt
H	amino acid	SH	SH	S-cyclopropyl
H	amino acid	SH	SH	F
H	amino acid	SH	SH	Cl
H	amino acid	SH	SH	Br
H	amino acid	SH	SH	I
H	amino acid	SH	SH	H
H	amino acid	SH	SH	NH ₂
H	amino acid	SH	SH	NH-cyclopropyl
H	amino acid	SH	SH	NH-methyl
H	amino acid	SH	SH	NH-ethyl
H	amino acid	SH	SH	NH-acetyl
H	amino acid	SH	SH	OH
H	amino acid	SH	SH	OMe

TABLE 7-continued

	R ²	R ³	X ¹	X ²	Y
5	H	amino acid	SH	SH	OEt
	H	amino acid	SH	SH	O-cyclopropyl
	H	amino acid	SH	SH	O-acetyl
	H	amino acid	SH	SH	SH
	H	amino acid	SH	SH	SMe
	H	amino acid	SH	SH	SEt
10	H	amino acid	SH	SH	S-cyclopropyl
	H	amino acid	SH	SH	F
	H	amino acid	SH	SH	Cl
	H	amino acid	SH	SH	Br
	H	amino acid	SH	SH	I
	amino acid	amino acid	SH	SH	H
15	amino acid	amino acid	SH	SH	NH ₂
	amino acid	amino acid	SH	SH	NH-cyclopropyl
	amino acid	amino acid	SH	SH	NH-methyl
	amino acid	amino acid	SH	SH	NH-ethyl
	amino acid	amino acid	SH	SH	NH-acetyl
	amino acid	amino acid	SH	SH	OH
20	amino acid	amino acid	SH	SH	OMe
	amino acid	amino acid	SH	SH	OEt
	amino acid	amino acid	SH	SH	O-cyclopropyl
	amino acid	amino acid	SH	SH	O-acetyl
	amino acid	amino acid	SH	SH	SH
	amino acid	amino acid	SH	SH	SMe
	amino acid	amino acid	SH	SH	SEt
25	amino acid	amino acid	SH	SH	S-cyclopropyl
	amino acid	amino acid	SH	SH	F
	amino acid	amino acid	SH	SH	Cl
	amino acid	amino acid	SH	SH	Br
	amino acid	amino acid	SH	SH	I
	amino acid	H	SH	SH	H
30	amino acid	H	SH	SH	NH ₂
	amino acid	H	SH	SH	NH-cyclopropyl
	amino acid	H	SH	SH	NH-methyl
	amino acid	H	SH	SH	NH-ethyl
	amino acid	H	SH	SH	NH-acetyl
	amino acid	H	SH	SH	OH
35	amino acid	H	SH	SH	OMe
	amino acid	H	SH	SH	OEt
	amino acid	H	SH	SH	O-cyclopropyl
	amino acid	H	SH	SH	O-acetyl
	amino acid	H	SH	SH	SH
	amino acid	H	SH	SH	SMe
	amino acid	H	SH	SH	SEt
40	amino acid	H	SH	SH	S-cyclopropyl
	amino acid	H	SH	SH	F
	amino acid	H	SH	SH	Cl
	amino acid	H	SH	SH	Br
	amino acid	H	SH	SH	I
	amino acid	acyl	SH	SH	H
45	amino acid	acyl	SH	SH	NH ₂
	amino acid	acyl	SH	SH	NH-cyclopropyl
	amino acid	acyl	SH	SH	NH-methyl
	amino acid	acyl	SH	SH	NH-ethyl
	amino acid	acyl	SH	SH	NH-acetyl
	amino acid	acyl	SH	SH	OH
50	amino acid	acyl	SH	SH	OMe
	amino acid	acyl	SH	SH	OEt
	amino acid	acyl	SH	SH	O-cyclopropyl
	amino acid	acyl	SH	SH	O-acetyl
	amino acid	acyl	SH	SH	SH
	amino acid	acyl	SH	SH	SMe
55	amino acid	acyl	SH	SH	SEt
	amino acid	acyl	SH	SH	S-cyclopropyl
	amino acid	acyl	SH	SH	F
	amino acid	acyl	SH	SH	Cl
	amino acid	acyl	SH	SH	Br
	amino acid	acyl	SH	SH	I
60	acyl	H	OH	SH	H
	acyl	H	OH	SH	NH ₂
	acyl	H	OH	SH	NH-cyclopropyl
	acyl	H	OH	SH	NH-methyl
	acyl	H	OH	SH	NH-ethyl
	acyl	H	OH	SH	NH-acetyl
	acyl	H	OH	SH	OH
65	acyl	H	OH	SH	OMe
	acyl	H	OH	SH	OEt

TABLE 7-continued

R ²	R ³	X ¹	X ²	Y
acyl	H	OH	SH	O-cyclopropyl
acyl	H	OH	SH	O-acetyl
acyl	H	OH	SH	SH
acyl	H	OH	SH	SMe
acyl	H	OH	SH	SEt
acyl	H	OH	SH	S-cyclopropyl
acyl	H	OH	SH	F
acyl	H	OH	SH	Cl
acyl	H	OH	SH	Br
acyl	H	OH	SH	I
acyl	acyl	OH	SH	H
acyl	acyl	OH	SH	NH ₂
acyl	acyl	OH	SH	NH-cyclopropyl
acyl	acyl	OH	SH	NH-methyl
acyl	acyl	OH	SH	NH-ethyl
acyl	acyl	OH	SH	NH-acetyl
acyl	acyl	OH	SH	OH
acyl	acyl	OH	SH	OMe
acyl	acyl	OH	SH	OEt
acyl	acyl	OH	SH	O-cyclopropyl
acyl	acyl	OH	SH	O-acetyl
acyl	acyl	OH	SH	SH
acyl	acyl	OH	SH	SMe
acyl	acyl	OH	SH	SEt
acyl	acyl	OH	SH	S-cyclopropyl
acyl	acyl	OH	SH	F
acyl	acyl	OH	SH	Cl
acyl	acyl	OH	SH	Br
acyl	acyl	OH	SH	I
acyl	amino acid	OH	SH	H
acyl	amino acid	OH	SH	NH ₂
acyl	amino acid	OH	SH	NH-cyclopropyl
acyl	amino acid	OH	SH	NH-methyl
acyl	amino acid	OH	SH	NH-ethyl
acyl	amino acid	OH	SH	NH-acetyl
acyl	amino acid	OH	SH	OH
acyl	amino acid	OH	SH	OMe
acyl	amino acid	OH	SH	OEt
acyl	amino acid	OH	SH	O-cyclopropyl
acyl	amino acid	OH	SH	O-acetyl
acyl	amino acid	OH	SH	SH
acyl	amino acid	OH	SH	SMe
acyl	amino acid	OH	SH	SEt
acyl	amino acid	OH	SH	S-cyclopropyl
acyl	amino acid	OH	SH	F
acyl	amino acid	OH	SH	Cl
acyl	amino acid	OH	SH	Br
acyl	amino acid	OH	SH	I
H	acyl	OH	SH	H
H	acyl	OH	SH	NH ₂
H	acyl	OH	SH	NH-cyclopropyl
H	acyl	OH	SH	NH-methyl
H	acyl	OH	SH	NH-ethyl
H	acyl	OH	SH	NH-acetyl
H	acyl	OH	SH	OH
H	acyl	OH	SH	OMe
H	acyl	OH	SH	OEt
H	acyl	OH	SH	O-cyclopropyl
H	acyl	OH	SH	O-acetyl
H	acyl	OH	SH	SH
H	acyl	OH	SH	SMe
H	acyl	OH	SH	SEt
H	acyl	OH	SH	S-cyclopropyl
H	acyl	OH	SH	F
H	acyl	OH	SH	Cl
H	acyl	OH	SH	I
H	amino acid	OH	SH	H
H	amino acid	OH	SH	NH ₂
H	amino acid	OH	SH	NH-cyclopropyl
H	amino acid	OH	SH	NH-methyl
H	amino acid	OH	SH	NH-ethyl
H	amino acid	OH	SH	NH-acetyl
H	amino acid	OH	SH	OH
H	amino acid	OH	SH	OMe
H	amino acid	OH	SH	OEt
H	amino acid	OH	SH	O-cyclopropyl
H	amino acid	OH	SH	O-acetyl
H	amino acid	OH	SH	SH

TABLE 7-continued

	R ²	R ³	X ¹	X ²	Y
5	H	amino acid	OH	SH	SMe
	H	amino acid	OH	SH	SEt
	H	amino acid	OH	SH	S-cyclopropyl
	H	amino acid	OH	SH	F
	H	amino acid	OH	SH	Cl
	H	amino acid	OH	SH	Br
10	H	amino acid	OH	SH	I
	amino acid	amino acid	OH	SH	H
	amino acid	amino acid	OH	SH	NH ₂
	amino acid	amino acid	OH	SH	NH-cyclopropyl
	amino acid	amino acid	OH	SH	NH-methyl
	amino acid	amino acid	OH	SH	NH-ethyl
15	amino acid	amino acid	OH	SH	NH-acetyl
	amino acid	amino acid	OH	SH	OH
	amino acid	amino acid	OH	SH	OMe
	amino acid	amino acid	OH	SH	OEt
	amino acid	amino acid	OH	SH	O-cyclopropyl
	amino acid	amino acid	OH	SH	O-acetyl
20	amino acid	amino acid	OH	SH	SH
	amino acid	amino acid	OH	SH	SMe
	amino acid	amino acid	OH	SH	SEt
	amino acid	amino acid	OH	SH	S-cyclopropyl
	amino acid	amino acid	OH	SH	F
	amino acid	amino acid	OH	SH	Cl
	amino acid	amino acid	OH	SH	Br
25	amino acid	amino acid	OH	SH	I
	amino acid	H	OH	SH	H
	amino acid	H	OH	SH	NH ₂
	amino acid	H	OH	SH	NH-cyclopropyl
	amino acid	H	OH	SH	NH-methyl
	amino acid	H	OH	SH	NH-ethyl
30	amino acid	H	OH	SH	NH-acetyl
	amino acid	H	OH	SH	OH
	amino acid	H	OH	SH	OMe
	amino acid	H	OH	SH	OEt
	amino acid	H	OH	SH	O-cyclopropyl
	amino acid	H	OH	SH	O-acetyl
35	amino acid	H	OH	SH	SH
	amino acid	H	OH	SH	SMe
	amino acid	H	OH	SH	SEt
	amino acid	H	OH	SH	S-cyclopropyl
	amino acid	H	OH	SH	F
	amino acid	H	OH	SH	Cl
	amino acid	H	OH	SH	Br
40	amino acid	H	OH	SH	I
	amino acid	acyl	OH	SH	H
	amino acid	acyl	OH	SH	NH ₂
	amino acid	acyl	OH	SH	NH-cyclopropyl
	amino acid	acyl	OH	SH	NH-methyl
	amino acid	acyl	OH	SH	NH-ethyl
45	amino acid	acyl	OH	SH	NH-acetyl
	amino acid	acyl	OH	SH	OH
	amino acid	acyl	OH	SH	OMe
	amino acid	acyl	OH	SH	OEt
	amino acid	acyl	OH	SH	O-cyclopropyl
	amino acid	acyl	OH	SH	O-acetyl
50	amino acid	acyl	OH	SH	SH
	amino acid	acyl	OH	SH	SMe
	amino acid	acyl	OH	SH	SEt
	amino acid	acyl	OH	SH	S-cyclopropyl
	amino acid	acyl	OH	SH	F
	amino acid	acyl	OH	SH	Cl
55	amino acid	acyl	OH	SH	Br
	amino acid	acyl	OH	SH	I
	acyl	H	CH ₃	OH	H
	acyl	H	CH ₃	OH	NH ₂
	acyl	H	CH ₃	OH	NH-cyclopropyl
	acyl	H	CH ₃	OH	NH-methyl
60	acyl	H	CH ₃	OH	NH-ethyl
	acyl	H	CH ₃	OH	NH-acetyl
	acyl	H	CH ₃	OH	OH
	acyl	H	CH ₃	OH	OMe
	acyl	H	CH ₃	OH	OEt
	acyl	H	CH ₃	OH	O-cyclopropyl
	acyl	H	CH ₃	OH	O-acetyl
65	acyl	H	CH ₃	OH	SH
	acyl	H	CH ₃	OH	SMe

TABLE 7-continued

R ²	R ³	X ¹	X ²	Y
acyl	H	CH ₃	OH	SEt
acyl	H	CH ₃	OH	S-cyclopropyl
acyl	H	CH ₃	OH	F
acyl	H	CH ₃	OH	Cl
acyl	H	CH ₃	OH	Br
acyl	H	CH ₃	OH	I
acyl	acyl	CH ₃	OH	H
acyl	acyl	CH ₃	OH	NH ₂
acyl	acyl	CH ₃	OH	NH-cyclopropyl
acyl	acyl	CH ₃	OH	NH-methyl
acyl	acyl	CH ₃	OH	NH-ethyl
acyl	acyl	CH ₃	OH	NH-acetyl
acyl	acyl	CH ₃	OH	OH
acyl	acyl	CH ₃	OH	OMe
acyl	acyl	CH ₃	OH	OEt
acyl	acyl	CH ₃	OH	O-cyclopropyl
acyl	acyl	CH ₃	OH	O-acetyl
acyl	acyl	CH ₃	OH	SH
acyl	acyl	CH ₃	OH	SMe
acyl	acyl	CH ₃	OH	SEt
acyl	acyl	CH ₃	OH	S-cyclopropyl
acyl	acyl	CH ₃	OH	F
acyl	acyl	CH ₃	OH	Cl
acyl	acyl	CH ₃	OH	Br
acyl	acyl	CH ₃	OH	I
acyl	amino acid	CH ₃	OH	H
acyl	amino acid	CH ₃	OH	NH ₂
acyl	amino acid	CH ₃	OH	NH-cyclopropyl
acyl	amino acid	CH ₃	OH	NH-methyl
acyl	amino acid	CH ₃	OH	NH-ethyl
acyl	amino acid	CH ₃	OH	NH-acetyl
acyl	amino acid	CH ₃	OH	OH
acyl	amino acid	CH ₃	OH	OMe
acyl	amino acid	CH ₃	OH	OEt
acyl	amino acid	CH ₃	OH	O-cyclopropyl
acyl	amino acid	CH ₃	OH	O-acetyl
acyl	amino acid	CH ₃	OH	SH
acyl	amino acid	CH ₃	OH	SMe
acyl	amino acid	CH ₃	OH	SEt
acyl	amino acid	CH ₃	OH	S-cyclopropyl
acyl	amino acid	CH ₃	OH	F
acyl	amino acid	CH ₃	OH	Cl
acyl	amino acid	CH ₃	OH	Br
acyl	amino acid	CH ₃	OH	I
H	acyl	CH ₃	OH	H
H	acyl	CH ₃	OH	NH ₂
H	acyl	CH ₃	OH	NH-cyclopropyl
H	acyl	CH ₃	OH	NH-methyl
H	acyl	CH ₃	OH	NH-ethyl
H	acyl	CH ₃	OH	NH-acetyl
H	acyl	CH ₃	OH	OH
H	acyl	CH ₃	OH	OMe
H	acyl	CH ₃	OH	OEt
H	acyl	CH ₃	OH	O-cyclopropyl
H	acyl	CH ₃	OH	O-acetyl
H	acyl	CH ₃	OH	SH
H	acyl	CH ₃	OH	SMe
H	acyl	CH ₃	OH	SEt
H	acyl	CH ₃	OH	S-cyclopropyl
H	acyl	CH ₃	OH	F
H	acyl	CH ₃	OH	Cl
H	acyl	CH ₃	OH	Br
H	acyl	CH ₃	OH	I
amino acid	H	CH ₃	OH	O-cyclopropyl
amino acid	H	CH ₃	OH	O-acetyl
amino acid	H	CH ₃	OH	SH
amino acid	H	CH ₃	OH	SMe
amino acid	H	CH ₃	OH	SEt
amino acid	H	CH ₃	OH	S-cyclopropyl
amino acid	H	CH ₃	OH	F
amino acid	H	CH ₃	OH	Cl
amino acid	H	CH ₃	OH	Br
amino acid	H	CH ₃	OH	I
amino acid	acyl	CH ₃	OH	H
amino acid	acyl	CH ₃	OH	NH ₂
amino acid	acyl	CH ₃	OH	NH-cyclopropyl
amino acid	acyl	CH ₃	OH	NH-methyl
amino acid	acyl	CH ₃	OH	NH-ethyl
amino acid	acyl	CH ₃	OH	NH-acetyl
amino acid	acyl	CH ₃	OH	OH
amino acid	acyl	CH ₃	OH	OMe
amino acid	acyl	CH ₃	OH	OEt
amino acid	acyl	CH ₃	OH	O-cyclopropyl
amino acid	acyl	CH ₃	OH	O-acetyl
amino acid	acyl	CH ₃	OH	SH
amino acid	acyl	CH ₃	OH	SMe
amino acid	acyl	CH ₃	OH	SEt
amino acid	acyl	CH ₃	OH	S-cyclopropyl
amino acid	acyl	CH ₃	OH	F
amino acid	acyl	CH ₃	OH	Cl
amino acid	acyl	CH ₃	OH	Br
amino acid	acyl	CH ₃	OH	I

TABLE 7-continued

R ²		R ³	X ¹	X ²	Y
5	amino acid	acyl	CH ₃	OH	NH-ethyl
	amino acid	acyl	CH ₃	OH	NH-acetyl
	amino acid	acyl	CH ₃	OH	OH
	amino acid	acyl	CH ₃	OH	OMe
	amino acid	acyl	CH ₃	OH	OEt
	amino acid	acyl	CH ₃	OH	O-cyclopropyl
10	amino acid	acyl	CH ₃	OH	O-acetyl
	amino acid	acyl	CH ₃	OH	SH
	amino acid	acyl	CH ₃	OH	SMe
	amino acid	acyl	CH ₃	OH	SEt
	amino acid	acyl	CH ₃	OH	S-cyclopropyl
	amino acid	acyl	CH ₃	OH	F
15	amino acid	acyl	CH ₃	OH	Cl
	amino acid	acyl	CH ₃	OH	Br
	amino acid	acyl	CH ₃	OH	I
	acyl	H	CF ₃	OH	H
	acyl	H	CF ₃	OH	NH ₂
	acyl	H	CF ₃	OH	NH-cyclopropyl
20	acyl	H	CF ₃	OH	NH-methyl
	acyl	H	CF ₃	OH	NH-ethyl
	acyl	H	CF ₃	OH	NH-acetyl
	acyl	H	CF ₃	OH	OH
	acyl	H	CF ₃	OH	OMe
	acyl	H	CF ₃	OH	OEt
25	acyl	H	CF ₃	OH	O-cyclopropyl
	acyl	H	CF ₃	OH	O-acetyl
	acyl	H	CF ₃	OH	SH
	acyl	H	CF ₃	OH	SMe
	acyl	H	CF ₃	OH	SEt
	acyl	H	CF ₃	OH	S-cyclopropyl
30	acyl	H	CF ₃	OH	F
	acyl	H	CF ₃	OH	Cl
	acyl	H	CF ₃	OH	Br
	H	amino acid	CH ₃	OH	H
	H	amino acid	CH ₃	OH	NH ₂
	H	amino acid	CH ₃	OH	NH-cyclopropyl
35	H	amino acid	CH ₃	OH	NH-methyl
	H	amino acid	CH ₃	OH	NH-ethyl
	H	amino acid	CH ₃	OH	NH-acetyl
	H	amino acid	CH ₃	OH	OH
	H	amino acid	CH ₃	OH	OMe
	H	amino acid	CH ₃	OH	OEt
40	H	amino acid	CH ₃	OH	O-cyclopropyl
	H	amino acid	CH ₃	OH	O-acetyl
	H	amino acid	CH ₃	OH	SH
	H	amino acid	CH ₃	OH	SMe
	H	amino acid	CH ₃	OH	SEt
	H	amino acid	CH ₃	OH	S-cyclopropyl
45	H	amino acid	CH ₃	OH	F
	H	amino acid	CH ₃	OH	Cl
	H	amino acid	CH ₃	OH	Br
	H	amino acid	CH ₃	OH	I
	amino acid	amino acid	CH ₃	OH	H
	amino acid	amino acid	CH ₃	OH	NH ₂
50	amino acid	amino acid	CH ₃	OH	NH-cyclopropyl
	amino acid	amino acid	CH ₃	OH	NH-methyl
	amino acid	amino acid	CH ₃	OH	NH-ethyl
	amino acid	amino acid	CH ₃	OH	NH-acetyl
	amino acid	amino acid	CH ₃	OH	OH
	amino acid	amino acid	CH ₃	OH	OMe
55	amino acid	amino acid	CH ₃	OH	OEt
	amino acid	amino acid	CH ₃	OH	O-cyclopropyl
	amino acid	amino acid	CH ₃	OH	O-acetyl
	amino acid	amino acid	CH ₃	OH	SH
	amino acid	amino acid	CH ₃	OH	SMe
	amino acid	amino acid	CH ₃	OH	SEt
60	amino acid	amino acid	CH ₃	OH	S-cyclopropyl
	amino acid	amino acid	CH ₃	OH	F
	amino acid	amino acid	CH ₃	OH	Cl
	amino acid	amino acid	CH ₃	OH	Br
	amino acid	amino acid	CH ₃	OH	I
	amino acid	H	CH ₃	OH	H
65	amino acid	H	CH ₃	OH	NH ₂
	amino acid	H	CH ₃	OH	NH-cyclopropyl
	amino acid	H	CH ₃	OH	NH-methyl
	amino acid	H	CH ₃	OH	NH-ethyl
	amino acid	H	CH ₃	OH	NH-acetyl

TABLE 7-continued

R ²	R ³	X ¹	X ²	Y
amino acid	H	CH ₃	OH	OH
amino acid	H	CH ₃	OH	OMe
amino acid	H	CH ₃	OH	OEt
acyl	H	CF ₃	OH	I
acyl	acyl	CF ₃	OH	H
acyl	acyl	CF ₃	OH	NH ₂
acyl	acyl	CF ₃	OH	NH-cyclopropyl
acyl	acyl	CF ₃	OH	NH-methyl
acyl	acyl	CF ₃	OH	NH-ethyl
acyl	acyl	CF ₃	OH	NH-acetyl
acyl	acyl	CF ₃	OH	OH
acyl	acyl	CF ₃	OH	OMe
acyl	acyl	CF ₃	OH	OEt
acyl	acyl	CF ₃	OH	O-cyclopropyl
acyl	acyl	CF ₃	OH	O-acetyl
acyl	acyl	CF ₃	OH	SH
acyl	acyl	CF ₃	OH	SMe
acyl	acyl	CF ₃	OH	SEt
acyl	acyl	CF ₃	OH	S-cyclopropyl
acyl	acyl	CF ₃	OH	F
acyl	acyl	CF ₃	OH	Cl
acyl	acyl	CF ₃	OH	Br
acyl	acyl	CF ₃	OH	I
acyl	amino acid	CF ₃	OH	H
acyl	amino acid	CF ₃	OH	NH ₂
acyl	amino acid	CF ₃	OH	NH-cyclopropyl
acyl	amino acid	CF ₃	OH	NH-methyl
acyl	amino acid	CF ₃	OH	NH-ethyl
acyl	amino acid	CF ₃	OH	NH-acetyl
acyl	amino acid	CF ₃	OH	OH
acyl	amino acid	CF ₃	OH	OMe
acyl	amino acid	CF ₃	OH	OEt
acyl	amino acid	CF ₃	OH	O-cyclopropyl
acyl	amino acid	CF ₃	OH	O-acetyl
acyl	amino acid	CF ₃	OH	SH
acyl	amino acid	CF ₃	OH	SMe
acyl	amino acid	CF ₃	OH	SEt
acyl	amino acid	CF ₃	OH	S-cyclopropyl
acyl	amino acid	CF ₃	OH	F
acyl	amino acid	CF ₃	OH	Cl
acyl	amino acid	CF ₃	OH	Br
acyl	amino acid	CF ₃	OH	I
H	acyl	CF ₃	OH	H
H	acyl	CF ₃	OH	NH ₂
H	acyl	CF ₃	OH	NH-cyclopropyl
H	acyl	CF ₃	OH	NH-methyl
H	acyl	CF ₃	OH	NH-ethyl
H	acyl	CF ₃	OH	NH-acetyl
H	acyl	CF ₃	OH	OH
H	acyl	CF ₃	OH	OMe
H	acyl	CF ₃	OH	OEt
H	acyl	CF ₃	OH	O-cyclopropyl
H	acyl	CF ₃	OH	O-acetyl
H	acyl	CF ₃	OH	SH
H	acyl	CF ₃	OH	SMe
H	acyl	CF ₃	OH	SEt
H	acyl	CF ₃	OH	S-cyclopropyl
H	acyl	CF ₃	OH	F
H	acyl	CF ₃	OH	Cl
H	acyl	CF ₃	OH	Br
H	acyl	CF ₃	OH	I
H	amino acid	CF ₃	OH	H
H	amino acid	CF ₃	OH	NH ₂
H	amino acid	CF ₃	OH	NH-cyclopropyl
H	amino acid	CF ₃	OH	NH-methyl
H	amino acid	CF ₃	OH	NH-ethyl
H	amino acid	CF ₃	OH	NH-acetyl
H	amino acid	CF ₃	OH	OH
H	amino acid	CF ₃	OH	OMe
H	amino acid	CF ₃	OH	OEt
H	amino acid	CF ₃	OH	O-cyclopropyl
H	amino acid	CF ₃	OH	O-acetyl
H	amino acid	CF ₃	OH	SH
H	amino acid	CF ₃	OH	SMe
H	amino acid	CF ₃	OH	SEt
H	amino acid	CF ₃	OH	S-cyclopropyl
H	amino acid	CF ₃	OH	F

TABLE 7-continued

	R ²	R ³	X ¹	X ²	Y
5	H	amino acid	CF ₃	OH	Cl
	H	amino acid	CF ₃	OH	Br
	H	amino acid	CF ₃	OH	I
	amino acid	amino acid	CF ₃	OH	H
	amino acid	amino acid	CF ₃	OH	NH ₂
	amino acid	amino acid	CF ₃	OH	NH-cyclopropyl
10	amino acid	amino acid	CF ₃	OH	NH-methyl
	amino acid	amino acid	CF ₃	OH	NH-ethyl
	amino acid	amino acid	CF ₃	OH	NH-acetyl
	amino acid	amino acid	CF ₃	OH	OH
	amino acid	amino acid	CF ₃	OH	OMe
	amino acid	amino acid	CF ₃	OH	SEt
15	amino acid	amino acid	CF ₃	OH	O-cyclopropyl
	amino acid	amino acid	CF ₃	OH	O-acetyl
	amino acid	amino acid	CF ₃	OH	SH
	amino acid	amino acid	CF ₃	OH	SMe
	amino acid	amino acid	CF ₃	OH	SEt
	amino acid	amino acid	CF ₃	OH	S-cyclopropyl
20	amino acid	amino acid	CF ₃	OH	F
	amino acid	amino acid	CF ₃	OH	Cl
	amino acid	amino acid	CF ₃	OH	Br
	amino acid	amino acid	CF ₃	OH	I
	amino acid	H	CF ₃	OH	H
	amino acid	H	CF ₃	OH	NH ₂
25	amino acid	H	CF ₃	OH	NH-cyclopropyl
	amino acid	H	CF ₃	OH	NH-methyl
	amino acid	H	CF ₃	OH	NH-ethyl
	amino acid	H	CF ₃	OH	NH-acetyl
	amino acid	H	CF ₃	OH	OH
	amino acid	H	CF ₃	OH	OMe
	amino acid	H	CF ₃	OH	SEt
30	amino acid	H	CF ₃	OH	O-cyclopropyl
	amino acid	H	CF ₃	OH	O-acetyl
	amino acid	H	CF ₃	OH	SH
	amino acid	H	CF ₃	OH	SMe
	amino acid	H	CF ₃	OH	SEt
	amino acid	H	CF ₃	OH	S-cyclopropyl
35	amino acid	H	CF ₃	OH	F
	amino acid	H	CF ₃	OH	Cl
	amino acid	H	CF ₃	OH	Br
	amino acid	H	CF ₃	OH	I
	amino acid	acyl	CF ₃	OH	H
	amino acid	acyl	CF ₃	OH	NH ₂
40	amino acid	acyl	CF ₃	OH	NH-cyclopropyl
	amino acid	acyl	CF ₃	OH	NH-methyl
	amino acid	acyl	CF ₃	OH	NH-ethyl
	amino acid	acyl	CF ₃	OH	NH-acetyl
	amino acid	acyl	CF ₃	OH	OH
	amino acid	acyl	CF ₃	OH	OMe
	amino acid	acyl	CF ₃	OH	SEt
45	amino acid	acyl	CF ₃	OH	O-cyclopropyl
	amino acid	acyl	CF ₃	OH	O-acetyl
	amino acid	acyl	CF ₃	OH	SH
	amino acid	acyl	CF ₃	OH	SMe
	amino acid	acyl	CF ₃	OH	SEt
	amino acid	acyl	CF ₃	OH	S-cyclopropyl
50	amino acid	acyl	CF ₃	OH	F
	amino acid	acyl	CF ₃	OH	Cl
	amino acid	acyl	CF ₃	OH	Br
	amino acid	acyl	CF ₃	OH	I
	acyl	H	Br	OH	H
	acyl	H	Br	OH	NH ₂
55	acyl	H	Br	OH	NH-cyclopropyl
	acyl	H	Br	OH	NH-methyl
	acyl	H	Br	OH	NH-ethyl
	acyl	H	Br	OH	NH-acetyl
	acyl	H	Br	OH	OH
	acyl	H	Br	OH	OMe
	acyl	H	Br	OH	SEt
60	acyl	H	Br	OH	O-cyclopropyl
	acyl	H	Br	OH	O-acetyl
	acyl	H	Br	OH	SH
	acyl	H	Br	OH	SMe
	acyl	H	Br	OH	SEt
	acyl	H	Br	OH	S-cyclopropyl
65	acyl	H	Br	OH	F
	acyl	H	Br	OH	Cl

TABLE 7-continued

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TABLE 7-continued

R ²	R ³	X ¹	X ²	Y
acyl	acyl	Cl	OH	H
acyl	acyl	Cl	OH	NH ₂
acyl	acyl	Cl	OH	NH-cyclopropyl
acyl	acyl	Cl	OH	NH-methyl
acyl	acyl	Cl	OH	NH-ethyl
acyl	acyl	Cl	OH	NH-acetyl
acyl	acyl	Cl	OH	OH
acyl	acyl	Cl	OH	OMe
acyl	acyl	Cl	OH	OEt
acyl	acyl	Cl	OH	O-cyclopropyl
acyl	acyl	Cl	OH	O-acetyl
acyl	acyl	Cl	OH	SH
acyl	acyl	Cl	OH	SMe
acyl	acyl	Cl	OH	SEt
acyl	acyl	Cl	OH	S-cyclopropyl
acyl	acyl	Cl	OH	F
acyl	acyl	Cl	OH	Cl
acyl	acyl	Cl	OH	Br
acyl	acyl	Cl	OH	I
acyl	amino acid	Cl	OH	H
acyl	amino acid	Cl	OH	NH ₂
acyl	amino acid	Cl	OH	NH-cyclopropyl
acyl	amino acid	Cl	OH	NH-methyl
acyl	amino acid	Cl	OH	NH-ethyl
acyl	amino acid	Cl	OH	NH-acetyl
acyl	amino acid	Cl	OH	OH
acyl	amino acid	Cl	OH	OMe
acyl	amino acid	Cl	OH	OEt
acyl	amino acid	Cl	OH	O-cyclopropyl
acyl	amino acid	Cl	OH	O-acetyl
acyl	amino acid	Cl	OH	SH
acyl	amino acid	Cl	OH	SMe
acyl	amino acid	Cl	OH	SEt
acyl	amino acid	Cl	OH	S-cyclopropyl
acyl	amino acid	Cl	OH	F
acyl	amino acid	Cl	OH	Cl
acyl	amino acid	Cl	OH	Br
acyl	amino acid	Cl	OH	I
H	acyl	Cl	OH	H
H	acyl	Cl	OH	NH ₂
H	acyl	Cl	OH	NH-cyclopropyl
H	acyl	Cl	OH	NH-methyl
H	acyl	Cl	OH	NH-ethyl
H	acyl	Cl	OH	NH-acetyl
H	acyl	Cl	OH	OH
H	acyl	Cl	OH	OMe
H	acyl	Cl	OH	OEt
H	acyl	Cl	OH	O-cyclopropyl
H	acyl	Cl	OH	O-acetyl
H	acyl	Cl	OH	SH
H	acyl	Cl	OH	SMe
H	acyl	Cl	OH	SEt
H	acyl	Cl	OH	S-cyclopropyl
H	acyl	Cl	OH	F
H	acyl	Cl	OH	Cl
H	acyl	Cl	OH	Br
H	acyl	Cl	OH	I
H	amino acid	Cl	OH	H
H	amino acid	Cl	OH	NH ₂
H	amino acid	Cl	OH	NH-cyclopropyl
H	amino acid	Cl	OH	NH-methyl
H	amino acid	Cl	OH	NH-ethyl
H	amino acid	Cl	OH	NH-acetyl
H	amino acid	Cl	OH	OH
H	amino acid	Cl	OH	OMe
H	amino acid	Cl	OH	OEt
H	amino acid	Cl	OH	O-cyclopropyl
H	amino acid	Cl	OH	O-acetyl
H	amino acid	Cl	OH	SH
H	amino acid	Cl	OH	SMe
H	amino acid	Cl	OH	SEt
H	amino acid	Cl	OH	S-cyclopropyl
H	amino acid	Cl	OH	F
H	amino acid	Cl	OH	Cl
H	amino acid	Cl	OH	Br
H	amino acid	Cl	OH	I
amino acid	amino acid	Cl	OH	H

TABLE 7-continued

R ²	R ³	X ¹	X ²	Y	
5	amino acid	amino acid	Cl	OH	NH ₂
	amino acid	amino acid	Cl	OH	NH-cyclopropyl
	amino acid	amino acid	Cl	OH	NH-methyl
	amino acid	amino acid	Cl	OH	NH-ethyl
	amino acid	amino acid	Cl	OH	NH-acetyl
10	amino acid	amino acid	Cl	OH	OH
	amino acid	amino acid	Cl	OH	OMe
	amino acid	amino acid	Cl	OH	OEt
	amino acid	amino acid	Cl	OH	O-cyclopropyl
	amino acid	amino acid	Cl	OH	O-acetyl
15	amino acid	amino acid	Cl	OH	SH
	amino acid	amino acid	Cl	OH	SMe
	amino acid	amino acid	Cl	OH	SEt
	amino acid	amino acid	Cl	OH	S-cyclopropyl
	amino acid	amino acid	Cl	OH	F
20	amino acid	amino acid	Cl	OH	Cl
	amino acid	amino acid	Cl	OH	Br
	amino acid	amino acid	Cl	OH	I
	amino acid	H	Cl	OH	H
	amino acid	H	Cl	OH	NH ₂
25	amino acid	H	Cl	OH	NH-cyclopropyl
	amino acid	H	Cl	OH	NH-methyl
	amino acid	H	Cl	OH	NH-ethyl
	amino acid	H	Cl	OH	NH-acetyl
	amino acid	H	Cl	OH	OH
30	amino acid	H	Cl	OH	OMe
	amino acid	H	Cl	OH	OEt
	amino acid	H	Cl	OH	O-cyclopropyl
	amino acid	H	Cl	OH	O-acetyl
	amino acid	H	Cl	OH	SH
35	amino acid	H	Cl	OH	SMe
	amino acid	H	Cl	OH	SEt
	amino acid	H	Cl	OH	S-cyclopropyl
	amino acid	H	Cl	OH	F
	amino acid	H	Cl	OH	Cl
40	amino acid	H	Cl	OH	Br
	amino acid	H	Cl	OH	I
	amino acid	acyl	Cl	OH	H
	amino acid	acyl	Cl	OH	NH ₂
	amino acid	acyl	Cl	OH	NH-cyclopropyl
45	amino acid	acyl	Cl	OH	NH-methyl
	amino acid	acyl	Cl	OH	NH-ethyl
	amino acid	acyl	Cl	OH	NH-acetyl
	amino acid	acyl	Cl	OH	OH
	amino acid	acyl	Cl	OH	OMe
50	amino acid	acyl	Cl	OH	OEt
	amino acid	acyl	Cl	OH	O-cyclopropyl
	amino acid	acyl	Cl	OH	O-acetyl
	amino acid	acyl	Cl	OH	SH
	amino acid	acyl	Cl	OH	SMe
55	amino acid	acyl	Cl	OH	SEt
	amino acid	acyl	Cl	OH	S-cyclopropyl
	amino acid	acyl	Cl	OH	F
	amino acid	acyl	Cl	OH	Cl
	amino acid	acyl	Cl	OH	Br
60	acyl	acyl	Cl	OH	I
	acyl	H	F	OH	H
	acyl	H	F	OH	NH ₂
	acyl	H	F	OH	NH-cyclopropyl
	acyl	H	F	OH	NH-methyl
65	acyl	H	F	OH	NH-ethyl
	acyl	H	F	OH	NH-acetyl
	acyl	H	F	OH	OH
	acyl	H	F	OH	OMe
	acyl	H	F	OH	OEt
70	acyl	H	F	OH	O-cyclopropyl
	acyl	H	F	OH	O-acetyl
	acyl	H	F	OH	SH
	acyl	H	F	OH	SMe
	acyl	H	F	OH	SEt
75	acyl	H	F	OH	S-cyclopropyl
	acyl	H	F	OH	F
	acyl	H	F	OH	Cl
	acyl	H	F	OH	Br
	acyl	H	F	OH	I
80	acyl	acyl	F	OH	H
	acyl	acyl	F	OH	NH ₂

TABLE 7-continued

R ²	R ³	X ¹	X ²	Y
acyl	acyl	F	OH	NH-cyclopropyl
acyl	acyl	F	OH	NH-methyl
acyl	acyl	F	OH	NH-ethyl
acyl	acyl	F	OH	NH-acetyl
acyl	acyl	F	OH	OH
acyl	acyl	F	OH	OMe
acyl	acyl	F	OH	OEt
acyl	acyl	F	OH	O-cyclopropyl
acyl	acyl	F	OH	O-acetyl
acyl	acyl	F	OH	SH
acyl	acyl	F	OH	SMe
acyl	acyl	F	OH	SEt
acyl	acyl	F	OH	S-cyclopropyl
acyl	acyl	F	OH	F
acyl	acyl	F	OH	Cl
acyl	acyl	F	OH	Br
acyl	acyl	F	OH	I
acyl	amino acid	F	OH	H
acyl	amino acid	F	OH	NH ₂
acyl	amino acid	F	OH	NH-cyclopropyl
acyl	amino acid	F	OH	NH-methyl
acyl	amino acid	F	OH	NH-ethyl
acyl	amino acid	F	OH	NH-acetyl
acyl	amino acid	F	OH	OH
acyl	amino acid	F	OH	OMe
acyl	amino acid	F	OH	OEt
acyl	amino acid	F	OH	O-cyclopropyl
acyl	amino acid	F	OH	O-acetyl
acyl	amino acid	F	OH	SH
acyl	amino acid	F	OH	SMe
acyl	amino acid	F	OH	SEt
acyl	amino acid	F	OH	S-cyclopropyl
acyl	amino acid	F	OH	F
acyl	amino acid	F	OH	Cl
acyl	amino acid	F	OH	Br
acyl	amino acid	F	OH	I
H	acyl	F	OH	H
H	acyl	F	OH	NH ₂
H	acyl	F	OH	NH-cyclopropyl
H	acyl	F	OH	NH-methyl
H	acyl	F	OH	NH-ethyl
H	acyl	F	OH	NH-acetyl
H	acyl	F	OH	OH
H	acyl	F	OH	OMe
H	acyl	F	OH	OEt
H	acyl	F	OH	O-cyclopropyl
H	acyl	F	OH	O-acetyl
H	acyl	F	OH	SH
H	acyl	F	OH	SMe
H	acyl	F	OH	SEt
H	acyl	F	OH	S-cyclopropyl
H	acyl	F	OH	F
H	acyl	F	OH	Cl
H	acyl	F	OH	Br
H	acyl	F	OH	I
H	amino acid	F	OH	H
H	amino acid	F	OH	NH ₂
H	amino acid	F	OH	NH-cyclopropyl
H	amino acid	F	OH	NH-methyl
H	amino acid	F	OH	NH-ethyl
H	amino acid	F	OH	NH-acetyl
H	amino acid	F	OH	OH
H	amino acid	F	OH	OMe
H	amino acid	F	OH	OEt
H	amino acid	F	OH	O-cyclopropyl
H	amino acid	F	OH	O-acetyl
H	amino acid	F	OH	SH
H	amino acid	F	OH	SMe
H	amino acid	F	OH	SEt
H	amino acid	F	OH	S-cyclopropyl
H	amino acid	F	OH	F
H	amino acid	F	OH	Cl
H	amino acid	F	OH	Br
H	amino acid	F	OH	I
amino acid	amino acid	F	OH	H
amino acid	amino acid	F	OH	NH ₂
amino acid	amino acid	F	OH	NH-cyclopropyl

TABLE 7-continued

R ²	R ³	X ¹	X ²	Y	
5	amino acid	amino acid	F	OH	NH-methyl
	amino acid	amino acid	F	OH	NH-ethyl
	amino acid	amino acid	F	OH	NH-acetyl
	amino acid	amino acid	F	OH	OH
	amino acid	amino acid	F	OH	OMe
	amino acid	amino acid	F	OH	OEt
10	amino acid	amino acid	F	OH	O-cyclopropyl
	amino acid	amino acid	F	OH	O-acetyl
	amino acid	amino acid	F	OH	SH
	amino acid	amino acid	F	OH	SMe
	amino acid	amino acid	F	OH	SEt
	amino acid	amino acid	F	OH	S-cyclopropyl
15	amino acid	amino acid	F	OH	F
	amino acid	amino acid	F	OH	Cl
	amino acid	amino acid	F	OH	Br
	amino acid	amino acid	F	OH	I
	amino acid	H	F	OH	H
	amino acid	H	F	OH	NH ₂
20	amino acid	H	F	OH	NH-cyclopropyl
	amino acid	H	F	OH	NH-methyl
	amino acid	H	F	OH	NH-ethyl
	amino acid	H	F	OH	NH-acetyl
	amino acid	H	F	OH	OH
	amino acid	H	F	OH	OMe
25	amino acid	H	F	OH	OEt
	amino acid	H	F	OH	O-cyclopropyl
	amino acid	H	F	OH	O-acetyl
	amino acid	H	F	OH	SH
	amino acid	H	F	OH	SMe
	amino acid	H	F	OH	SEt
30	amino acid	H	F	OH	S-cyclopropyl
	amino acid	H	F	OH	F
	amino acid	H	F	OH	Cl
	amino acid	H	F	OH	Br
	amino acid	H	F	OH	I
	amino acid	acyl	F	OH	H
35	amino acid	acyl	F	OH	NH ₂
	amino acid	acyl	F	OH	NH-cyclopropyl
	amino acid	acyl	F	OH	NH-methyl
	amino acid	acyl	F	OH	NH-ethyl
	amino acid	acyl	F	OH	NH-acetyl
	amino acid	acyl	F	OH	OH
40	amino acid	acyl	F	OH	OMe
	amino acid	acyl	F	OH	OEt
	amino acid	acyl	F	OH	O-cyclopropyl
	amino acid	acyl	F	OH	O-acetyl
	amino acid	acyl	F	OH	SH
	amino acid	acyl	F	OH	SMe
45	amino acid	acyl	F	OH	SEt
	amino acid	acyl	F	OH	S-cyclopropyl
	amino acid	acyl	F	OH	F
	amino acid	acyl	F	OH	Cl
	amino acid	acyl	F	OH	Br
	amino acid	acyl	F	OH	I
50	acyl	H	NH ₂	OH	H
	acyl	H	NH ₂	OH	NH ₂
	acyl	H	NH ₂	OH	NH-cyclopropyl
	acyl	H	NH ₂	OH	NH-methyl
	acyl	H	NH ₂	OH	NH-ethyl
	acyl	H	NH ₂	OH	NH-acetyl
55	acyl	H	NH ₂	OH	OH
	acyl	H	NH ₂	OH	OMe
	acyl	H	NH ₂	OH	OEt
	acyl	H	NH ₂	OH	O-cyclopropyl
	acyl	H	NH ₂	OH	O-acetyl
	acyl	H	NH ₂	OH	SH
60	acyl	H	NH ₂	OH	SMe
	acyl	H	NH ₂	OH	SEt
	acyl	H	NH ₂	OH	S-cyclopropyl
	acyl	H	NH ₂	OH	F
	acyl	H	NH ₂	OH	Cl
	acyl	H	NH ₂	OH	Br
65	acyl	H	NH ₂	OH	I
	acyl	acyl	NH ₂	OH	H
	acyl	acyl	NH ₂	OH	NH ₂
	acyl	acyl	NH ₂	OH	NH-cyclopropyl
	acyl	acyl	NH ₂	OH	NH-methyl

TABLE 7-continued

R ²	R ³	X ¹	X ²	Y
acyl	acyl	NH ₂	OH	NH-ethyl
acyl	acyl	NH ₂	OH	NH-acetyl
acyl	acyl	NH ₂	OH	OH
acyl	acyl	NH ₂	OH	OMe
acyl	acyl	NH ₂	OH	OEt
acyl	acyl	NH ₂	OH	O-cyclopropyl
acyl	acyl	NH ₂	OH	O-acetyl
acyl	acyl	NH ₂	OH	SH
acyl	acyl	NH ₂	OH	SMe
acyl	acyl	NH ₂	OH	SEt
acyl	acyl	NH ₂	OH	S-cyclopropyl
acyl	acyl	NH ₂	OH	F
acyl	acyl	NH ₂	OH	Cl
acyl	acyl	NH ₂	OH	Br
acyl	acyl	NH ₂	OH	I
acyl	acyl	NH ₂	OH	H
acyl	amino acid	NH ₂	OH	NH ₂
acyl	amino acid	NH ₂	OH	NH-cyclopropyl
acyl	amino acid	NH ₂	OH	NH-methyl
acyl	amino acid	NH ₂	OH	NH-ethyl
acyl	amino acid	NH ₂	OH	NH-acetyl
acyl	amino acid	NH ₂	OH	OH
acyl	amino acid	NH ₂	OH	OMe
acyl	amino acid	NH ₂	OH	OEt
acyl	amino acid	NH ₂	OH	O-cyclopropyl
acyl	amino acid	NH ₂	OH	O-acetyl
acyl	amino acid	NH ₂	OH	SH
acyl	amino acid	NH ₂	OH	SMe
acyl	amino acid	NH ₂	OH	SEt
acyl	amino acid	NH ₂	OH	S-cyclopropyl
acyl	amino acid	NH ₂	OH	F
acyl	amino acid	NH ₂	OH	Cl
acyl	amino acid	NH ₂	OH	Br
acyl	amino acid	NH ₂	OH	I
acyl	amino acid	NH ₂	OH	H
H	acyl	NH ₂	OH	NH ₂
H	acyl	NH ₂	OH	NH-cyclopropyl
H	acyl	NH ₂	OH	NH-methyl
H	acyl	NH ₂	OH	NH-ethyl
H	acyl	NH ₂	OH	NH-acetyl
H	acyl	NH ₂	OH	OH
H	acyl	NH ₂	OH	OMe
H	acyl	NH ₂	OH	OEt
H	acyl	NH ₂	OH	O-cyclopropyl
H	acyl	NH ₂	OH	O-acetyl
H	acyl	NH ₂	OH	SH
H	acyl	NH ₂	OH	SMe
H	acyl	NH ₂	OH	SEt
H	acyl	NH ₂	OH	S-cyclopropyl
H	acyl	NH ₂	OH	F
H	acyl	NH ₂	OH	Cl
H	acyl	NH ₂	OH	Br
H	acyl	NH ₂	OH	I
H	acyl	NH ₂	OH	H
H	amino acid	NH ₂	OH	NH ₂
H	amino acid	NH ₂	OH	NH-cyclopropyl
H	amino acid	NH ₂	OH	NH-methyl
H	amino acid	NH ₂	OH	NH-ethyl
H	amino acid	NH ₂	OH	NH-acetyl
H	amino acid	NH ₂	OH	OH
H	amino acid	NH ₂	OH	OMe
H	amino acid	NH ₂	OH	OEt
H	amino acid	NH ₂	OH	O-cyclopropyl
H	amino acid	NH ₂	OH	O-acetyl
H	amino acid	NH ₂	OH	SH
H	amino acid	NH ₂	OH	SMe
H	amino acid	NH ₂	OH	SEt
H	amino acid	NH ₂	OH	S-cyclopropyl
H	amino acid	NH ₂	OH	F
H	amino acid	NH ₂	OH	Cl
H	amino acid	NH ₂	OH	Br
H	amino acid	NH ₂	OH	I
H	amino acid	NH ₂	OH	H
amino acid	amino acid	NH ₂	OH	NH ₂
amino acid	amino acid	NH ₂	OH	NH-cyclopropyl
amino acid	amino acid	NH ₂	OH	NH-methyl
amino acid	amino acid	NH ₂	OH	NH-ethyl
amino acid	amino acid	NH ₂	OH	NH-acetyl

TABLE 7-continued

R ²	R ³	X ¹	X ²	Y	
5	amino acid	amino acid	NH ₂	OH	NH-acetyl
	amino acid	amino acid	NH ₂	OH	OH
	amino acid	amino acid	NH ₂	OH	OMe
	amino acid	amino acid	NH ₂	OH	OEt
	amino acid	amino acid	NH ₂	OH	O-cyclopropyl
	amino acid	amino acid	NH ₂	OH	O-acetyl
10	amino acid	amino acid	NH ₂	OH	SH
	amino acid	amino acid	NH ₂	OH	SMe
	amino acid	amino acid	NH ₂	OH	SEt
	amino acid	amino acid	NH ₂	OH	S-cyclopropyl
	amino acid	amino acid	NH ₂	OH	F
	amino acid	amino acid	NH ₂	OH	Cl
15	amino acid	amino acid	NH ₂	OH	Br
	amino acid	amino acid	NH ₂	OH	I
	amino acid	H	NH ₂	OH	H
	amino acid	H	NH ₂	OH	NH ₂
	amino acid	H	NH ₂	OH	NH-cyclopropyl
	amino acid	H	NH ₂	OH	NH-methyl
20	amino acid	H	NH ₂	OH	NH-ethyl
	amino acid	H	NH ₂	OH	NH-acetyl
	amino acid	H	NH ₂	OH	OH
	amino acid	H	NH ₂	OH	OMe
	amino acid	H	NH ₂	OH	OEt
	amino acid	H	NH ₂	OH	O-cyclopropyl
25	amino acid	H	NH ₂	OH	O-acetyl
	amino acid	H	NH ₂	OH	SH
	amino acid	H	NH ₂	OH	SMe
	amino acid	H	NH ₂	OH	SEt
	amino acid	H	NH ₂	OH	S-cyclopropyl
	amino acid	H	NH ₂	OH	F
30	amino acid	H	NH ₂	OH	Cl
	amino acid	H	NH ₂	OH	Br
	amino acid	H	NH ₂	OH	I
	amino acid	acyl	NH ₂	OH	H
	amino acid	acyl	NH ₂	OH	NH ₂
	amino acid	acyl	NH ₂	OH	NH-cyclopropyl
35	amino acid	acyl	NH ₂	OH	NH-methyl
	amino acid	acyl	NH ₂	OH	NH-ethyl
	amino acid	acyl	NH ₂	OH	NH-acetyl
	amino acid	acyl	NH ₂	OH	OH
	amino acid	acyl	NH ₂	OH	OMe
	amino acid	acyl	NH ₂	OH	OEt
40	amino acid	acyl	NH ₂	OH	O-cyclopropyl
	amino acid	acyl	NH ₂	OH	O-acetyl
	amino acid	acyl	NH ₂	OH	SH
	amino acid	acyl	NH ₂	OH	SMe
	amino acid	acyl	NH ₂	OH	SEt
	amino acid	acyl	NH ₂	OH	S-cyclopropyl
45	amino acid	acyl	NH ₂	OH	F
	amino acid	acyl	NH ₂	OH	Cl
	amino acid	acyl	NH ₂	OH	Br
	amino acid	acyl	NH ₂	OH	I
	acyl	H	SH	OH	H
	acyl	H	SH	OH	NH ₂
50	acyl	H	SH	OH	NH-cyclopropyl
	acyl	H	SH	OH	NH-methyl
	acyl	H	SH	OH	NH-ethyl
	acyl	H	SH	OH	NH-acetyl
	acyl	H	SH	OH	OH
	acyl	H	SH	OH	OMe
55	acyl	H	SH	OH	OEt
	acyl	H	SH	OH	O-cyclopropyl
	acyl	H	SH	OH	O-acetyl
	acyl	H	SH	OH	SH
	acyl	H	SH	OH	SMe
	acyl	H	SH	OH	SEt
60	acyl	H	SH	OH	S-cyclopropyl
	acyl	H	SH	OH	F
	acyl	H	SH	OH	Cl
	acyl	H	SH	OH	Br
	acyl	H	SH	OH	I
	acyl	acyl	SH	OH	H
65	acyl	acyl	SH	OH	NH ₂
	acyl	acyl	SH	OH	NH-cyclopropyl
	acyl	acyl	SH	OH	NH-methyl
	acyl	acyl	SH	OH	NH-ethyl
	acyl	acyl	SH	OH	NH-acetyl

TABLE 7-continued

	R ²	R ³	X ¹	X ²	Y
5	amino acid	amino acid	SH	OH	OMe
	amino acid	amino acid	SH	OH	OEt
	amino acid	amino acid	SH	OH	O-cyclopropyl
	amino acid	amino acid	SH	OH	O-acetyl
	amino acid	amino acid	SH	OH	SH
	amino acid	amino acid	SH	OH	SMe
10	amino acid	amino acid	SH	OH	SEt
	amino acid	amino acid	SH	OH	S-cyclopropyl
	amino acid	amino acid	SH	OH	F
	amino acid	amino acid	SH	OH	Cl
	amino acid	amino acid	SH	OH	Br
	amino acid	amino acid	SH	OH	I
15	amino acid	H	SH	OH	H
	amino acid	H	SH	OH	NH ₂
	amino acid	H	SH	OH	NH-cyclopropyl
	amino acid	H	SH	OH	NH-methyl
	amino acid	H	SH	OH	NH-ethyl
	amino acid	H	SH	OH	NH-acetyl
20	amino acid	H	SH	OH	OH
	amino acid	H	SH	OH	OMe
	amino acid	H	SH	OH	OEt
	amino acid	H	SH	OH	O-cyclopropyl
	amino acid	H	SH	OH	O-acetyl
	amino acid	H	SH	OH	SH
25	amino acid	H	SH	OH	SMe
	amino acid	H	SH	OH	SEt
	amino acid	H	SH	OH	S-cyclopropyl
	amino acid	H	SH	OH	F
	amino acid	H	SH	OH	Cl
	amino acid	H	SH	OH	Br
	amino acid	H	SH	OH	I
30	amino acid	acyl	SH	OH	H
	amino acid	acyl	SH	OH	NH ₂
	amino acid	acyl	SH	OH	NH-cyclopropyl
	amino acid	acyl	SH	OH	NH-methyl
	amino acid	acyl	SH	OH	NH-ethyl
	amino acid	acyl	SH	OH	NH-acetyl
35	amino acid	acyl	SH	OH	OH
	amino acid	acyl	SH	OH	OMe
	amino acid	acyl	SH	OH	OEt
	amino acid	acyl	SH	OH	O-cyclopropyl
	amino acid	acyl	SH	OH	O-acetyl
	amino acid	acyl	SH	OH	SH
40	amino acid	acyl	SH	OH	SMe
	amino acid	acyl	SH	OH	SEt
	amino acid	acyl	SH	OH	S-cyclopropyl
	amino acid	acyl	SH	OH	F
	amino acid	acyl	SH	OH	Cl
	amino acid	acyl	SH	OH	Br
	amino acid	acyl	SH	OH	I
45	acyl	H	OH	OH	H
	acyl	H	OH	OH	NH ₂
	acyl	H	OH	OH	NH-cyclopropyl
	acyl	H	OH	OH	NH-methyl
	acyl	H	OH	OH	NH-ethyl
	acyl	H	OH	OH	NH-acetyl
50	acyl	H	OH	OH	OH
	acyl	H	OH	OH	OMe
	acyl	H	OH	OH	OEt
	acyl	H	OH	OH	O-cyclopropyl
	acyl	H	OH	OH	O-acetyl
	acyl	H	OH	OH	SH
55	acyl	H	OH	OH	SMe
	acyl	H	OH	OH	SEt
	acyl	H	OH	OH	S-cyclopropyl
	acyl	H	OH	OH	F
	acyl	H	OH	OH	Cl
	acyl	H	OH	OH	Br
	acyl	H	OH	OH	I
60	acyl	acyl	OH	OH	H
	acyl	acyl	OH	OH	NH ₂
	acyl	acyl	OH	OH	NH-cyclopropyl
	acyl	acyl	OH	OH	NH-methyl
	acyl	acyl	OH	OH	NH-ethyl
	acyl	acyl	OH	OH	NH-acetyl
65	acyl	acyl	OH	OH	OH
	acyl	acyl	OH	OH	OMe

TABLE 7-continued

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TABLE 7-continued

R ²	R ³	X ¹	X ²	Y
acyl	acyl	CH ₃	H	O-acetyl
acyl	acyl	CH ₃	H	SH
acyl	acyl	CH ₃	H	SMe
acyl	acyl	CH ₃	H	SEt
acyl	acyl	CH ₃	H	S-cyclopropyl
acyl	acyl	CH ₃	H	F
acyl	acyl	CH ₃	H	Cl
acyl	acyl	CH ₃	H	Br
acyl	acyl	CH ₃	H	I
acyl	amino acid	CH ₃	H	H
acyl	amino acid	CH ₃	H	NH ₂
acyl	amino acid	CH ₃	H	NH-cyclopropyl
acyl	amino acid	CH ₃	H	NH-methyl
acyl	amino acid	CH ₃	H	NH-ethyl
acyl	amino acid	CH ₃	H	NH-acetyl
acyl	amino acid	CH ₃	H	OH
acyl	amino acid	CH ₃	H	OMe
acyl	amino acid	CH ₃	H	OEt
acyl	amino acid	CH ₃	H	O-cyclopropyl
acyl	amino acid	CH ₃	H	O-acetyl
acyl	amino acid	CH ₃	H	SH
acyl	amino acid	CH ₃	H	SMe
acyl	amino acid	CH ₃	H	SEt
acyl	amino acid	CH ₃	H	S-cyclopropyl
acyl	amino acid	CH ₃	H	F
acyl	amino acid	CH ₃	H	Cl
acyl	amino acid	CH ₃	H	Br
acyl	amino acid	CH ₃	H	I
H	acyl	CH ₃	H	H
H	acyl	CH ₃	H	NH ₂
H	acyl	CH ₃	H	NH-cyclopropyl
H	acyl	CH ₃	H	NH-methyl
H	acyl	CH ₃	H	NH-ethyl
H	acyl	CH ₃	H	NH-acetyl
H	acyl	CH ₃	H	OH
H	acyl	CH ₃	H	OMe
H	acyl	CH ₃	H	OEt
H	acyl	CH ₃	H	O-cyclopropyl
H	acyl	CH ₃	H	O-acetyl
H	acyl	CH ₃	H	SH
H	acyl	CH ₃	H	SMe
H	acyl	CH ₃	H	SEt
H	acyl	CH ₃	H	S-cyclopropyl
H	acyl	CH ₃	H	F
H	acyl	CH ₃	H	Cl
H	acyl	CH ₃	H	Br
H	acyl	CH ₃	H	I
H	acyl	CH ₃	H	H
H	amino acid	CH ₃	H	H
H	amino acid	CH ₃	H	NH ₂
H	amino acid	CH ₃	H	NH-cyclopropyl
H	amino acid	CH ₃	H	NH-methyl
H	amino acid	CH ₃	H	NH-ethyl
H	amino acid	CH ₃	H	NH-acetyl
H	amino acid	CH ₃	H	OH
H	amino acid	CH ₃	H	OMe
H	amino acid	CH ₃	H	OEt
H	amino acid	CH ₃	H	O-cyclopropyl
H	amino acid	CH ₃	H	O-acetyl
H	amino acid	CH ₃	H	SH
H	amino acid	CH ₃	H	SMe
H	amino acid	CH ₃	H	SEt
H	amino acid	CH ₃	H	S-cyclopropyl
H	amino acid	CH ₃	H	F
H	amino acid	CH ₃	H	Cl
H	amino acid	CH ₃	H	Br
H	amino acid	CH ₃	H	I
H	amino acid	CH ₃	H	H
amino acid	amino acid	CH ₃	H	NH ₂
amino acid	amino acid	CH ₃	H	NH-cyclopropyl
amino acid	amino acid	CH ₃	H	NH-methyl
amino acid	amino acid	CH ₃	H	NH-ethyl
amino acid	amino acid	CH ₃	H	NH-acetyl
amino acid	amino acid	CH ₃	H	OH
amino acid	amino acid	CH ₃	H	OMe
amino acid	amino acid	CH ₃	H	OEt
amino acid	amino acid	CH ₃	H	O-cyclopropyl
amino acid	amino acid	CH ₃	H	O-acetyl
amino acid	amino acid	CH ₃	H	SH

TABLE 7-continued

R ²	R ³	X ¹	X ²	Y	
5	amino acid	amino acid	CH ₃	H	SH
	amino acid	amino acid	CH ₃	H	SMe
	amino acid	amino acid	CH ₃	H	SEt
	amino acid	amino acid	CH ₃	H	S-cyclopropyl
	amino acid	amino acid	CH ₃	H	F
10	amino acid	amino acid	CH ₃	H	Cl
	amino acid	amino acid	CH ₃	H	Br
	amino acid	amino acid	CH ₃	H	I
	amino acid	H	CH ₃	H	H
	amino acid	H	CH ₃	H	NH ₂
15	amino acid	H	CH ₃	H	NH-cyclopropyl
	amino acid	H	CH ₃	H	NH-methyl
	amino acid	H	CH ₃	H	NH-ethyl
	amino acid	H	CH ₃	H	NH-acetyl
	amino acid	H	CH ₃	H	OH
20	amino acid	H	CH ₃	H	OMe
	amino acid	H	CH ₃	H	OEt
	amino acid	H	CH ₃	H	O-cyclopropyl
	amino acid	H	CH ₃	H	O-acetyl
	amino acid	H	CH ₃	H	SH
25	amino acid	H	CH ₃	H	SMe
	amino acid	H	CH ₃	H	SEt
	amino acid	H	CH ₃	H	S-cyclopropyl
	amino acid	H	CH ₃	H	F
	amino acid	H	CH ₃	H	Cl
30	amino acid	H	CH ₃	H	Br
	amino acid	H	CH ₃	H	I
	amino acid	acyl	CH ₃	H	H
	amino acid	acyl	CH ₃	H	NH ₂
	amino acid	acyl	CH ₃	H	NH-cyclopropyl
35	amino acid	acyl	CH ₃	H	NH-methyl
	amino acid	acyl	CH ₃	H	NH-ethyl
	amino acid	acyl	CH ₃	H	NH-acetyl
	amino acid	acyl	CH ₃	H	OH
	amino acid	acyl	CH ₃	H	OMe
40	amino acid	acyl	CH ₃	H	OEt
	amino acid	acyl	CH ₃	H	O-cyclopropyl
	amino acid	acyl	CH ₃	H	O-acetyl
	amino acid	acyl	CH ₃	H	SH
	amino acid	acyl	CH ₃	H	SMe
45	amino acid	acyl	CH ₃	H	SEt
	amino acid	acyl	CH ₃	H	S-cyclopropyl
	amino acid	acyl	CH ₃	H	F
	amino acid	acyl	CH ₃	H	Cl
	amino acid	acyl	CH ₃	H	Br
50	amino acid	acyl	CH ₃	H	I
	acyl	H	CF ₃	H	H
	acyl	H	CF ₃	H	NH ₂
	acyl	H	CF ₃	H	NH-cyclopropyl
	acyl	H	CF ₃	H	NH-methyl
55	acyl	H	CF ₃	H	NH-ethyl
	acyl	H	CF ₃	H	NH-acetyl
	acyl	H	CF ₃	H	OH
	acyl	H	CF ₃	H	OMe
	acyl	H	CF ₃	H	OEt
60	acyl	H	CF ₃	H	O-cyclopropyl
	acyl	H	CF ₃	H	O-acetyl
	acyl	H	CF ₃	H	SH
	acyl	H	CF ₃	H	SMe
	acyl	H	CF ₃	H	SEt
65	acyl	H	CF ₃	H	S-cyclopropyl
	acyl	H	CF ₃	H	F
	acyl	H	CF ₃	H	Cl
	acyl	H	CF ₃	H	Br
	acyl	H	CF ₃	H	I
70	acyl	acyl	CF ₃	H	H
	acyl	acyl	CF ₃	H	NH ₂
	acyl	acyl	CF ₃	H	NH-cyclopropyl
	acyl	acyl	CF ₃	H	NH-methyl
	acyl	acyl	CF ₃	H	NH-ethyl
75	acyl	acyl	CF ₃	H	NH-acetyl
	acyl	acyl	CF ₃	H	OH
	acyl	acyl	CF ₃	H	OMe
	acyl	acyl	CF ₃	H	OEt
	acyl	acyl	CF ₃	H	O-cyclopropyl
80	acyl	acyl	CF ₃	H	O-acetyl
	acyl	acyl	CF ₃	H	SH

TABLE 7-continued

R ²	R ³	X ¹	X ²	Y
acyl	acyl	CF ₃	H	SMe
acyl	acyl	CF ₃	H	SEt
acyl	acyl	CF ₃	H	S-cyclopropyl
acyl	acyl	CF ₃	H	F
acyl	acyl	CF ₃	H	Cl
acyl	acyl	CF ₃	H	Br
acyl	acyl	CF ₃	H	I
acyl	acyl	CF ₃	H	H
acyl	amino acid	CF ₃	H	NH ₂
acyl	amino acid	CF ₃	H	NH-cyclopropyl
acyl	amino acid	CF ₃	H	NH-methyl
acyl	amino acid	CF ₃	H	NH-ethyl
acyl	amino acid	CF ₃	H	NH-acetyl
acyl	amino acid	CF ₃	H	OH
acyl	amino acid	CF ₃	H	OMe
acyl	amino acid	CF ₃	H	OEt
acyl	amino acid	CF ₃	H	O-cyclopropyl
acyl	amino acid	CF ₃	H	O-acetyl
acyl	amino acid	CF ₃	H	SH
acyl	amino acid	CF ₃	H	SMe
acyl	amino acid	CF ₃	H	SEt
acyl	amino acid	CF ₃	H	S-cyclopropyl
acyl	amino acid	CF ₃	H	F
acyl	amino acid	CF ₃	H	Cl
acyl	amino acid	CF ₃	H	Br
acyl	amino acid	CF ₃	H	I
H	acyl	CF ₃	H	H
H	acyl	CF ₃	H	NH ₂
H	acyl	CF ₃	H	NH-cyclopropyl
H	acyl	CF ₃	H	NH-methyl
H	acyl	CF ₃	H	NH-ethyl
H	acyl	CF ₃	H	NH-acetyl
H	acyl	CF ₃	H	OH
H	acyl	CF ₃	H	OMe
H	acyl	CF ₃	H	OEt
H	acyl	CF ₃	H	O-cyclopropyl
H	acyl	CF ₃	H	O-acetyl
H	acyl	CF ₃	H	SH
H	acyl	CF ₃	H	SMe
H	acyl	CF ₃	H	SEt
H	acyl	CF ₃	H	S-cyclopropyl
H	acyl	CF ₃	H	F
H	acyl	CF ₃	H	Cl
H	acyl	CF ₃	H	Br
H	acyl	CF ₃	H	I
H	acyl	CF ₃	H	H
H	amino acid	CF ₃	H	NH ₂
H	amino acid	CF ₃	H	NH-cyclopropyl
H	amino acid	CF ₃	H	NH-methyl
H	amino acid	CF ₃	H	NH-ethyl
H	amino acid	CF ₃	H	NH-acetyl
H	amino acid	CF ₃	H	OH
H	amino acid	CF ₃	H	OMe
H	amino acid	CF ₃	H	OEt
H	amino acid	CF ₃	H	O-cyclopropyl
H	amino acid	CF ₃	H	O-acetyl
H	amino acid	CF ₃	H	SH
H	amino acid	CF ₃	H	SMe
H	amino acid	CF ₃	H	SEt
H	amino acid	CF ₃	H	S-cyclopropyl
H	amino acid	CF ₃	H	F
H	amino acid	CF ₃	H	Cl
H	amino acid	CF ₃	H	Br
H	amino acid	CF ₃	H	I
H	amino acid	CF ₃	H	H
amino acid	amino acid	CF ₃	H	NH ₂
amino acid	amino acid	CF ₃	H	NH-cyclopropyl
amino acid	amino acid	CF ₃	H	NH-methyl
amino acid	amino acid	CF ₃	H	NH-ethyl
amino acid	amino acid	CF ₃	H	NH-acetyl
amino acid	amino acid	CF ₃	H	OH
amino acid	amino acid	CF ₃	H	OMe
amino acid	amino acid	CF ₃	H	OEt
amino acid	amino acid	CF ₃	H	O-cyclopropyl
amino acid	amino acid	CF ₃	H	O-acetyl
amino acid	amino acid	CF ₃	H	SH
amino acid	amino acid	CF ₃	H	SMe
amino acid	amino acid	CF ₃	H	SEt

TABLE 7-continued

R ²	R ³	X ¹	X ²	Y	
5	amino acid	CF ₃	H	SEt	
	amino acid	CF ₃	H	S-cyclopropyl	
	amino acid	CF ₃	H	F	
	amino acid	CF ₃	H	Cl	
	amino acid	CF ₃	H	Br	
	amino acid	CF ₃	H	I	
10	amino acid	H	CF ₃	H	
	amino acid	H	CF ₃	H	NH ₂
	amino acid	H	CF ₃	H	NH-cyclopropyl
	amino acid	H	CF ₃	H	NH-methyl
	amino acid	H	CF ₃	H	NH-ethyl
	amino acid	H	CF ₃	H	NH-acetyl
15	amino acid	H	CF ₃	H	OH
	amino acid	H	CF ₃	H	OMe
	amino acid	H	CF ₃	H	OEt
	amino acid	H	CF ₃	H	O-cyclopropyl
	amino acid	H	CF ₃	H	O-acetyl
	amino acid	H	CF ₃	H	SH
20	amino acid	H	CF ₃	H	SMe
	amino acid	H	CF ₃	H	SEt
	amino acid	H	CF ₃	H	S-cyclopropyl
	amino acid	H	CF ₃	H	F
	amino acid	H	CF ₃	H	Cl
	amino acid	H	CF ₃	H	Br
25	amino acid	H	CF ₃	H	I
	amino acid	acyl	CF ₃	H	H
	amino acid	acyl	CF ₃	H	NH ₂
	amino acid	acyl	CF ₃	H	NH-cyclopropyl
	amino acid	acyl	CF ₃	H	NH-methyl
	amino acid	acyl	CF ₃	H	NH-ethyl
30	amino acid	acyl	CF ₃	H	NH-acetyl
	amino acid	acyl	CF ₃	H	OH
	amino acid	acyl	CF ₃	H	OMe
	amino acid	acyl	CF ₃	H	OEt
	amino acid	acyl	CF ₃	H	O-cyclopropyl
	amino acid	acyl	CF ₃	H	O-acetyl
35	amino acid	acyl	CF ₃	H	SH
	amino acid	acyl	CF ₃	H	SMe
	amino acid	acyl	CF ₃	H	SEt
	amino acid	acyl	CF ₃	H	S-cyclopropyl
	amino acid	acyl	CF ₃	H	F
	amino acid	acyl	CF ₃	H	Cl
40	amino acid	acyl	CF ₃	H	Br
	amino acid	acyl	CF ₃	H	I
	acyl	H	Br	H	H
	acyl	H	Br	H	NH ₂
	acyl	H	Br	H	NH-cyclopropyl
	acyl	H	Br	H	NH-methyl
45	acyl	H	Br	H	NH-ethyl
	acyl	H	Br	H	NH-acetyl
	acyl	H	Br	H	OH
	acyl	H	Br	H	OMe
	acyl	H	Br	H	OEt
	acyl	H	Br	H	O-cyclopropyl
50	acyl	H	Br	H	O-acetyl
	acyl	H	Br	H	SH
	acyl	H	Br	H	SMe
	acyl	H	Br	H	SEt
	acyl	H	Br	H	S-cyclopropyl
	acyl	H	Br	H	F
55	acyl	H	Br	H	Cl
	acyl	H	Br	H	Br
	acyl	H	Br	H	I
	acyl	acyl	Br	H	H
	acyl	acyl	Br	H	NH ₂
	acyl	acyl	Br	H	NH-cyclopropyl
60	acyl	acyl	Br	H	NH-methyl
	acyl	acyl	Br	H	NH-ethyl
	acyl	acyl	Br	H	NH-acetyl
	acyl	acyl	Br	H	OH
	acyl	acyl	Br	H	OMe
	acyl	acyl	Br	H	OEt
65	acyl	acyl	Br	H	O-cyclopropyl
	acyl	acyl	Br	H	O-acetyl
	acyl	acyl	Br	H	SH
	acyl	acyl	Br	H	SMe
	acyl	acyl	Br	H	SEt

TABLE 7-continued

R ²	R ³	X ¹	X ²	Y
acyl	acyl	Br	H	S-cyclopropyl
acyl	acyl	Br	H	F
acyl	acyl	Br	H	Cl
acyl	acyl	Br	H	Br
acyl	acyl	Br	H	I
acyl	amino acid	Br	H	H
acyl	amino acid	Br	H	NH ₂
acyl	amino acid	Br	H	NH-cyclopropyl
acyl	amino acid	Br	H	NH-methyl
acyl	amino acid	Br	H	NH-ethyl
acyl	amino acid	Br	H	NH-acetyl
acyl	amino acid	Br	H	OH
acyl	amino acid	Br	H	OMe
acyl	amino acid	Br	H	OEt
acyl	amino acid	Br	H	O-cyclopropyl
acyl	amino acid	Br	H	O-acetyl
acyl	amino acid	Br	H	SH
acyl	amino acid	Br	H	SMe
acyl	amino acid	Br	H	SEt
acyl	amino acid	Br	H	S-cyclopropyl
acyl	amino acid	Br	H	F
acyl	amino acid	Br	H	Cl
acyl	amino acid	Br	H	Br
acyl	amino acid	Br	H	I
H	acyl	Br	H	H
H	acyl	Br	H	NH ₂
H	acyl	Br	H	NH-cyclopropyl
H	acyl	Br	H	NH-methyl
H	acyl	Br	H	NH-ethyl
H	acyl	Br	H	NH-acetyl
H	acyl	Br	H	OH
H	acyl	Br	H	OMe
H	acyl	Br	H	OEt
H	acyl	Br	H	O-cyclopropyl
H	acyl	Br	H	O-acetyl
H	acyl	Br	H	SH
H	acyl	Br	H	SMe
H	acyl	Br	H	SEt
H	acyl	Br	H	S-cyclopropyl
H	acyl	Br	H	F
H	acyl	Br	H	Cl
H	acyl	Br	H	Br
H	acyl	Br	H	I
H	amino acid	Br	H	H
H	amino acid	Br	H	NH ₂
H	amino acid	Br	H	NH-cyclopropyl
H	amino acid	Br	H	NH-methyl
H	amino acid	Br	H	NH-ethyl
H	amino acid	Br	H	NH-acetyl
H	amino acid	Br	H	OH
H	amino acid	Br	H	OMe
H	amino acid	Br	H	OEt
H	amino acid	Br	H	O-cyclopropyl
H	amino acid	Br	H	O-acetyl
H	amino acid	Br	H	SH
H	amino acid	Br	H	SMe
H	amino acid	Br	H	SEt
H	amino acid	Br	H	S-cyclopropyl
H	amino acid	Br	H	F
H	amino acid	Br	H	Cl
H	amino acid	Br	H	Br
H	amino acid	Br	H	I
amino acid	amino acid	Br	H	H
amino acid	amino acid	Br	H	NH ₂
amino acid	amino acid	Br	H	NH-cyclopropyl
amino acid	amino acid	Br	H	NH-methyl
amino acid	amino acid	Br	H	NH-ethyl
amino acid	amino acid	Br	H	NH-acetyl
amino acid	amino acid	Br	H	OH
amino acid	amino acid	Br	H	OMe
amino acid	amino acid	Br	H	OEt
amino acid	amino acid	Br	H	O-cyclopropyl
amino acid	amino acid	Br	H	O-acetyl
amino acid	amino acid	Br	H	SH
amino acid	amino acid	Br	H	SMe
amino acid	amino acid	Br	H	SEt
amino acid	amino acid	Br	H	S-cyclopropyl

TABLE 7-continued

R ²	R ³	X ¹	X ²	Y	
5	amino acid	amino acid	Br	H	F
	amino acid	amino acid	Br	H	Cl
	amino acid	amino acid	Br	H	Br
	amino acid	amino acid	Br	H	I
	amino acid	H	Br	H	H
	amino acid	H	Br	H	NH ₂
10	amino acid	H	Br	H	NH-cyclopropyl
	amino acid	H	Br	H	NH-methyl
	amino acid	H	Br	H	NH-ethyl
	amino acid	H	Br	H	NH-acetyl
	amino acid	H	Br	H	OH
	amino acid	H	Br	H	OMe
15	amino acid	H	Br	H	OEt
	amino acid	H	Br	H	O-cyclopropyl
	amino acid	H	Br	H	O-acetyl
	amino acid	H	Br	H	SH
	amino acid	H	Br	H	SMe
	amino acid	H	Br	H	SEt
20	amino acid	H	Br	H	S-cyclopropyl
	amino acid	H	Br	H	F
	amino acid	H	Br	H	Cl
	amino acid	H	Br	H	Br
	amino acid	H	Br	H	I
	amino acid	acyl	Br	H	H
25	amino acid	acyl	Br	H	NH ₂
	amino acid	acyl	Br	H	NH-cyclopropyl
	amino acid	acyl	Br	H	NH-methyl
	amino acid	acyl	Br	H	NH-ethyl
	amino acid	acyl	Br	H	NH-acetyl
	amino acid	acyl	Br	H	OH
30	amino acid	acyl	Br	H	OMe
	amino acid	acyl	Br	H	OEt
	amino acid	acyl	Br	H	O-cyclopropyl
	amino acid	acyl	Br	H	O-acetyl
	amino acid	acyl	Br	H	SH
	amino acid	acyl	Br	H	SMe
35	amino acid	acyl	Br	H	SEt
	amino acid	acyl	Br	H	S-cyclopropyl
	amino acid	acyl	Br	H	F
	amino acid	acyl	Br	H	Cl
	amino acid	acyl	Br	H	Br
	amino acid	acyl	Br	H	I
40	acyl	H	Cl	H	H
	acyl	H	Cl	H	NH ₂
	acyl	H	Cl	H	NH-cyclopropyl
	acyl	H	Cl	H	NH-methyl
	acyl	H	Cl	H	NH-ethyl
	acyl	H	Cl	H	NH-acetyl
45	acyl	H	Cl	H	OH
	acyl	H	Cl	H	OMe
	acyl	H	Cl	H	OEt
	acyl	H	Cl	H	O-cyclopropyl
	acyl	H	Cl	H	O-acetyl
	acyl	H	Cl	H	SH
50	acyl	H	Cl	H	SMe
	acyl	H	Cl	H	SEt
	acyl	H	Cl	H	S-cyclopropyl
	acyl	H	Cl	H	F
	acyl	H	Cl	H	Cl
	acyl	H	Cl	H	Br
55	acyl	H	Cl	H	I
	acyl	acyl	Cl	H	H
	acyl	acyl	Cl	H	NH ₂
	acyl	acyl	Cl	H	NH-cyclopropyl
	acyl	acyl	Cl	H	NH-methyl
	acyl	acyl	Cl	H	NH-ethyl
60	acyl	acyl	Cl	H	NH-acetyl
	acyl	acyl	Cl	H	OH
	acyl	acyl	Cl	H	OMe
	acyl	acyl	Cl	H	OEt
	acyl	acyl	Cl	H	O-cyclopropyl
	acyl	acyl	Cl	H	O-acetyl
65	acyl	acyl	Cl	H	SH
	acyl	acyl	Cl	H	SMe
	acyl	acyl	Cl	H	SEt
	acyl	acyl	Cl	H	S-cyclopropyl
	acyl	acyl	Cl	H	F

TABLE 7-continued

R ²	R ³	X ¹	X ²	Y
acyl	acyl	Cl	H	Cl
acyl	acyl	Cl	H	Br
acyl	acyl	Cl	H	I
acyl	amino acid	Cl	H	H
acyl	amino acid	Cl	H	NH ₂
acyl	amino acid	Cl	H	NH-cyclopropyl
acyl	amino acid	Cl	H	NH-methyl
acyl	amino acid	Cl	H	NH-ethyl
acyl	amino acid	Cl	H	NH-acetyl
acyl	amino acid	Cl	H	OH
acyl	amino acid	Cl	H	OMe
acyl	amino acid	Cl	H	OEt
acyl	amino acid	Cl	H	O-cyclopropyl
acyl	amino acid	Cl	H	O-acetyl
acyl	amino acid	Cl	H	SH
acyl	amino acid	Cl	H	SMe
acyl	amino acid	Cl	H	SEt
acyl	amino acid	Cl	H	S-cyclopropyl
acyl	amino acid	Cl	H	F
acyl	amino acid	Cl	H	Cl
acyl	amino acid	Cl	H	Br
acyl	amino acid	Cl	H	I
H	acyl	Cl	H	H
H	acyl	Cl	H	NH ₂
H	acyl	Cl	H	NH-cyclopropyl
H	acyl	Cl	H	NH-methyl
H	acyl	Cl	H	NH-ethyl
H	acyl	Cl	H	NH-acetyl
H	acyl	Cl	H	OH
H	acyl	Cl	H	OMe
H	acyl	Cl	H	OEt
H	acyl	Cl	H	O-cyclopropyl
H	acyl	Cl	H	O-acetyl
H	acyl	Cl	H	SH
H	acyl	Cl	H	SMe
H	acyl	Cl	H	SEt
H	acyl	Cl	H	S-cyclopropyl
H	acyl	Cl	H	F
H	acyl	Cl	H	Cl
H	acyl	Cl	H	Br
H	acyl	Cl	H	I
H	amino acid	Cl	H	H
H	amino acid	Cl	H	NH ₂
H	amino acid	Cl	H	NH-cyclopropyl
H	amino acid	Cl	H	NH-methyl
H	amino acid	Cl	H	NH-ethyl
H	amino acid	Cl	H	NH-acetyl
H	amino acid	Cl	H	OH
H	amino acid	Cl	H	OMe
H	amino acid	Cl	H	OEt
H	amino acid	Cl	H	O-cyclopropyl
H	amino acid	Cl	H	O-acetyl
H	amino acid	Cl	H	SH
H	amino acid	Cl	H	SMe
H	amino acid	Cl	H	SEt
H	amino acid	Cl	H	S-cyclopropyl
H	amino acid	Cl	H	F
H	amino acid	Cl	H	Cl
H	amino acid	Cl	H	Br
H	amino acid	Cl	H	I
amino acid	amino acid	Cl	H	H
amino acid	amino acid	Cl	H	NH ₂
amino acid	amino acid	Cl	H	NH-cyclopropyl
amino acid	amino acid	Cl	H	NH-methyl
amino acid	amino acid	Cl	H	NH-ethyl
amino acid	amino acid	Cl	H	NH-acetyl
amino acid	amino acid	Cl	H	OH
amino acid	amino acid	Cl	H	OMe
amino acid	amino acid	Cl	H	OEt
amino acid	amino acid	Cl	H	O-cyclopropyl
amino acid	amino acid	Cl	H	O-acetyl
amino acid	amino acid	Cl	H	SH
amino acid	amino acid	Cl	H	SMe
amino acid	amino acid	Cl	H	SEt
amino acid	amino acid	Cl	H	S-cyclopropyl
amino acid	amino acid	Cl	H	F
amino acid	amino acid	Cl	H	Cl

TABLE 7-continued

R ²	R ³	X ¹	X ²	Y	
5	amino acid	amino acid	Cl	H	Br
	amino acid	amino acid	Cl	H	I
	amino acid	H	Cl	H	H
	amino acid	H	Cl	H	NH ₂
	amino acid	H	Cl	H	NH-cyclopropyl
	amino acid	H	Cl	H	NH-methyl
10	amino acid	H	Cl	H	NH-ethyl
	amino acid	H	Cl	H	NH-acetyl
	amino acid	H	Cl	H	OH
	amino acid	H	Cl	H	OMe
	amino acid	H	Cl	H	OEt
	amino acid	H	Cl	H	O-cyclopropyl
15	amino acid	H	Cl	H	O-acetyl
	amino acid	H	Cl	H	SH
	amino acid	H	Cl	H	SMe
	amino acid	H	Cl	H	SEt
	amino acid	H	Cl	H	S-cyclopropyl
	amino acid	H	Cl	H	F
20	amino acid	H	Cl	H	Cl
	amino acid	H	Cl	H	Br
	amino acid	H	Cl	H	I
	amino acid	acyl	Cl	H	H
	amino acid	acyl	Cl	H	NH ₂
	amino acid	acyl	Cl	H	NH-cyclopropyl
25	amino acid	acyl	Cl	H	NH-methyl
	amino acid	acyl	Cl	H	NH-ethyl
	amino acid	acyl	Cl	H	NH-acetyl
	amino acid	acyl	Cl	H	OH
	amino acid	acyl	Cl	H	OMe
	amino acid	acyl	Cl	H	OEt
30	amino acid	acyl	Cl	H	O-cyclopropyl
	amino acid	acyl	Cl	H	O-acetyl
	amino acid	acyl	Cl	H	SH
	amino acid	acyl	Cl	H	SMe
	amino acid	acyl	Cl	H	SEt
	amino acid	acyl	Cl	H	S-cyclopropyl
35	amino acid	acyl	Cl	H	F
	amino acid	acyl	Cl	H	Cl
	amino acid	acyl	Cl	H	Br
	amino acid	acyl	Cl	H	I
	acyl	H	F	H	H
	acyl	H	F	H	NH ₂
40	acyl	H	F	H	NH-cyclopropyl
	acyl	H	F	H	NH-methyl
	acyl	H	F	H	NH-ethyl
	acyl	H	F	H	NH-acetyl
	acyl	H	F	H	OH
	acyl	H	F	H	OMe
45	acyl	H	F	H	OEt
	acyl	H	F	H	O-cyclopropyl
	acyl	H	F	H	O-acetyl
	acyl	H	F	H	SH
	acyl	H	F	H	SMe
	acyl	H	F	H	SEt
50	acyl	H	F	H	S-cyclopropyl
	acyl	H	F	H	F
	acyl	H	F	H	Cl
	acyl	H	F	H	Br
	acyl	H	F	H	I
	acyl	H	F	H	H
55	acyl	acyl	F	H	NH ₂
	acyl	acyl	F	H	NH-cyclopropyl
	acyl	acyl	F	H	NH-methyl
	acyl	acyl	F	H	NH-ethyl
	acyl	acyl	F	H	NH-acetyl
	acyl	acyl	F	H	OH
60	acyl	acyl	F	H	OMe
	acyl	acyl	F	H	OEt
	acyl	acyl	F	H	O-cyclopropyl
	acyl	acyl	F	H	O-acetyl
	acyl	acyl	F	H	SH
	acyl	acyl	F	H	SMe
65	acyl	acyl	F	H	SEt
	acyl	acyl	F	H	S-cyclopropyl
	acyl	acyl	F	H	F
	acyl	acyl	F	H	Cl
	acyl	acyl	F	H	Br

TABLE 7-continued

R ²	R ³	X ¹	X ²	Y
acyl	acyl	F	H	I
acyl	amino acid	F	H	H
acyl	amino acid	F	H	NH ₂
acyl	amino acid	F	H	NH-cyclopropyl
acyl	amino acid	F	H	NH-methyl
acyl	amino acid	F	H	NH-ethyl
acyl	amino acid	F	H	NH-acetyl
acyl	amino acid	F	H	OH
acyl	amino acid	F	H	OMe
acyl	amino acid	F	H	OEt
acyl	amino acid	F	H	O-cyclopropyl
acyl	amino acid	F	H	O-acetyl
acyl	amino acid	F	H	SH
acyl	amino acid	F	H	SMe
acyl	amino acid	F	H	SEt
acyl	amino acid	F	H	S-cyclopropyl
acyl	amino acid	F	H	F
acyl	amino acid	F	H	Cl
acyl	amino acid	F	H	Br
acyl	amino acid	F	H	I
H	acyl	F	H	H
H	acyl	F	H	NH ₂
H	acyl	F	H	NH-cyclopropyl
H	acyl	F	H	NH-methyl
H	acyl	F	H	NH-ethyl
H	acyl	F	H	NH-acetyl
H	acyl	F	H	OH
H	acyl	F	H	OMe
H	acyl	F	H	OEt
H	acyl	F	H	O-cyclopropyl
H	acyl	F	H	O-acetyl
H	acyl	F	H	SH
H	acyl	F	H	SMe
H	acyl	F	H	SEt
H	acyl	F	H	S-cyclopropyl
H	acyl	F	H	F
H	acyl	F	H	Cl
H	acyl	F	H	Br
H	acyl	F	H	I
H	amino acid	F	H	H
H	amino acid	F	H	NH ₂
H	amino acid	F	H	NH-cyclopropyl
H	amino acid	F	H	NH-methyl
H	amino acid	F	H	NH-ethyl
H	amino acid	F	H	NH-acetyl
H	amino acid	F	H	OH
H	amino acid	F	H	OMe
H	amino acid	F	H	OEt
H	amino acid	F	H	O-cyclopropyl
H	amino acid	F	H	O-acetyl
H	amino acid	F	H	SH
H	amino acid	F	H	SMe
H	amino acid	F	H	SEt
H	amino acid	F	H	S-cyclopropyl
H	amino acid	F	H	F
H	amino acid	F	H	Cl
H	amino acid	F	H	Br
H	amino acid	F	H	I
amino acid	amino acid	F	H	H
amino acid	amino acid	F	H	NH ₂
amino acid	amino acid	F	H	NH-cyclopropyl
amino acid	amino acid	F	H	NH-methyl
amino acid	amino acid	F	H	NH-ethyl
amino acid	amino acid	F	H	NH-acetyl
amino acid	amino acid	F	H	OH
amino acid	amino acid	F	H	OMe
amino acid	amino acid	F	H	OEt
amino acid	amino acid	F	H	O-cyclopropyl
amino acid	amino acid	F	H	O-acetyl
amino acid	amino acid	F	H	SH
amino acid	amino acid	F	H	SMe
amino acid	amino acid	F	H	SEt
amino acid	amino acid	F	H	S-cyclopropyl
amino acid	amino acid	F	H	F
amino acid	amino acid	F	H	Cl
amino acid	amino acid	F	H	Br
amino acid	amino acid	F	H	I

TABLE 7-continued

R ²	R ³	X ¹	X ²	Y
5	amino acid	H	F	H
	amino acid	H	F	NH ₂
	amino acid	H	F	NH-cyclopropyl
	amino acid	H	F	NH-methyl
	amino acid	H	F	NH-ethyl
	amino acid	H	F	NH-acetyl
10	amino acid	H	F	OH
	amino acid	H	F	OMe
	amino acid	H	F	OEt
	amino acid	H	F	O-cyclopropyl
	amino acid	H	F	O-acetyl
	amino acid	H	F	SH
15	amino acid	H	F	SMe
	amino acid	H	F	SEt
	amino acid	H	F	S-cyclopropyl
	amino acid	H	F	F
	amino acid	H	F	Cl
	amino acid	H	F	Br
	amino acid	H	F	I
20	amino acid	acyl	F	H
	amino acid	acyl	F	NH ₂
	amino acid	acyl	F	NH-cyclopropyl
	amino acid	acyl	F	NH-methyl
	amino acid	acyl	F	NH-ethyl
	amino acid	acyl	F	NH-acetyl
25	amino acid	acyl	F	OH
	amino acid	acyl	F	OMe
	amino acid	acyl	F	OEt
	amino acid	acyl	F	O-cyclopropyl
	amino acid	acyl	F	O-acetyl
	amino acid	acyl	F	SH
30	amino acid	acyl	F	SMe
	amino acid	acyl	F	SEt
	amino acid	acyl	F	S-cyclopropyl
	amino acid	acyl	F	F
	amino acid	acyl	F	Cl
	amino acid	acyl	F	Br
35	amino acid	acyl	F	I
	acyl	H	NH ₂	H
	acyl	H	NH ₂	NH ₂
	acyl	H	NH ₂	NH-cyclopropyl
	acyl	H	NH ₂	NH-methyl
	acyl	H	NH ₂	NH-ethyl
	acyl	H	NH ₂	NH-acetyl
40	acyl	H	NH ₂	OH
	acyl	H	NH ₂	OMe
	acyl	H	NH ₂	OEt
	acyl	H	NH ₂	O-cyclopropyl
	acyl	H	NH ₂	O-acetyl
	acyl	H	NH ₂	SH
45	acyl	H	NH ₂	SMe
	acyl	H	NH ₂	SEt
	acyl	H	NH ₂	S-cyclopropyl
	acyl	H	NH ₂	F
	acyl	H	NH ₂	Cl
	acyl	H	NH ₂	Br
50	acyl	H	NH ₂	I
	acyl	acyl	NH ₂	H
	acyl	acyl	NH ₂	NH ₂
	acyl	acyl	NH ₂	NH-cyclopropyl
	acyl	acyl	NH ₂	NH-methyl
	acyl	acyl	NH ₂	NH-ethyl
55	acyl	acyl	NH ₂	NH-acetyl
	acyl	acyl	NH ₂	OH
	acyl	acyl	NH ₂	OMe
	acyl	acyl	NH ₂	OEt
	acyl	acyl	NH ₂	O-cyclopropyl
	acyl	acyl	NH ₂	O-acetyl
	acyl	acyl	NH ₂	SH
60	acyl	acyl	NH ₂	SMe
	acyl	acyl	NH ₂	SEt
	acyl	acyl	NH ₂	S-cyclopropyl
	acyl	acyl	NH ₂	F
	acyl	acyl	NH ₂	Cl
	acyl	acyl	NH ₂	Br
65	acyl	acyl	NH ₂	I
	acyl	amino acid	NH ₂	H

TABLE 7-continued

R ²	R ³	X ¹	X ²	Y
acyl	amino acid	NH ₂	H	NH ₂
acyl	amino acid	NH ₂	H	NH-cyclopropyl
acyl	amino acid	NH ₂	H	NH-methyl
acyl	amino acid	NH ₂	H	NH-ethyl
acyl	amino acid	NH ₂	H	NH-acetyl
acyl	amino acid	NH ₂	H	OH
acyl	amino acid	NH ₂	H	OMe
acyl	amino acid	NH ₂	H	OEt
acyl	amino acid	NH ₂	H	O-cyclopropyl
acyl	amino acid	NH ₂	H	O-acetyl
acyl	amino acid	NH ₂	H	SH
acyl	amino acid	NH ₂	H	SMe
acyl	amino acid	NH ₂	H	SEt
acyl	amino acid	NH ₂	H	S-cyclopropyl
acyl	amino acid	NH ₂	H	F
acyl	amino acid	NH ₂	H	Cl
acyl	amino acid	NH ₂	H	Br
acyl	amino acid	NH ₂	H	I
H	acyl	NH ₂	H	H
H	acyl	NH ₂	H	NH ₂
H	acyl	NH ₂	H	NH-cyclopropyl
H	acyl	NH ₂	H	NH-methyl
H	acyl	NH ₂	H	NH-ethyl
H	acyl	NH ₂	H	NH-acetyl
H	acyl	NH ₂	H	OH
H	acyl	NH ₂	H	OMe
H	acyl	NH ₂	H	OEt
H	acyl	NH ₂	H	O-cyclopropyl
H	acyl	NH ₂	H	O-acetyl
H	acyl	NH ₂	H	SH
H	acyl	NH ₂	H	SMe
H	acyl	NH ₂	H	SEt
H	acyl	NH ₂	H	S-cyclopropyl
H	acyl	NH ₂	H	F
H	acyl	NH ₂	H	Cl
H	acyl	NH ₂	H	Br
H	acyl	NH ₂	H	I
H	amino acid	NH ₂	H	H
H	amino acid	NH ₂	H	NH ₂
H	amino acid	NH ₂	H	NH-cyclopropyl
H	amino acid	NH ₂	H	NH-methyl
H	amino acid	NH ₂	H	NH-ethyl
H	amino acid	NH ₂	H	NH-acetyl
H	amino acid	NH ₂	H	OH
H	amino acid	NH ₂	H	OMe
H	amino acid	NH ₂	H	OEt
H	amino acid	NH ₂	H	O-cyclopropyl
H	amino acid	NH ₂	H	O-acetyl
H	amino acid	NH ₂	H	SH
H	amino acid	NH ₂	H	SMe
H	amino acid	NH ₂	H	SEt
H	amino acid	NH ₂	H	S-cyclopropyl
H	amino acid	NH ₂	H	F
H	amino acid	NH ₂	H	Cl
H	amino acid	NH ₂	H	Br
H	amino acid	NH ₂	H	I
amino acid	amino acid	NH ₂	H	H
amino acid	amino acid	NH ₂	H	NH ₂
amino acid	amino acid	NH ₂	H	NH-cyclopropyl
amino acid	amino acid	NH ₂	H	NH-methyl
amino acid	amino acid	NH ₂	H	NH-ethyl
amino acid	amino acid	NH ₂	H	NH-acetyl
amino acid	amino acid	NH ₂	H	OH
amino acid	amino acid	NH ₂	H	OMe
amino acid	amino acid	NH ₂	H	OEt
amino acid	amino acid	NH ₂	H	O-cyclopropyl
amino acid	amino acid	NH ₂	H	O-acetyl
amino acid	amino acid	NH ₂	H	SH
amino acid	amino acid	NH ₂	H	SMe
amino acid	amino acid	NH ₂	H	SEt
amino acid	amino acid	NH ₂	H	S-cyclopropyl
amino acid	amino acid	NH ₂	H	F
amino acid	amino acid	NH ₂	H	Cl
amino acid	amino acid	NH ₂	H	Br
amino acid	amino acid	NH ₂	H	I
amino acid	H	NH ₂	H	H
amino acid	H	NH ₂	H	NH ₂

TABLE 7-continued

	R ²	R ³	X ¹	X ²	Y
5	amino acid	H	NH ₂	H	NH-cyclopropyl
	amino acid	H	NH ₂	H	NH-methyl
	amino acid	H	NH ₂	H	NH-ethyl
	amino acid	H	NH ₂	H	NH-acetyl
	amino acid	H	NH ₂	H	OH
	amino acid	H	NH ₂	H	OMe
10	amino acid	H	NH ₂	H	OEt
	amino acid	H	NH ₂	H	O-cyclopropyl
	amino acid	H	NH ₂	H	O-acetyl
	amino acid	H	NH ₂	H	SH
	amino acid	H	NH ₂	H	SMe
	amino acid	H	NH ₂	H	SEt
15	amino acid	H	NH ₂	H	S-cyclopropyl
	amino acid	H	NH ₂	H	F
	amino acid	H	NH ₂	H	Cl
	amino acid	H	NH ₂	H	Br
	amino acid	H	NH ₂	H	I
	amino acid	acyl	NH ₂	H	H
20	amino acid	acyl	NH ₂	H	NH ₂
	amino acid	acyl	NH ₂	H	NH-cyclopropyl
	amino acid	acyl	NH ₂	H	NH-methyl
	amino acid	acyl	NH ₂	H	NH-ethyl
	amino acid	acyl	NH ₂	H	NH-acetyl
	amino acid	acyl	NH ₂	H	OH
25	amino acid	acyl	NH ₂	H	OMe
	amino acid	acyl	NH ₂	H	OEt
	amino acid	acyl	NH ₂	H	O-cyclopropyl
	amino acid	acyl	NH ₂	H	O-acetyl
	amino acid	acyl	NH ₂	H	SH
	amino acid	acyl	NH ₂	H	SMe
	amino acid	acyl	NH ₂	H	SEt
30	amino acid	acyl	NH ₂	H	S-cyclopropyl
	amino acid	acyl	NH ₂	H	F
	amino acid	acyl	NH ₂	H	Cl
	amino acid	acyl	NH ₂	H	Br
	amino acid	acyl	NH ₂	H	I
	acyl	H	SH	H	H
35	acyl	H	SH	H	NH ₂
	acyl	H	SH	H	NH-cyclopropyl
	acyl	H	SH	H	NH-methyl
	acyl	H	SH	H	NH-ethyl
	acyl	H	SH	H	NH-acetyl
	acyl	H	SH	H	OH
40	acyl	H	SH	H	OMe
	acyl	H	SH	H	OEt
	acyl	H	SH	H	O-cyclopropyl
	acyl	H	SH	H	O-acetyl
	acyl	H	SH	H	SH
	acyl	H	SH	H	SMe
	acyl	H	SH	H	SEt
45	acyl	H	SH	H	S-cyclopropyl
	acyl	H	SH	H	F
	acyl	H	SH	H	Cl
	acyl	H	SH	H	Br
	acyl	H	SH	H	I
	acyl	acyl	SH	H	H
50	acyl	acyl	SH	H	NH ₂
	acyl	acyl	SH	H	NH-cyclopropyl
	acyl	acyl	SH	H	NH-methyl
	acyl	acyl	SH	H	NH-ethyl
	acyl	acyl	SH	H	NH-acetyl
	acyl	acyl	SH	H	OH
55	acyl	acyl	SH	H	OMe
	acyl	acyl	SH	H	OEt
	acyl	acyl	SH	H	O-cyclopropyl
	acyl	acyl	SH	H	O-acetyl
	acyl	acyl	SH	H	SH
	acyl	acyl	SH	H	SMe
	acyl	acyl	SH	H	SEt
60	acyl	acyl	SH	H	S-cyclopropyl
	acyl	acyl	SH	H	F
	acyl	acyl	SH	H	Cl
	acyl	acyl	SH	H	Br
	acyl	acyl	SH	H	I
	acyl	amino acid	SH	H	H
65	acyl	amino acid	SH	H	NH ₂
	acyl	amino acid	SH	H	NH-cyclopropyl

TABLE 7-continued

R ²	R ³	X ¹	X ²	Y
acyl	amino acid	SH	H	NH-methyl
acyl	amino acid	SH	H	NH-ethyl
acyl	amino acid	SH	H	NH-acetyl
acyl	amino acid	SH	H	OH
acyl	amino acid	SH	H	OMe
acyl	amino acid	SH	H	OEt
acyl	amino acid	SH	H	O-cyclopropyl
acyl	amino acid	SH	H	O-acetyl
acyl	amino acid	SH	H	SMe
acyl	amino acid	SH	H	SEt
acyl	amino acid	SH	H	S-cyclopropyl
acyl	amino acid	SH	H	F
acyl	amino acid	SH	H	Cl
acyl	amino acid	SH	H	Br
acyl	amino acid	SH	H	I
H	acyl	SH	H	H
H	acyl	SH	H	NH ₂
H	acyl	SH	H	NH-cyclopropyl
H	acyl	SH	H	NH-methyl
H	acyl	SH	H	NH-ethyl
H	acyl	SH	H	NH-acetyl
H	acyl	SH	H	OH
H	acyl	SH	H	OMe
H	acyl	SH	H	OEt
H	acyl	SH	H	O-cyclopropyl
H	acyl	SH	H	O-acetyl
H	acyl	SH	H	SMe
H	acyl	SH	H	SEt
H	acyl	SH	H	S-cyclopropyl
H	acyl	SH	H	F
H	acyl	SH	H	Cl
H	acyl	SH	H	Br
H	acyl	SH	H	I
H	amino acid	SH	H	H
H	amino acid	SH	H	NH ₂
H	amino acid	SH	H	NH-cyclopropyl
H	amino acid	SH	H	NH-methyl
H	amino acid	SH	H	NH-ethyl
H	amino acid	SH	H	NH-acetyl
H	amino acid	SH	H	OH
H	amino acid	SH	H	OMe
H	amino acid	SH	H	OEt
H	amino acid	SH	H	O-cyclopropyl
H	amino acid	SH	H	O-acetyl
H	amino acid	SH	H	SMe
H	amino acid	SH	H	SEt
H	amino acid	SH	H	S-cyclopropyl
H	amino acid	SH	H	F
H	amino acid	SH	H	Cl
H	amino acid	SH	H	Br
H	amino acid	SH	H	I
amino acid	amino acid	SH	H	H
amino acid	amino acid	SH	H	NH ₂
amino acid	amino acid	SH	H	NH-cyclopropyl
amino acid	amino acid	SH	H	NH-methyl
amino acid	amino acid	SH	H	NH-ethyl
amino acid	amino acid	SH	H	NH-acetyl
amino acid	amino acid	SH	H	OH
amino acid	amino acid	SH	H	OMe
amino acid	amino acid	SH	H	OEt
amino acid	amino acid	SH	H	O-cyclopropyl
amino acid	amino acid	SH	H	O-acetyl
amino acid	amino acid	SH	H	SMe
amino acid	amino acid	SH	H	SEt
amino acid	amino acid	SH	H	S-cyclopropyl
amino acid	amino acid	SH	H	F
amino acid	amino acid	SH	H	Cl
amino acid	amino acid	SH	H	Br
amino acid	amino acid	SH	H	I
amino acid	H	SH	H	H
amino acid	H	SH	H	NH ₂
amino acid	H	SH	H	NH-cyclopropyl
amino acid	H	SH	H	NH-methyl
amino acid	H	SH	H	NH-ethyl

TABLE 7-continued

	R ²	R ³	X ¹	X ²	Y
5	amino acid	H	SH	H	NH-ethyl
	amino acid	H	SH	H	NH-acetyl
	amino acid	H	SH	H	OH
	amino acid	H	SH	H	OMe
	amino acid	H	SH	H	OEt
	amino acid	H	SH	H	O-cyclopropyl
10	amino acid	H	SH	H	O-acetyl
	amino acid	H	SH	H	SMe
	amino acid	H	SH	H	SEt
	amino acid	H	SH	H	S-cyclopropyl
	amino acid	H	SH	H	F
	amino acid	H	SH	H	Cl
15	amino acid	H	SH	H	Br
	amino acid	H	SH	H	I
	amino acid	acyl	SH	H	H
	amino acid	acyl	SH	H	NH ₂
	amino acid	acyl	SH	H	NH-cyclopropyl
	amino acid	acyl	SH	H	NH-methyl
20	amino acid	acyl	SH	H	NH-ethyl
	amino acid	acyl	SH	H	NH-acetyl
	amino acid	acyl	SH	H	OH
	amino acid	acyl	SH	H	OMe
	amino acid	acyl	SH	H	OEt
	amino acid	acyl	SH	H	O-cyclopropyl
25	amino acid	acyl	SH	H	O-acetyl
	amino acid	acyl	SH	H	SMe
	amino acid	acyl	SH	H	SEt
	amino acid	acyl	SH	H	S-cyclopropyl
	amino acid	acyl	SH	H	F
	amino acid	acyl	SH	H	Cl
30	amino acid	acyl	SH	H	Br
	amino acid	acyl	SH	H	I
	acyl	H	OH	H	H
	acyl	H	OH	H	NH ₂
	acyl	H	OH	H	NH-cyclopropyl
	acyl	H	OH	H	NH-methyl
35	acyl	H	OH	H	NH-ethyl
	acyl	H	OH	H	NH-acetyl
	acyl	H	OH	H	OH
	acyl	H	OH	H	OMe
	acyl	H	OH	H	OEt
	acyl	H	OH	H	O-cyclopropyl
40	acyl	H	OH	H	O-acetyl
	acyl	H	OH	H	SMe
	acyl	H	OH	H	SEt
	acyl	H	OH	H	S-cyclopropyl
	acyl	H	OH	H	F
	acyl	H	OH	H	Cl
45	acyl	H	OH	H	Br
	acyl	H	OH	H	I
	acyl	acyl	OH	H	H
	acyl	acyl	OH	H	NH ₂
	acyl	acyl	OH	H	NH-cyclopropyl
	acyl	acyl	OH	H	NH-methyl
50	acyl	acyl	OH	H	NH-ethyl
	acyl	acyl	OH	H	NH-acetyl
	acyl	acyl	OH	H	OH
	acyl	acyl	OH	H	OMe
	acyl	acyl	OH	H	OEt
	acyl	acyl	OH	H	O-cyclopropyl
55	acyl	acyl	OH	H	O-acetyl
	acyl	acyl	OH	H	SMe
	acyl	acyl	OH	H	SEt
	acyl	acyl	OH	H	S-cyclopropyl
	acyl	acyl	OH	H	F
	acyl	acyl	OH	H	Cl
60	acyl	acyl	OH	H	Br
	acyl	acyl	OH	H	I
	acyl	amino acid	OH	H	H
	acyl	amino acid	OH	H	NH ₂
	acyl	amino acid	OH	H	NH-cyclopropyl
	acyl	amino acid	OH	H	NH-methyl
65	acyl	amino acid	OH	H	NH-ethyl

TABLE 7-continued

	R ²	R ³	X ¹	X ²	Y
5	amino acid	H	OH	H	OH
	amino acid	H	OH	H	OMe
	amino acid	H	OH	H	OEt
	amino acid	H	OH	H	O-cyclopropyl
	amino acid	H	OH	H	O-acetyl
	amino acid	H	OH	H	SH
10	amino acid	H	OH	H	SMe
	amino acid	H	OH	H	SEt
	amino acid	H	OH	H	S-cyclopropyl
	amino acid	H	OH	H	F
	amino acid	H	OH	H	Cl
	amino acid	H	OH	H	Br
15	amino acid	H	OH	H	I
	amino acid	acyl	OH	H	H
	amino acid	acyl	OH	H	NH ₂
	amino acid	acyl	OH	H	NH-cyclopropyl
	amino acid	acyl	OH	H	NH-methyl
	amino acid	acyl	OH	H	NH-ethyl
20	amino acid	acyl	OH	H	NH-acetyl
	amino acid	acyl	OH	H	OH
	amino acid	acyl	OH	H	OMe
	amino acid	acyl	OH	H	OEt
	amino acid	acyl	OH	H	O-cyclopropyl
	amino acid	acyl	OH	H	O-acetyl
25	amino acid	acyl	OH	H	SH
	amino acid	acyl	OH	H	SMe
	amino acid	acyl	OH	H	SEt
	amino acid	acyl	OH	H	S-cyclopropyl
	amino acid	acyl	OH	H	F
	amino acid	acyl	OH	H	Cl
30	amino acid	acyl	OH	H	Br
	amino acid	acyl	OH	H	I

35	R ₂	R ₃	X ¹	X ²	Y
	acyl	H	CH ₃	Br	H
	acyl	H	CH ₃	Br	NH ₂
	acyl	H	CH ₃	Br	NH-cyclopropyl
40	acyl	H	CH ₃	Br	NH-methyl
	acyl	H	CH ₃	Br	NH-ethyl
	acyl	H	CH ₃	Br	NH-acetyl
	acyl	H	CH ₃	Br	OH
	acyl	H	CH ₃	Br	OMe
	acyl	H	CH ₃	Br	OEt
45	acyl	H	CH ₃	Br	O-cyclopropyl
	acyl	H	CH ₃	Br	O-acetyl
	acyl	H	CH ₃	Br	SH
	acyl	H	CH ₃	Br	SMe
	acyl	H	CH ₃	Br	SEt
	acyl	H	CH ₃	Br	S-cyclopropyl
	acyl	H	CH ₃	Br	F
50	acyl	H	CH ₃	Br	Cl
	acyl	H	CH ₃	Br	Br
	acyl	H	CH ₃	Br	I
	acyl	acyl	CH ₃	Br	H
	acyl	acyl	CH ₃	Br	NH ₂
55	acyl	acyl	CH ₃	Br	NH-cyclopropyl
	acyl	acyl	CH ₃	Br	NH-methyl
	acyl	acyl	CH ₃	Br	NH-ethyl
	acyl	acyl	CH ₃	Br	NH-acetyl
	acyl	acyl	CH ₃	Br	OH
	acyl	acyl	CH ₃	Br	OMe
	acyl	acyl	CH ₃	Br	OEt
60	acyl	acyl	CH ₃	Br	O-cyclopropyl
	acyl	acyl	CH ₃	Br	O-acetyl
	acyl	acyl	CH ₃	Br	SH
	acyl	acyl	CH ₃	Br	SMe
	acyl	acyl	CH ₃	Br	SEt
	acyl	acyl	CH ₃	Br	S-cyclopropyl
	acyl	acyl	CH ₃	Br	F
65	acyl	acyl	CH ₃	Br	Cl
	acyl	acyl	CH ₃	Br	Br

TABLE 8-continued

R ₂	R ₃	X ¹	X ²	Y
acyl	acyl	CH ₃	Br	I
acyl	amino acid	CH ₃	Br	H
acyl	amino acid	CH ₃	Br	NH ₂
acyl	amino acid	CH ₃	Br	NH-cyclopropyl
acyl	amino acid	CH ₃	Br	NH-methyl
acyl	amino acid	CH ₃	Br	NH-ethyl
acyl	amino acid	CH ₃	Br	NH-acetyl
acyl	amino acid	CH ₃	Br	OH
acyl	amino acid	CH ₃	Br	OMe
acyl	amino acid	CH ₃	Br	OEt
acyl	amino acid	CH ₃	Br	O-cyclopropyl
acyl	amino acid	CH ₃	Br	O-acetyl
acyl	amino acid	CH ₃	Br	SH
acyl	amino acid	CH ₃	Br	SMe
acyl	amino acid	CH ₃	Br	SEt
acyl	amino acid	CH ₃	Br	S-cyclopropyl
acyl	amino acid	CH ₃	Br	F
acyl	amino acid	CH ₃	Br	Cl
acyl	amino acid	CH ₃	Br	Br
acyl	amino acid	CH ₃	Br	I
acyl	amino acid	CH ₃	Br	H
H	acyl	CH ₃	Br	H
H	acyl	CH ₃	Br	NH ₂
H	acyl	CH ₃	Br	NH-cyclopropyl
H	acyl	CH ₃	Br	NH-methyl
H	acyl	CH ₃	Br	NH-ethyl
H	acyl	CH ₃	Br	NH-acetyl
H	acyl	CH ₃	Br	OH
H	acyl	CH ₃	Br	OMe
H	acyl	CH ₃	Br	OEt
H	acyl	CH ₃	Br	O-cyclopropyl
H	acyl	CH ₃	Br	O-acetyl
H	acyl	CH ₃	Br	SH
H	acyl	CH ₃	Br	SMe
H	acyl	CH ₃	Br	SEt
H	acyl	CH ₃	Br	S-cyclopropyl
H	acyl	CH ₃	Br	F
H	acyl	CH ₃	Br	Cl
H	acyl	CH ₃	Br	Br
H	acyl	CH ₃	Br	I
H	acyl	CH ₃	Br	H
H	amino acid	CH ₃	Br	H
H	amino acid	CH ₃	Br	NH ₂
H	amino acid	CH ₃	Br	NH-cyclopropyl
H	amino acid	CH ₃	Br	NH-methyl
H	amino acid	CH ₃	Br	NH-ethyl
H	amino acid	CH ₃	Br	NH-acetyl
H	amino acid	CH ₃	Br	OH
H	amino acid	CH ₃	Br	OMe
H	amino acid	CH ₃	Br	OEt
H	amino acid	CH ₃	Br	O-cyclopropyl
H	amino acid	CH ₃	Br	O-acetyl
H	amino acid	CH ₃	Br	SH
H	amino acid	CH ₃	Br	SMe
H	amino acid	CH ₃	Br	SEt
H	amino acid	CH ₃	Br	S-cyclopropyl
H	amino acid	CH ₃	Br	F
H	amino acid	CH ₃	Br	Cl
H	amino acid	CH ₃	Br	Br
H	amino acid	CH ₃	Br	I
H	amino acid	CH ₃	Br	H
amino acid	amino acid	CH ₃	Br	H
amino acid	amino acid	CH ₃	Br	NH ₂
amino acid	amino acid	CH ₃	Br	NH-cyclopropyl
amino acid	amino acid	CH ₃	Br	NH-methyl
amino acid	amino acid	CH ₃	Br	NH-ethyl
amino acid	amino acid	CH ₃	Br	NH-acetyl
amino acid	amino acid	CH ₃	Br	OH
amino acid	amino acid	CH ₃	Br	OMe
amino acid	amino acid	CH ₃	Br	OEt
amino acid	amino acid	CH ₃	Br	O-cyclopropyl
amino acid	amino acid	CH ₃	Br	O-acetyl
amino acid	amino acid	CH ₃	Br	SH
amino acid	amino acid	CH ₃	Br	SMe
amino acid	amino acid	CH ₃	Br	SEt
amino acid	amino acid	CH ₃	Br	S-cyclopropyl
amino acid	amino acid	CH ₃	Br	F
amino acid	amino acid	CH ₃	Br	Cl
amino acid	amino acid	CH ₃	Br	Br
amino acid	amino acid	CH ₃	Br	I
amino acid	amino acid	CH ₃	Br	H

TABLE 8-continued

R ₂		R ₃	X ¹	X ²	Y
5	amino acid	H	CH ₃	Br	H
	amino acid	H	CH ₃	Br	NH ₂
	amino acid	H	CH ₃	Br	NH-cyclopropyl
	amino acid	H	CH ₃	Br	NH-methyl
	amino acid	H	CH ₃	Br	NH-ethyl
	amino acid	H	CH ₃	Br	NH-acetyl
10	amino acid	H	CH ₃	Br	OH
	amino acid	H	CH ₃	Br	OMe
	amino acid	H	CH ₃	Br	OEt
	amino acid	H	CH ₃	Br	O-cyclopropyl
	amino acid	H	CH ₃	Br	O-acetyl
	amino acid	H	CH ₃	Br	SH
15	amino acid	H	CH ₃	Br	SMe
	amino acid	H	CH ₃	Br	SEt
	amino acid	H	CH ₃	Br	S-cyclopropyl
	amino acid	H	CH ₃	Br	F
	amino acid	H	CH ₃	Br	Cl
	amino acid	H	CH ₃	Br	Br
	amino acid	H	CH ₃	Br	I
20	amino acid	acyl	CH ₃	Br	H
	amino acid	acyl	CH ₃	Br	NH ₂
	amino acid	acyl	CH ₃	Br	NH-cyclopropyl
	amino acid	acyl	CH ₃	Br	NH-methyl
	amino acid	acyl	CH ₃	Br	NH-ethyl
	amino acid	acyl	CH ₃	Br	NH-acetyl
25	amino acid	acyl	CH ₃	Br	OH
	amino acid	acyl	CH ₃	Br	OMe
	amino acid	acyl	CH ₃	Br	OEt
	amino acid	acyl	CH ₃	Br	O-cyclopropyl
	amino acid	acyl	CH ₃	Br	O-acetyl
	amino acid	acyl	CH ₃	Br	SH
30	amino acid	acyl	CH ₃	Br	SMe
	amino acid	acyl	CH ₃	Br	SEt
	amino acid	acyl	CH ₃	Br	S-cyclopropyl
	amino acid	acyl	CH ₃	Br	F
	amino acid	acyl	CH ₃	Br	Cl
	amino acid	acyl	CH ₃	Br	Br
	amino acid	acyl	CH ₃	Br	I
35	acyl	H	CF ₃	Br	H
	acyl	H	CF ₃	Br	NH ₂
	acyl	H	CF ₃	Br	NH-cyclopropyl
	acyl	H	CF ₃	Br	NH-methyl
	acyl	H	CF ₃	Br	NH-ethyl
	acyl	H	CF ₃	Br	NH-acetyl
40	acyl	H	CF ₃	Br	OH
	acyl	H	CF ₃	Br	OMe
	acyl	H	CF ₃	Br	OEt
	acyl	H	CF ₃	Br	O-cyclopropyl
	acyl	H	CF ₃	Br	O-acetyl
	acyl	H	CF ₃	Br	SH
45	acyl	H	CF ₃	Br	SMe
	acyl	H	CF ₃	Br	SEt
	acyl	H	CF ₃	Br	S-cyclopropyl
	acyl	H	CF ₃	Br	F
	acyl	H	CF ₃	Br	Cl
	acyl	H	CF ₃	Br	Br
50	acyl	H	CF ₃	Br	I
	acyl	acyl	CF ₃	Br	H
	acyl	acyl	CF ₃	Br	NH ₂
	acyl	acyl	CF ₃	Br	NH-cyclopropyl
	acyl	acyl	CF ₃	Br	NH-methyl
	acyl	acyl	CF ₃	Br	NH-ethyl
55	acyl	acyl	CF ₃	Br	NH-acetyl
	acyl	acyl	CF ₃	Br	OH
	acyl	acyl	CF ₃	Br	OMe
	acyl	acyl	CF ₃	Br	OEt
	acyl	acyl	CF ₃	Br	O-cyclopropyl
	acyl	acyl	CF ₃	Br	O-acetyl
60	acyl	acyl	CF ₃	Br	SH
	acyl	acyl	CF ₃	Br	SMe
	acyl	acyl	CF ₃	Br	SEt
	acyl	acyl	CF ₃	Br	S-cyclopropyl
	acyl	acyl	CF ₃	Br	F
	acyl	acyl	CF ₃	Br	Cl
	acyl	acyl	CF ₃	Br	Br
65	acyl	acyl	CF ₃	Br	I
	acyl	amino acid	CF ₃	Br	H

TABLE 8-continued

R ₂	R ₃	X ¹	X ²	Y
acyl	amino acid	CF ₃	Br	NH ₂
acyl	amino acid	CF ₃	Br	NH-cyclopropyl
acyl	amino acid	CF ₃	Br	NH-methyl
acyl	amino acid	CF ₃	Br	NH-ethyl
acyl	amino acid	CF ₃	Br	NH-acetyl
acyl	amino acid	CF ₃	Br	OH
acyl	amino acid	CF ₃	Br	OMe
acyl	amino acid	CF ₃	Br	OEt
acyl	amino acid	CF ₃	Br	O-cyclopropyl
acyl	amino acid	CF ₃	Br	O-acetyl
acyl	amino acid	CF ₃	Br	SH
acyl	amino acid	CF ₃	Br	SMe
acyl	amino acid	CF ₃	Br	SEt
acyl	amino acid	CF ₃	Br	S-cyclopropyl
acyl	amino acid	CF ₃	Br	F
acyl	amino acid	CF ₃	Br	Cl
acyl	amino acid	CF ₃	Br	I
acyl	amino acid	CF ₃	Br	H
H	acyl	CF ₃	Br	NH ₂
H	acyl	CF ₃	Br	NH-cyclopropyl
H	acyl	CF ₃	Br	NH-methyl
H	acyl	CF ₃	Br	NH-ethyl
H	acyl	CF ₃	Br	NH-acetyl
H	acyl	CF ₃	Br	OH
H	acyl	CF ₃	Br	OMe
H	acyl	CF ₃	Br	OEt
H	acyl	CF ₃	Br	O-cyclopropyl
H	acyl	CF ₃	Br	O-acetyl
H	acyl	CF ₃	Br	SH
H	acyl	CF ₃	Br	SMe
H	acyl	CF ₃	Br	SEt
H	acyl	CF ₃	Br	S-cyclopropyl
H	acyl	CF ₃	Br	F
H	acyl	CF ₃	Br	Cl
H	acyl	CF ₃	Br	Br
H	acyl	CF ₃	Br	I
H	acyl	CF ₃	Br	H
H	amino acid	CF ₃	Br	H
H	amino acid	CF ₃	Br	NH ₂
H	amino acid	CF ₃	Br	NH-cyclopropyl
H	amino acid	CF ₃	Br	NH-methyl
H	amino acid	CF ₃	Br	NH-ethyl
H	amino acid	CF ₃	Br	NH-acetyl
H	amino acid	CF ₃	Br	OH
H	amino acid	CF ₃	Br	OMe
H	amino acid	CF ₃	Br	OEt
H	amino acid	CF ₃	Br	O-cyclopropyl
H	amino acid	CF ₃	Br	O-acetyl
H	amino acid	CF ₃	Br	SH
H	amino acid	CF ₃	Br	SMe
H	amino acid	CF ₃	Br	SEt
H	amino acid	CF ₃	Br	S-cyclopropyl
H	amino acid	CF ₃	Br	F
H	amino acid	CF ₃	Br	Cl
H	amino acid	CF ₃	Br	Br
H	amino acid	CF ₃	Br	I
H	amino acid	CF ₃	Br	H
amino acid	amino acid	CF ₃	Br	NH ₂
amino acid	amino acid	CF ₃	Br	NH-cyclopropyl
amino acid	amino acid	CF ₃	Br	NH-methyl
amino acid	amino acid	CF ₃	Br	NH-ethyl
amino acid	amino acid	CF ₃	Br	NH-acetyl
amino acid	amino acid	CF ₃	Br	OH
amino acid	amino acid	CF ₃	Br	OMe
amino acid	amino acid	CF ₃	Br	OEt
amino acid	amino acid	CF ₃	Br	O-cyclopropyl
amino acid	amino acid	CF ₃	Br	O-acetyl
amino acid	amino acid	CF ₃	Br	SH
amino acid	amino acid	CF ₃	Br	SMe
amino acid	amino acid	CF ₃	Br	SEt
amino acid	amino acid	CF ₃	Br	S-cyclopropyl
amino acid	amino acid	CF ₃	Br	F
amino acid	amino acid	CF ₃	Br	Cl
amino acid	amino acid	CF ₃	Br	Br
amino acid	amino acid	CF ₃	Br	I
amino acid	amino acid	CF ₃	Br	H
amino acid	H	CF ₃	Br	NH ₂
amino acid	H	CF ₃	Br	NH-cyclopropyl

TABLE 8-continued

R ₂	R ₃	X ¹	X ²	Y	
5	amino acid	H	CF ₃	Br	NH-cyclopropyl
	amino acid	H	CF ₃	Br	NH-methyl
	amino acid	H	CF ₃	Br	NH-ethyl
	amino acid	H	CF ₃	Br	NH-acetyl
	amino acid	H	CF ₃	Br	OH
	amino acid	H	CF ₃	Br	OMe
10	amino acid	H	CF ₃	Br	OEt
	amino acid	H	CF ₃	Br	O-cyclopropyl
	amino acid	H	CF ₃	Br	O-acetyl
	amino acid	H	CF ₃	Br	SH
	amino acid	H	CF ₃	Br	SMe
	amino acid	H	CF ₃	Br	SEt
15	amino acid	H	CF ₃	Br	S-cyclopropyl
	amino acid	H	CF ₃	Br	F
	amino acid	H	CF ₃	Br	Cl
	amino acid	H	CF ₃	Br	Br
	amino acid	H	CF ₃	Br	I
	amino acid	acyl	CF ₃	Br	H
20	amino acid	acyl	CF ₃	Br	NH ₂
	amino acid	acyl	CF ₃	Br	NH-cyclopropyl
	amino acid	acyl	CF ₃	Br	NH-methyl
	amino acid	acyl	CF ₃	Br	NH-ethyl
	amino acid	acyl	CF ₃	Br	NH-acetyl
	amino acid	acyl	CF ₃	Br	OH
25	amino acid	acyl	CF ₃	Br	OMe
	amino acid	acyl	CF ₃	Br	OEt
	amino acid	acyl	CF ₃	Br	O-cyclopropyl
	amino acid	acyl	CF ₃	Br	O-acetyl
	amino acid	acyl	CF ₃	Br	SH
	amino acid	acyl	CF ₃	Br	SMe
30	amino acid	acyl	CF ₃	Br	SEt
	amino acid	acyl	CF ₃	Br	S-cyclopropyl
	amino acid	acyl	CF ₃	Br	F
	amino acid	acyl	CF ₃	Br	Cl
	amino acid	acyl	CF ₃	Br	Br
	amino acid	acyl	CF ₃	Br	I
35	acyl	H	Br	Br	H
	acyl	H	Br	Br	NH ₂
	acyl	H	Br	Br	NH-cyclopropyl
	acyl	H	Br	Br	NH-methyl
	acyl	H	Br	Br	NH-ethyl
	acyl	H	Br	Br	NH-acetyl
40	acyl	H	Br	Br	OH
	acyl	H	Br	Br	OMe
	acyl	H	Br	Br	OEt
	acyl	H	Br	Br	O-cyclopropyl
	acyl	H	Br	Br	O-acetyl
	acyl	H	Br	Br	SH
45	acyl	H	Br	Br	SMe
	acyl	H	Br	Br	SEt
	acyl	H	Br	Br	S-cyclopropyl
	acyl	H	Br	Br	F
	acyl	H	Br	Br	Cl
	acyl	H	Br	Br	Br
50	acyl	H	Br	Br	I
	acyl	acyl	Br	Br	H
	acyl	acyl	Br	Br	NH ₂
	acyl	acyl	Br	Br	NH-cyclopropyl
	acyl	acyl	Br	Br	NH-methyl
	acyl	acyl	Br	Br	NH-ethyl
55	acyl	acyl	Br	Br	NH-acetyl
	acyl	acyl	Br	Br	OH
	acyl	acyl	Br	Br	OMe
	acyl	acyl	Br	Br	OEt
	acyl	acyl	Br	Br	O-cyclopropyl
	acyl	acyl	Br	Br	O-acetyl
60	acyl	acyl	Br	Br	SH
	acyl	acyl	Br	Br	SMe
	acyl	acyl	Br	Br	SEt
	acyl	acyl	Br	Br	S-cyclopropyl
	acyl	acyl	Br	Br	F
	acyl	acyl	Br	Br	Cl
65	acyl	acyl	Br	Br	Br
	acyl	acyl	Br	Br	I
	acyl	amino acid	Br	Br	H
	acyl	amino acid	Br	Br	NH ₂
	acyl	amino acid	Br	Br	NH-cyclopropyl

TABLE 8-continued

	R ₂	R ₃	X ¹	X ²	Y
5	amino acid	H	Br	Br	NH-ethyl
	amino acid	H	Br	Br	NH-acetyl
	amino acid	H	Br	Br	OH
	amino acid	H	Br	Br	OMe
	amino acid	H	Br	Br	OFt
	amino acid	H	Br	Br	O-cyclopropyl
10	amino acid	H	Br	Br	O-acetyl
	amino acid	H	Br	Br	SH
	amino acid	H	Br	Br	SMe
	amino acid	H	Br	Br	SEt
	amino acid	H	Br	Br	S-cyclopropyl
	amino acid	H	Br	Br	F
15	amino acid	H	Br	Br	Cl
	amino acid	H	Br	Br	Br
	amino acid	H	Br	Br	I
	amino acid	acyl	Br	Br	H
	amino acid	acyl	Br	Br	NH ₂
	amino acid	acyl	Br	Br	NH-cyclopropyl
20	amino acid	acyl	Br	Br	NH-methyl
	amino acid	acyl	Br	Br	NH-ethyl
	amino acid	acyl	Br	Br	NH-acetyl
	amino acid	acyl	Br	Br	OH
	amino acid	acyl	Br	Br	OMe
	amino acid	acyl	Br	Br	OEt
	amino acid	acyl	Br	Br	O-cyclopropyl
	amino acid	acyl	Br	Br	O-acetyl
	amino acid	acyl	Br	Br	SH
	amino acid	acyl	Br	Br	SMe
	amino acid	acyl	Br	Br	SEt
	amino acid	acyl	Br	Br	S-cyclopropyl
	amino acid	acyl	Br	Br	F
30	amino acid	acyl	Br	Br	Cl
	amino acid	acyl	Br	Br	Br
	amino acid	acyl	Br	Br	I
	acyl	H	Cl	Br	H
	acyl	H	Cl	Br	NH ₂
	acyl	H	Cl	Br	NH-cyclopropyl
35	acyl	H	Cl	Br	NH-methyl
	acyl	H	Cl	Br	NH-ethyl
	acyl	H	Cl	Br	NH-acetyl
	acyl	H	Cl	Br	OH
	acyl	H	Cl	Br	OMe
	acyl	H	Cl	Br	OEt
	acyl	H	Cl	Br	O-cyclopropyl
	acyl	H	Cl	Br	O-acetyl
	acyl	H	Cl	Br	SH
	acyl	H	Cl	Br	SMe
	acyl	H	Cl	Br	SEt
	acyl	H	Cl	Br	S-cyclopropyl
	acyl	H	Cl	Br	F
45	acyl	H	Cl	Br	Cl
	acyl	H	Cl	Br	Br
	acyl	H	Cl	Br	I
	acyl	acyl	Cl	Br	H
	acyl	acyl	Cl	Br	NH ₂
	acyl	acyl	Cl	Br	NH-cyclopropyl
	acyl	acyl	Cl	Br	NH-methyl
	acyl	acyl	Cl	Br	NH-ethyl
	acyl	acyl	Cl	Br	NH-acetyl
	acyl	acyl	Cl	Br	OH
	acyl	acyl	Cl	Br	OMe
	acyl	acyl	Cl	Br	OEt
	acyl	acyl	Cl	Br	O-cyclopropyl
	acyl	acyl	Cl	Br	O-acetyl
	acyl	acyl	Cl	Br	SH
	acyl	acyl	Cl	Br	SMe
	acyl	acyl	Cl	Br	SEt
	acyl	acyl	Cl	Br	S-cyclopropyl
	acyl	acyl	Cl	Br	F
	acyl	acyl	Cl	Br	Cl
	acyl	acyl	Cl	Br	Br
	acyl	acyl	Cl	Br	I
	acyl	amino acid	Cl	Br	H
	acyl	amino acid	Cl	Br	NH ₂
	acyl	amino acid	Cl	Br	NH-cyclopropyl
	acyl	amino acid	Cl	Br	NH-methyl
	acyl	amino acid	Cl	Br	NH-ethyl

TABLE 8-continued

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TABLE 8-continued

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TABLE 8-continued

R ₂	R ₃	X ¹	X ²	Y
acyl	amino acid	NH ₂	Br	O-cyclopropyl
acyl	amino acid	NH ₂	Br	O-acetyl
acyl	amino acid	NH ₂	Br	SH
acyl	amino acid	NH ₂	Br	SMe
acyl	amino acid	NH ₂	Br	SEt
acyl	amino acid	NH ₂	Br	S-cyclopropyl
acyl	amino acid	NH ₂	Br	F
acyl	amino acid	NH ₂	Br	Cl
acyl	amino acid	NH ₂	Br	Br
acyl	amino acid	NH ₂	Br	I
H	acyl	NH ₂	Br	H
H	acyl	NH ₂	Br	NH ₂
H	acyl	NH ₂	Br	NH-cyclopropyl
H	acyl	NH ₂	Br	NH-methyl
H	acyl	NH ₂	Br	NH-ethyl
H	acyl	NH ₂	Br	NH-acetyl
H	acyl	NH ₂	Br	OH
H	acyl	NH ₂	Br	OMe
H	acyl	NH ₂	Br	OEt
H	acyl	NH ₂	Br	O-cyclopropyl
H	acyl	NH ₂	Br	O-acetyl
H	acyl	NH ₂	Br	SH
H	acyl	NH ₂	Br	SMe
H	acyl	NH ₂	Br	SEt
H	acyl	NH ₂	Br	S-cyclopropyl
H	acyl	NH ₂	Br	F
H	acyl	NH ₂	Br	Cl
H	acyl	NH ₂	Br	Br
H	acyl	NH ₂	Br	I
H	acyl	NH ₂	Br	H
H	amino acid	NH ₂	Br	H
H	amino acid	NH ₂	Br	NH ₂
H	amino acid	NH ₂	Br	NH-cyclopropyl
H	amino acid	NH ₂	Br	NH-methyl
H	amino acid	NH ₂	Br	NH-ethyl
H	amino acid	NH ₂	Br	NH-acetyl
H	amino acid	NH ₂	Br	OH
H	amino acid	NH ₂	Br	OMe
H	amino acid	NH ₂	Br	OEt
H	amino acid	NH ₂	Br	O-cyclopropyl
H	amino acid	NH ₂	Br	O-acetyl
H	amino acid	NH ₂	Br	SH
H	amino acid	NH ₂	Br	SMe
H	amino acid	NH ₂	Br	SEt
H	amino acid	NH ₂	Br	S-cyclopropyl
H	amino acid	NH ₂	Br	F
H	amino acid	NH ₂	Br	Cl
H	amino acid	NH ₂	Br	Br
H	amino acid	NH ₂	Br	I
H	amino acid	NH ₂	Br	H
amino acid	amino acid	NH ₂	Br	NH ₂
amino acid	amino acid	NH ₂	Br	NH-cyclopropyl
amino acid	amino acid	NH ₂	Br	NH-methyl
amino acid	amino acid	NH ₂	Br	NH-ethyl
amino acid	amino acid	NH ₂	Br	NH-acetyl
amino acid	amino acid	NH ₂	Br	OH
amino acid	amino acid	NH ₂	Br	OMe
amino acid	amino acid	NH ₂	Br	OEt
amino acid	amino acid	NH ₂	Br	O-cyclopropyl
amino acid	amino acid	NH ₂	Br	O-acetyl
amino acid	amino acid	NH ₂	Br	SH
amino acid	amino acid	NH ₂	Br	SMe
amino acid	amino acid	NH ₂	Br	SEt
amino acid	amino acid	NH ₂	Br	S-cyclopropyl
amino acid	amino acid	NH ₂	Br	F
amino acid	amino acid	NH ₂	Br	Cl
amino acid	amino acid	NH ₂	Br	Br
amino acid	amino acid	NH ₂	Br	I
amino acid	amino acid	NH ₂	Br	H
amino acid	H	NH ₂	Br	NH ₂
amino acid	H	NH ₂	Br	NH-cyclopropyl
amino acid	H	NH ₂	Br	NH-methyl
amino acid	H	NH ₂	Br	NH-ethyl
amino acid	H	NH ₂	Br	NH-acetyl
amino acid	H	NH ₂	Br	OH
amino acid	H	NH ₂	Br	OMe
amino acid	H	NH ₂	Br	OEt
amino acid	H	NH ₂	Br	O-cyclopropyl
amino acid	H	NH ₂	Br	O-acetyl

TABLE 8-continued

R ₂	R ₃	X ¹	X ²	Y	
5	amino acid	H	NH ₂	Br	O-acetyl
	amino acid	H	NH ₂	Br	SH
	amino acid	H	NH ₂	Br	SMe
	amino acid	H	NH ₂	Br	SEt
	amino acid	H	NH ₂	Br	S-cyclopropyl
	amino acid	H	NH ₂	Br	F
10	amino acid	H	NH ₂	Br	Cl
	amino acid	H	NH ₂	Br	Br
	amino acid	H	NH ₂	Br	I
	amino acid	acyl	NH ₂	Br	H
	amino acid	acyl	NH ₂	Br	NH ₂
	amino acid	acyl	NH ₂	Br	NH-cyclopropyl
15	amino acid	acyl	NH ₂	Br	NH-methyl
	amino acid	acyl	NH ₂	Br	NH-ethyl
	amino acid	acyl	NH ₂	Br	NH-acetyl
	amino acid	acyl	NH ₂	Br	OH
	amino acid	acyl	NH ₂	Br	OMe
	amino acid	acyl	NH ₂	Br	OEt
20	amino acid	acyl	NH ₂	Br	O-cyclopropyl
	amino acid	acyl	NH ₂	Br	O-acetyl
	amino acid	acyl	NH ₂	Br	SH
	amino acid	acyl	NH ₂	Br	SMe
	amino acid	acyl	NH ₂	Br	SEt
	amino acid	acyl	NH ₂	Br	S-cyclopropyl
25	amino acid	acyl	NH ₂	Br	F
	amino acid	acyl	NH ₂	Br	Cl
	amino acid	acyl	NH ₂	Br	Br
	amino acid	acyl	NH ₂	Br	I
	acyl	H	SH	Br	H
	acyl	H	SH	Br	NH ₂
30	acyl	H	SH	Br	NH-cyclopropyl
	acyl	H	SH	Br	NH-methyl
	acyl	H	SH	Br	NH-ethyl
	acyl	H	SH	Br	NH-acetyl
	acyl	H	SH	Br	OH
	acyl	H	SH	Br	OMe
35	acyl	H	SH	Br	OEt
	acyl	H	SH	Br	O-cyclopropyl
	acyl	H	SH	Br	O-acetyl
	acyl	H	SH	Br	SH
	acyl	H	SH	Br	SMe
	acyl	H	SH	Br	SEt
40	acyl	H	SH	Br	S-cyclopropyl
	acyl	H	SH	Br	F
	acyl	H	SH	Br	Cl
	acyl	H	SH	Br	Br
	acyl	H	SH	Br	I
	acyl	acyl	SH	Br	H
45	acyl	acyl	SH	Br	NH ₂
	acyl	acyl	SH	Br	NH-cyclopropyl
	acyl	acyl	SH	Br	NH-methyl
	acyl	acyl	SH	Br	NH-ethyl
	acyl	acyl	SH	Br	NH-acetyl
	acyl	acyl	SH	Br	OH
50	acyl	acyl	SH	Br	OMe
	acyl	acyl	SH	Br	OEt
	acyl	acyl	SH	Br	O-cyclopropyl
	acyl	acyl	SH	Br	O-acetyl
	acyl	acyl	SH	Br	SH
	acyl	acyl	SH	Br	SMe
55	acyl	acyl	SH	Br	SEt
	acyl	acyl	SH	Br	S-cyclopropyl
	acyl	acyl	SH	Br	F
	acyl	acyl	SH	Br	Cl
	acyl	acyl	SH	Br	Br
	acyl	acyl	SH	Br	I
60	acyl	amino acid	SH	Br	H
	acyl	amino acid	SH	Br	NH ₂
	acyl	amino acid	SH	Br	NH-cyclopropyl
	acyl	amino acid	SH	Br	NH-methyl
	acyl	amino acid	SH	Br	NH-ethyl
	acyl	amino acid	SH	Br	NH-acetyl
65	acyl	amino acid	SH	Br	OH
	acyl	amino acid	SH	Br	OMe
	acyl	amino acid	SH	Br	OEt
	acyl	amino acid	SH	Br	O-cyclopropyl
	acyl	amino acid	SH	Br	O-acetyl

TABLE 8-continued

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TABLE 8-continued

R ₂	R ₃	X ¹	X ²	Y
acyl	amino acid	OH	Br	SEt
acyl	amino acid	OH	Br	S-cyclopropyl
acyl	amino acid	OH	Br	F
acyl	amino acid	OH	Br	Cl
acyl	amino acid	OH	Br	Br
acyl	amino acid	OH	Br	I
H	acyl	OH	Br	H
H	acyl	OH	Br	NH ₂
H	acyl	OH	Br	NH-cyclopropyl
H	acyl	OH	Br	NH-methyl
H	acyl	OH	Br	NH-ethyl
H	acyl	OH	Br	NH-acetyl
H	acyl	OH	Br	OMe
H	acyl	OH	Br	OEt
H	acyl	OH	Br	O-cyclopropyl
H	acyl	OH	Br	O-acetyl
H	acyl	OH	Br	SH
H	acyl	OH	Br	SMe
H	acyl	OH	Br	SEt
H	acyl	OH	Br	S-cyclopropyl
H	acyl	OH	Br	F
H	acyl	OH	Br	Cl
H	acyl	OH	Br	Br
H	acyl	OH	Br	I
H	acyl	OH	Br	H
H	amino acid	OH	Br	H
H	amino acid	OH	Br	NH ₂
H	amino acid	OH	Br	NH-cyclopropyl
H	amino acid	OH	Br	NH-methyl
H	amino acid	OH	Br	NH-ethyl
H	amino acid	OH	Br	NH-acetyl
H	amino acid	OH	Br	OMe
H	amino acid	OH	Br	OEt
H	amino acid	OH	Br	O-cyclopropyl
H	amino acid	OH	Br	O-acetyl
H	amino acid	OH	Br	SH
H	amino acid	OH	Br	SMe
H	amino acid	OH	Br	SEt
H	amino acid	OH	Br	S-cyclopropyl
H	amino acid	OH	Br	F
H	amino acid	OH	Br	Cl
H	amino acid	OH	Br	Br
H	amino acid	OH	Br	I
H	amino acid	OH	Br	H
amino acid	amino acid	OH	Br	H
amino acid	amino acid	OH	Br	NH ₂
amino acid	amino acid	OH	Br	NH-cyclopropyl
amino acid	amino acid	OH	Br	NH-methyl
amino acid	amino acid	OH	Br	NH-ethyl
amino acid	amino acid	OH	Br	NH-acetyl
amino acid	amino acid	OH	Br	OMe
amino acid	amino acid	OH	Br	OEt
amino acid	amino acid	OH	Br	O-cyclopropyl
amino acid	amino acid	OH	Br	O-acetyl
amino acid	amino acid	OH	Br	SH
amino acid	amino acid	OH	Br	SMe
amino acid	amino acid	OH	Br	SEt
amino acid	amino acid	OH	Br	S-cyclopropyl
amino acid	amino acid	OH	Br	F
amino acid	amino acid	OH	Br	Cl
amino acid	amino acid	OH	Br	Br
amino acid	amino acid	OH	Br	I
amino acid	amino acid	OH	Br	H
H	OH	Br	H	NH ₂
amino acid	H	OH	Br	NH-cyclopropyl
amino acid	H	OH	Br	NH-methyl
amino acid	H	OH	Br	NH-ethyl
amino acid	H	OH	Br	NH-acetyl
amino acid	H	OH	Br	OMe
amino acid	H	OH	Br	OEt
amino acid	H	OH	Br	O-cyclopropyl
amino acid	H	OH	Br	O-acetyl
amino acid	H	OH	Br	SH
amino acid	H	OH	Br	SMe
amino acid	H	OH	Br	SEt
amino acid	H	OH	Br	S-cyclopropyl
amino acid	H	OH	Br	F
amino acid	H	OH	Br	Cl
amino acid	H	OH	Br	Br
amino acid	H	OH	Br	I
amino acid	H	OH	Br	H

TABLE 8-continued

R ₂	R ₃	X ¹	X ²	Y	
5	amino acid	H	OH	Br	S-cyclopropyl
	amino acid	H	OH	Br	F
	amino acid	H	OH	Br	Cl
	amino acid	H	OH	Br	Br
	amino acid	H	OH	Br	I
	amino acid	acyl	OH	Br	H
10	amino acid	acyl	OH	Br	NH ₂
	amino acid	acyl	OH	Br	NH-cyclopropyl
	amino acid	acyl	OH	Br	NH-methyl
	amino acid	acyl	OH	Br	NH-ethyl
	amino acid	acyl	OH	Br	NH-acetyl
	amino acid	acyl	OH	Br	OMe
15	amino acid	acyl	OH	Br	OEt
	amino acid	acyl	OH	Br	O-cyclopropyl
	amino acid	acyl	OH	Br	O-acetyl
	amino acid	acyl	OH	Br	SH
	amino acid	acyl	OH	Br	SMe
	amino acid	acyl	OH	Br	SEt
20	amino acid	acyl	OH	Br	S-cyclopropyl
	amino acid	acyl	OH	Br	F
	amino acid	acyl	OH	Br	Cl
	amino acid	acyl	OH	Br	Br
	amino acid	acyl	OH	Br	I
	acyl	H	CH ₃	Cl	H
25	acyl	H	CH ₃	Cl	NH ₂
	acyl	H	CH ₃	Cl	NH-cyclopropyl
	acyl	H	CH ₃	Cl	NH-methyl
	acyl	H	CH ₃	Cl	NH-ethyl
	acyl	H	CH ₃	Cl	NH-acetyl
	acyl	H	CH ₃	Cl	OMe
30	acyl	H	CH ₃	Cl	OEt
	acyl	H	CH ₃	Cl	O-cyclopropyl
	acyl	H	CH ₃	Cl	O-acetyl
	acyl	H	CH ₃	Cl	SH
	acyl	H	CH ₃	Cl	SMe
35	acyl	H	CH ₃	Cl	SEt
	acyl	H	CH ₃	Cl	S-cyclopropyl
	acyl	H	CH ₃	Cl	F
	acyl	H	CH ₃	Cl	Cl
	acyl	H	CH ₃	Cl	Br
	acyl	H	CH ₃	Cl	I
	acyl	H	CH ₃	Cl	H
40	acyl	acyl	CH ₃	Cl	NH ₂
	acyl	acyl	CH ₃	Cl	NH-cyclopropyl
	acyl	acyl	CH ₃	Cl	NH-methyl
	acyl	acyl	CH ₃	Cl	NH-ethyl
	acyl	acyl	CH ₃	Cl	NH-acetyl
	acyl	acyl	CH ₃	Cl	OMe
45	acyl	acyl	CH ₃	Cl	OEt
	acyl	acyl	CH ₃	Cl	O-cyclopropyl
	acyl	acyl	CH ₃	Cl	O-acetyl
	acyl	acyl	CH ₃	Cl	SH
	acyl	acyl	CH ₃	Cl	SMe
50	acyl	acyl	CH ₃	Cl	SEt
	acyl	acyl	CH ₃	Cl	S-cyclopropyl
	acyl	acyl	CH ₃	Cl	F
	acyl	acyl	CH ₃	Cl	Cl
	acyl	acyl	CH ₃	Cl	Br
	acyl	acyl	CH ₃	Cl	I
	acyl	acyl	CH ₃	Cl	H
55	acyl	amino acid	CH ₃	Cl	NH ₂
	acyl	amino acid	CH ₃	Cl	NH-cyclopropyl
	acyl	amino acid	CH ₃	Cl	NH-methyl
	acyl	amino acid	CH ₃	Cl	NH-ethyl
	acyl	amino acid	CH ₃	Cl	NH-acetyl
	acyl	amino acid	CH ₃	Cl	OMe
60	acyl	amino acid	CH ₃	Cl	OEt
	acyl	amino acid	CH ₃	Cl	O-cyclopropyl
	acyl	amino acid	CH ₃	Cl	O-acetyl
	acyl	amino acid	CH ₃	Cl	SH
	acyl	amino acid	CH ₃	Cl	SMe
65	acyl	amino acid	CH ₃	Cl	SEt
	acyl	amino acid	CH ₃	Cl	S-cyclopropyl

TABLE 8-continued

R ₂	R ₃	X ¹	X ²	Y
acyl	amino acid	CH ₃	Cl	F
acyl	amino acid	CH ₃	Cl	Cl
acyl	amino acid	CH ₃	Cl	Br
acyl	amino acid	CH ₃	Cl	I
H	acyl	CH ₃	Cl	H
H	acyl	CH ₃	Cl	NH ₂
H	acyl	CH ₃	Cl	NH-cyclopropyl
H	acyl	CH ₃	Cl	NH-methyl
H	acyl	CH ₃	Cl	NH-ethyl
H	acyl	CH ₃	Cl	NH-acetyl
H	acyl	CH ₃	Cl	OH
H	acyl	CH ₃	Cl	OMe
H	acyl	CH ₃	Cl	OEt
H	acyl	CH ₃	Cl	O-cyclopropyl
H	acyl	CH ₃	Cl	O-acetyl
H	acyl	CH ₃	Cl	SH
H	acyl	CH ₃	Cl	SMe
H	acyl	CH ₃	Cl	SEt
H	acyl	CH ₃	Cl	S-cyclopropyl
H	acyl	CH ₃	Cl	F
H	acyl	CH ₃	Cl	Cl
H	acyl	CH ₃	Cl	Br
H	acyl	CH ₃	Cl	I
H	acyl	CH ₃	Cl	H
H	amino acid	CH ₃	Cl	H
H	amino acid	CH ₃	Cl	NH ₂
H	amino acid	CH ₃	Cl	NH-cyclopropyl
H	amino acid	CH ₃	Cl	NH-methyl
H	amino acid	CH ₃	Cl	NH-ethyl
H	amino acid	CH ₃	Cl	NH-acetyl
H	amino acid	CH ₃	Cl	OH
H	amino acid	CH ₃	Cl	OMe
H	amino acid	CH ₃	Cl	OEt
H	amino acid	CH ₃	Cl	O-cyclopropyl
H	amino acid	CH ₃	Cl	O-acetyl
H	amino acid	CH ₃	Cl	SH
H	amino acid	CH ₃	Cl	SMe
H	amino acid	CH ₃	Cl	SEt
H	amino acid	CH ₃	Cl	S-cyclopropyl
H	amino acid	CH ₃	Cl	F
H	amino acid	CH ₃	Cl	Cl
H	amino acid	CH ₃	Cl	Br
H	amino acid	CH ₃	Cl	I
H	amino acid	CH ₃	Cl	H
amino acid	amino acid	CH ₃	Cl	H
amino acid	amino acid	CH ₃	Cl	NH ₂
amino acid	amino acid	CH ₃	Cl	NH-cyclopropyl
amino acid	amino acid	CH ₃	Cl	NH-methyl
amino acid	amino acid	CH ₃	Cl	NH-ethyl
amino acid	amino acid	CH ₃	Cl	NH-acetyl
amino acid	amino acid	CH ₃	Cl	OH
amino acid	amino acid	CH ₃	Cl	OMe
amino acid	amino acid	CH ₃	Cl	OEt
amino acid	amino acid	CH ₃	Cl	O-cyclopropyl
amino acid	amino acid	CH ₃	Cl	O-acetyl
amino acid	amino acid	CH ₃	Cl	SH
amino acid	amino acid	CH ₃	Cl	SMe
amino acid	amino acid	CH ₃	Cl	SEt
amino acid	amino acid	CH ₃	Cl	S-cyclopropyl
amino acid	amino acid	CH ₃	Cl	F
amino acid	amino acid	CH ₃	Cl	Cl
amino acid	amino acid	CH ₃	Cl	Br
amino acid	amino acid	CH ₃	Cl	I
amino acid	amino acid	CH ₃	Cl	H
H	H	CH ₃	Cl	H
amino acid	H	CH ₃	Cl	NH ₂
H	H	CH ₃	Cl	NH-cyclopropyl
amino acid	H	CH ₃	Cl	NH-methyl
amino acid	H	CH ₃	Cl	NH-ethyl
amino acid	H	CH ₃	Cl	NH-acetyl
amino acid	H	CH ₃	Cl	OH
amino acid	H	CH ₃	Cl	OMe
amino acid	H	CH ₃	Cl	OEt
amino acid	H	CH ₃	Cl	O-cyclopropyl
amino acid	H	CH ₃	Cl	O-acetyl
amino acid	H	CH ₃	Cl	SH
amino acid	H	CH ₃	Cl	SMe
amino acid	H	CH ₃	Cl	SEt
amino acid	H	CH ₃	Cl	S-cyclopropyl
amino acid	H	CH ₃	Cl	F
amino acid	H	CH ₃	Cl	Cl

TABLE 8-continued

R ₂	R ₃	X ¹	X ²	Y
5	amino acid	H	CH ₃	Cl
	amino acid	H	CH ₃	Br
	amino acid	H	CH ₃	I
	amino acid	acyl	CH ₃	H
	amino acid	acyl	CH ₃	NH ₂
	amino acid	acyl	CH ₃	NH-cyclopropyl
10	amino acid	acyl	CH ₃	NH-methyl
	amino acid	acyl	CH ₃	NH-ethyl
	amino acid	acyl	CH ₃	NH-acetyl
	amino acid	acyl	CH ₃	OH
	amino acid	acyl	CH ₃	OMe
	amino acid	acyl	CH ₃	OEt
15	amino acid	acyl	CH ₃	O-cyclopropyl
	amino acid	acyl	CH ₃	O-acetyl
	amino acid	acyl	CH ₃	SH
	amino acid	acyl	CH ₃	SMe
	amino acid	acyl	CH ₃	SEt
	amino acid	acyl	CH ₃	S-cyclopropyl
20	amino acid	acyl	CH ₃	F
	amino acid	acyl	CH ₃	Cl
	amino acid	acyl	CH ₃	Br
	amino acid	acyl	CH ₃	I
	acyl	H	CF ₃	H
	acyl	H	CF ₃	NH ₂
25	acyl	H	CF ₃	NH-cyclopropyl
	acyl	H	CF ₃	NH-methyl
	acyl	H	CF ₃	NH-ethyl
	acyl	H	CF ₃	NH-acetyl
	acyl	H	CF ₃	OH
	acyl	H	CF ₃	OMe
	acyl	H	CF ₃	OEt
30	acyl	H	CF ₃	O-cyclopropyl
	acyl	H	CF ₃	O-acetyl
	acyl	H	CF ₃	SH
	acyl	H	CF ₃	SMe
	acyl	H	CF ₃	SEt
	acyl	H	CF ₃	S-cyclopropyl
35	acyl	H	CF ₃	F
	acyl	H	CF ₃	Cl
	acyl	H	CF ₃	Br
	acyl	H	CF ₃	I
	acyl	H	CF ₃	H
	acyl	acyl	CF ₃	NH ₂
40	acyl	acyl	CF ₃	NH-cyclopropyl
	acyl	acyl	CF ₃	NH-methyl
	acyl	acyl	CF ₃	NH-ethyl
	acyl	acyl	CF ₃	NH-acetyl
	acyl	acyl	CF ₃	OH
	acyl	acyl	CF ₃	OMe
45	acyl	acyl	CF ₃	OEt
	acyl	acyl	CF ₃	O-cyclopropyl
	acyl	acyl	CF ₃	O-acetyl
	acyl	acyl	CF ₃	SH
	acyl	acyl	CF ₃	SMe
	acyl	acyl	CF ₃	SEt
	acyl	acyl	CF ₃	S-cyclopropyl
50	acyl	acyl	CF ₃	F
	acyl	acyl	CF ₃	Cl
	acyl	acyl	CF ₃	Br
	acyl	acyl	CF ₃	I
	acyl	amino acid	CF ₃	H
	acyl	amino acid	CF ₃	NH ₂
55	acyl	amino acid	CF ₃	NH-cyclopropyl
	acyl	amino acid	CF ₃	NH-methyl
	acyl	amino acid	CF ₃	NH-ethyl
	acyl	amino acid	CF ₃	NH-acetyl
	acyl	amino acid	CF ₃	OH
	acyl	amino acid	CF ₃	OMe
60	acyl	amino acid	CF ₃	OEt
	acyl	amino acid	CF ₃	O-cyclopropyl
	acyl	amino acid	CF ₃	O-acetyl
	acyl	amino acid	CF ₃	SH
	acyl	amino acid	CF ₃	SMe
	acyl	amino acid	CF ₃	SEt
	acyl	amino acid	CF ₃	S-cyclopropyl
65	acyl	amino acid	CF ₃	F
	acyl	amino acid	CF ₃	Cl

TABLE 8-continued

R ₂	R ₃	X ¹	X ²	Y
acyl	amino acid	CF ₃	Cl	Br
acyl	amino acid	CF ₃	Cl	I
H	acyl	CF ₃	Cl	H
H	acyl	CF ₃	Cl	NH ₂
H	acyl	CF ₃	Cl	NH-cyclopropyl
H	acyl	CF ₃	Cl	NH-methyl
H	acyl	CF ₃	Cl	NH-ethyl
H	acyl	CF ₃	Cl	NH-acetyl
H	acyl	CF ₃	Cl	OH
H	acyl	CF ₃	Cl	OMe
H	acyl	CF ₃	Cl	OEt
H	acyl	CF ₃	Cl	O-cyclopropyl
H	acyl	CF ₃	Cl	O-acetyl
H	acyl	CF ₃	Cl	SH
H	acyl	CF ₃	Cl	SMe
H	acyl	CF ₃	Cl	SEt
H	acyl	CF ₃	Cl	S-cyclopropyl
H	acyl	CF ₃	Cl	F
H	acyl	CF ₃	Cl	Cl
H	acyl	CF ₃	Cl	Br
H	acyl	CF ₃	Cl	I
H	amino acid	CF ₃	Cl	H
H	amino acid	CF ₃	Cl	NH ₂
H	amino acid	CF ₃	Cl	NH-cyclopropyl
H	amino acid	CF ₃	Cl	NH-methyl
H	amino acid	CF ₃	Cl	NH-ethyl
H	amino acid	CF ₃	Cl	NH-acetyl
H	amino acid	CF ₃	Cl	OH
H	amino acid	CF ₃	Cl	OMe
H	amino acid	CF ₃	Cl	OEt
H	amino acid	CF ₃	Cl	O-cyclopropyl
H	amino acid	CF ₃	Cl	O-acetyl
H	amino acid	CF ₃	Cl	SH
H	amino acid	CF ₃	Cl	SMe
H	amino acid	CF ₃	Cl	SEt
H	amino acid	CF ₃	Cl	S-cyclopropyl
H	amino acid	CF ₃	Cl	F
H	amino acid	CF ₃	Cl	Cl
H	amino acid	CF ₃	Cl	Br
H	amino acid	CF ₃	Cl	I
amino acid	amino acid	CF ₃	Cl	H
amino acid	amino acid	CF ₃	Cl	NH ₂
amino acid	amino acid	CF ₃	Cl	NH-cyclopropyl
amino acid	amino acid	CF ₃	Cl	NH-methyl
amino acid	amino acid	CF ₃	Cl	NH-ethyl
amino acid	amino acid	CF ₃	Cl	NH-acetyl
amino acid	amino acid	CF ₃	Cl	OH
amino acid	amino acid	CF ₃	Cl	OMe
amino acid	amino acid	CF ₃	Cl	OEt
amino acid	amino acid	CF ₃	Cl	O-cyclopropyl
amino acid	amino acid	CF ₃	Cl	O-acetyl
amino acid	amino acid	CF ₃	Cl	SH
amino acid	amino acid	CF ₃	Cl	SMe
amino acid	amino acid	CF ₃	Cl	SEt
amino acid	amino acid	CF ₃	Cl	S-cyclopropyl
amino acid	amino acid	CF ₃	Cl	F
amino acid	amino acid	CF ₃	Cl	Cl
amino acid	amino acid	CF ₃	Cl	Br
amino acid	amino acid	CF ₃	Cl	I
amino acid	H	CF ₃	Cl	H
amino acid	H	CF ₃	Cl	NH ₂
amino acid	H	CF ₃	Cl	NH-cyclopropyl
amino acid	H	CF ₃	Cl	NH-methyl
amino acid	H	CF ₃	Cl	NH-ethyl
amino acid	H	CF ₃	Cl	NH-acetyl
amino acid	H	CF ₃	Cl	OH
amino acid	H	CF ₃	Cl	OMe
amino acid	H	CF ₃	Cl	OEt
amino acid	H	CF ₃	Cl	O-cyclopropyl
amino acid	H	CF ₃	Cl	O-acetyl
amino acid	H	CF ₃	Cl	SH
amino acid	H	CF ₃	Cl	SMe
amino acid	H	CF ₃	Cl	SEt
amino acid	H	CF ₃	Cl	S-cyclopropyl
amino acid	H	CF ₃	Cl	F
amino acid	H	CF ₃	Cl	Cl
amino acid	H	CF ₃	Cl	Br

TABLE 8-continued

	R ₂	R ₃	X ¹	X ²	Y
5	amino acid	H	CF ₃	Cl	I
	amino acid	acyl	CF ₃	Cl	H
	lamino acid	acyl	CF ₃	Cl	NH ₂
	amino acid	acyl	CF ₃	Cl	NH-cyclopropyl
	amino acid	acyl	CF ₃	Cl	NH-methyl
	amino acid	acyl	CF ₃	Cl	NH-ethyl
10	amino acid	acyl	CF ₃	Cl	NH-acetyl
	amino acid	acyl	CF ₃	Cl	OH
	amino acid	acyl	CF ₃	Cl	OMe
	amino acid	acyl	CF ₃	Cl	OEt
	amino acid	acyl	CF ₃	Cl	O-cyclopropyl
	amino acid	acyl	CF ₃	Cl	O-acetyl
15	amino acid	acyl	CF ₃	Cl	SH
	amino acid	acyl	CF ₃	Cl	SMe
	amino acid	acyl	CF ₃	Cl	SEt
	amino acid	acyl	CF ₃	Cl	S-cyclopropyl
	amino acid	acyl	CF ₃	Cl	F
	amino acid	acyl	CF ₃	Cl	Cl
	amino acid	acyl	CF ₃	Cl	Br
20	amino acid	acyl	CF ₃	Cl	I
	acyl	H	Br	Cl	H
	acyl	H	Br	Cl	NH ₂
	acyl	H	Br	Cl	NH-cyclopropyl
	acyl	H	Br	Cl	NH-methyl
	acyl	H	Br	Cl	NH-ethyl
	acyl	H	Br	Cl	NH-acetyl
	acyl	H	Br	Cl	OH
	acyl	H	Br	Cl	OMe
	acyl	H	Br	Cl	OEt
	acyl	H	Br	Cl	O-cyclopropyl
	acyl	H	Br	Cl	O-acetyl
30	acyl	H	Br	Cl	SH
	acyl	H	Br	Cl	SMe
	acyl	H	Br	Cl	SEt
	acyl	H	Br	Cl	S-cyclopropyl
	acyl	H	Br	Cl	F
	acyl	H	Br	Cl	Cl
	acyl	H	Br	Cl	Br
35	acyl	H	Br	Cl	I
	acyl	acyl	Br	Cl	H
	acyl	acyl	Br	Cl	NH ₂
	acyl	acyl	Br	Cl	NH-cyclopropyl
	acyl	acyl	Br	Cl	NH-methyl
	acyl	acyl	Br	Cl	NH-ethyl
	acyl	acyl	Br	Cl	NH-acetyl
	acyl	acyl	Br	Cl	OH
	acyl	acyl	Br	Cl	OMe
	acyl	acyl	Br	Cl	OEt
	acyl	acyl	Br	Cl	O-cyclopropyl
	acyl	acyl	Br	Cl	O-acetyl
45	acyl	acyl	Br	Cl	SH
	acyl	acyl	Br	Cl	SMe
	acyl	acyl	Br	Cl	SEt
	acyl	acyl	Br	Cl	S-cyclopropyl
	acyl	acyl	Br	Cl	F
	acyl	acyl	Br	Cl	Cl
	acyl	acyl	Br	Cl	Br
	acyl	acyl	Br	Cl	I
	acyl	amino acid	Br	Cl	H
	acyl	amino acid	Br	Cl	NH ₂
	acyl	amino acid	Br	Cl	NH-cyclopropyl
	acyl	amino acid	Br	Cl	NH-methyl
	acyl	amino acid	Br	Cl	NH-ethyl
	acyl	amino acid	Br	Cl	NH-acetyl
	acyl	amino acid	Br	Cl	OH
	acyl	amino acid	Br	Cl	OMe
	acyl	amino acid	Br	Cl	OEt
	acyl	amino acid	Br	Cl	O-cyclopropyl
	acyl	amino acid	Br	Cl	O-acetyl
60	acyl	amino acid	Br	Cl	SH
	acyl	amino acid	Br	Cl	SMe
	acyl	amino acid	Br	Cl	SEt
	acyl	amino acid	Br	Cl	S-cyclopropyl
	acyl	amino acid	Br	Cl	F
	acyl	amino acid	Br	Cl	Cl
	acyl	amino acid	Br	Cl	Br
	acyl	amino acid	Br	Cl	I

TABLE 8-continued

R ₂	R ₃	X ¹	X ²	Y
H	acyl	Br	Cl	H
H	acyl	Br	Cl	NH ₂
H	acyl	Br	Cl	NH-cyclopropyl
H	acyl	Br	Cl	NH-methyl
H	acyl	Br	Cl	NH-ethyl
H	acyl	Br	Cl	NH-acetyl
H	acyl	Br	Cl	OH
H	acyl	Br	Cl	OMe
H	acyl	Br	Cl	OEt
H	acyl	Br	Cl	O-cyclopropyl
H	acyl	Br	Cl	O-acetyl
H	acyl	Br	Cl	SH
H	acyl	Br	Cl	SMe
H	acyl	Br	Cl	SEt
H	acyl	Br	Cl	S-cyclopropyl
H	acyl	Br	Cl	F
H	acyl	Br	Cl	Cl
H	acyl	Br	Cl	Br
H	acyl	Br	Cl	I
H	amino acid	Br	Cl	H
H	amino acid	Br	Cl	NH ₂
H	amino acid	Br	Cl	NH-cyclopropyl
H	amino acid	Br	Cl	NH-methyl
H	amino acid	Br	Cl	NH-ethyl
H	amino acid	Br	Cl	NH-acetyl
H	amino acid	Br	Cl	OH
H	amino acid	Br	Cl	OMe
H	amino acid	Br	Cl	OEt
H	amino acid	Br	Cl	O-cyclopropyl
H	amino acid	Br	Cl	O-acetyl
H	amino acid	Br	Cl	SH
H	amino acid	Br	Cl	SMe
H	amino acid	Br	Cl	SEt
H	amino acid	Br	Cl	S-cyclopropyl
H	amino acid	Br	Cl	F
H	amino acid	Br	Cl	Cl
H	amino acid	Br	Cl	Br
H	amino acid	Br	Cl	I
H	amino acid	Br	Cl	H
amino acid	amino acid	Br	Cl	NH ₂
amino acid	amino acid	Br	Cl	NH-cyclopropyl
amino acid	amino acid	Br	Cl	NH-methyl
amino acid	amino acid	Br	Cl	NH-ethyl
amino acid	amino acid	Br	Cl	NH-acetyl
amino acid	amino acid	Br	Cl	OH
amino acid	amino acid	Br	Cl	OMe
amino acid	amino acid	Br	Cl	OEt
amino acid	amino acid	Br	Cl	O-cyclopropyl
amino acid	amino acid	Br	Cl	O-acetyl
amino acid	amino acid	Br	Cl	SH
amino acid	amino acid	Br	Cl	SMe
amino acid	amino acid	Br	Cl	SEt
amino acid	amino acid	Br	Cl	S-cyclopropyl
amino acid	amino acid	Br	Cl	F
amino acid	amino acid	Br	Cl	Cl
amino acid	amino acid	Br	Cl	Br
amino acid	amino acid	Br	Cl	I
amino acid	H	Br	Cl	H
amino acid	H	Br	Cl	NH ₂
amino acid	H	Br	Cl	NH-cyclopropyl
amino acid	H	Br	Cl	NH-methyl
amino acid	H	Br	Cl	NH-ethyl
amino acid	H	Br	Cl	NH-acetyl
amino acid	H	Br	Cl	OH
amino acid	H	Br	Cl	OMe
amino acid	H	Br	Cl	OEt
amino acid	H	Br	Cl	O-cyclopropyl
amino acid	H	Br	Cl	O-acetyl
amino acid	H	Br	Cl	SH
amino acid	H	Br	Cl	SMe
amino acid	H	Br	Cl	SEt
amino acid	H	Br	Cl	S-cyclopropyl
amino acid	H	Br	Cl	F
amino acid	H	Br	Cl	Cl
amino acid	H	Br	Cl	Br
amino acid	H	Br	Cl	I
amino acid	H	Br	Cl	H

TABLE 8-continued

R ₂	R ₃	X ¹	X ²	Y	
5	amino acid	acyl	Br	Cl	NH ₂
	amino acid	acyl	Br	Cl	NH-cyclopropyl
	amino acid	acyl	Br	Cl	NH-methyl
	amino acid	acyl	Br	Cl	NH-ethyl
	amino acid	acyl	Br	Cl	NH-acetyl
10	amino acid	acyl	Br	Cl	OH
	amino acid	acyl	Br	Cl	OMe
	amino acid	acyl	Br	Cl	OEt
	amino acid	acyl	Br	Cl	O-cyclopropyl
	amino acid	acyl	Br	Cl	O-acetyl
15	amino acid	acyl	Br	Cl	SH
	amino acid	acyl	Br	Cl	SMe
	amino acid	acyl	Br	Cl	SEt
	amino acid	acyl	Br	Cl	S-cyclopropyl
	amino acid	acyl	Br	Cl	F
20	amino acid	acyl	Br	Cl	Cl
	amino acid	acyl	Br	Cl	Br
	amino acid	acyl	Br	Cl	I
	acyl	H	Cl	Cl	H
	acyl	H	Cl	Cl	NH ₂
25	acyl	H	Cl	Cl	NH-cyclopropyl
	acyl	H	Cl	Cl	NH-methyl
	acyl	H	Cl	Cl	NH-ethyl
	acyl	H	Cl	Cl	NH-acetyl
	acyl	H	Cl	Cl	OH
30	acyl	H	Cl	Cl	OMe
	acyl	H	Cl	Cl	OEt
	acyl	H	Cl	Cl	O-cyclopropyl
	acyl	H	Cl	Cl	O-acetyl
	acyl	H	Cl	Cl	SH
35	acyl	H	Cl	Cl	SMe
	acyl	H	Cl	Cl	SEt
	acyl	H	Cl	Cl	S-cyclopropyl
	acyl	H	Cl	Cl	F
	acyl	H	Cl	Cl	Cl
40	acyl	H	Cl	Cl	Br
	acyl	H	Cl	Cl	I
	acyl	acyl	Cl	Cl	H
	acyl	acyl	Cl	Cl	NH ₂
	acyl	acyl	Cl	Cl	NH-cyclopropyl
45	acyl	acyl	Cl	Cl	NH-methyl
	acyl	acyl	Cl	Cl	NH-ethyl
	acyl	acyl	Cl	Cl	NH-acetyl
	acyl	acyl	Cl	Cl	OH
	acyl	acyl	Cl	Cl	OMe
50	acyl	acyl	Cl	Cl	OEt
	acyl	acyl	Cl	Cl	O-cyclopropyl
	acyl	acyl	Cl	Cl	O-acetyl
	acyl	acyl	Cl	Cl	SH
	acyl	acyl	Cl	Cl	SMe
55	acyl	acyl	Cl	Cl	SEt
	acyl	acyl	Cl	Cl	S-cyclopropyl
	acyl	acyl	Cl	Cl	F
	acyl	acyl	Cl	Cl	Cl
	acyl	acyl	Cl	Cl	Br
60	acyl	acyl	Cl	Cl	I
	acyl	amino acid	Cl	Cl	H
	acyl	amino acid	Cl	Cl	NH ₂
	acyl	amino acid	Cl	Cl	NH-cyclopropyl
	acyl	amino acid	Cl	Cl	NH-methyl
65	acyl	amino acid	Cl	Cl	NH-ethyl
	acyl	amino acid	Cl	Cl	NH-acetyl
	acyl	amino acid	Cl	Cl	OH
	acyl	amino acid	Cl	Cl	OMe
	acyl	amino acid	Cl	Cl	OEt
	acyl	amino acid	Cl	Cl	O-cyclopropyl
	acyl	amino acid	Cl	Cl	O-acetyl
	acyl	amino acid	Cl	Cl	SH
	acyl	amino acid	Cl	Cl	SMe
	acyl	amino acid	Cl	Cl	SEt
	acyl	amino acid	Cl	Cl	S-cyclopropyl
	acyl	amino acid	Cl	Cl	F
	acyl	amino acid	Cl	Cl	Cl
	acyl	amino acid	Cl	Cl	Br
	acyl	amino acid	Cl	Cl	I
	H	acyl	Cl	Cl	H
	H	acyl	Cl	Cl	NH ₂

TABLE 8-continued

R ₂	R ₃	X ¹	X ²	Y
H	acyl	Cl	Cl	NH-cyclopropyl
H	acyl	Cl	Cl	NH-methyl
H	acyl	Cl	Cl	NH-ethyl
H	acyl	Cl	Cl	NH-acetyl
H	acyl	Cl	Cl	OH
H	acyl	Cl	Cl	OMe
H	acyl	Cl	Cl	OEt
H	acyl	Cl	Cl	O-cyclopropyl
H	acyl	Cl	Cl	O-acetyl
H	acyl	Cl	Cl	SH
H	acyl	Cl	Cl	SMe
H	acyl	Cl	Cl	SEt
H	acyl	Cl	Cl	S-cyclopropyl
H	acyl	Cl	Cl	F
H	acyl	Cl	Cl	Cl
H	acyl	Cl	Cl	Br
H	acyl	Cl	Cl	I
H	amino acid	Cl	Cl	H
H	amino acid	Cl	Cl	NH ₂
H	amino acid	Cl	Cl	NH-cyclopropyl
H	amino acid	Cl	Cl	NH-methyl
H	amino acid	Cl	Cl	NH-ethyl
H	amino acid	Cl	Cl	NH-acetyl
H	amino acid	Cl	Cl	OH
H	amino acid	Cl	Cl	OMe
H	amino acid	Cl	Cl	OEt
H	amino acid	Cl	Cl	O-cyclopropyl
H	amino acid	Cl	Cl	O-acetyl
H	amino acid	Cl	Cl	SH
H	amino acid	Cl	Cl	SMe
H	amino acid	Cl	Cl	SEt
H	amino acid	Cl	Cl	S-cyclopropyl
H	amino acid	Cl	Cl	F
H	amino acid	Cl	Cl	Cl
H	amino acid	Cl	Cl	Br
H	amino acid	Cl	Cl	I
amino acid	amino acid	Cl	Cl	H
amino acid	amino acid	Cl	Cl	NH ₂
amino acid	amino acid	Cl	Cl	NH-cyclopropyl
amino acid	amino acid	Cl	Cl	NH-methyl
amino acid	amino acid	Cl	Cl	NH-ethyl
amino acid	amino acid	Cl	Cl	NH-acetyl
amino acid	amino acid	Cl	Cl	OH
amino acid	amino acid	Cl	Cl	OMe
amino acid	amino acid	Cl	Cl	OEt
amino acid	amino acid	Cl	Cl	O-cyclopropyl
amino acid	amino acid	Cl	Cl	O-acetyl
amino acid	amino acid	Cl	Cl	SH
amino acid	amino acid	Cl	Cl	SMe
amino acid	amino acid	Cl	Cl	SEt
amino acid	amino acid	Cl	Cl	S-cyclopropyl
amino acid	amino acid	Cl	Cl	F
amino acid	amino acid	Cl	Cl	Cl
amino acid	amino acid	Cl	Cl	Br
amino acid	amino acid	Cl	Cl	I
amino acid	amino acid	Cl	Cl	H
amino acid	H	Cl	Cl	H
amino acid	H	Cl	Cl	NH ₂
amino acid	H	Cl	Cl	NH-cyclopropyl
amino acid	H	Cl	Cl	NH-methyl
amino acid	H	Cl	Cl	NH-ethyl
amino acid	H	Cl	Cl	NH-acetyl
amino acid	H	Cl	Cl	OH
amino acid	H	Cl	Cl	OMe
amino acid	H	Cl	Cl	OEt
amino acid	H	Cl	Cl	O-cyclopropyl
amino acid	H	Cl	Cl	O-acetyl
amino acid	H	Cl	Cl	SH
amino acid	H	Cl	Cl	SMe
amino acid	H	Cl	Cl	SEt
amino acid	H	Cl	Cl	S-cyclopropyl
amino acid	H	Cl	Cl	F
amino acid	H	Cl	Cl	Cl
amino acid	H	Cl	Cl	Br
amino acid	H	Cl	Cl	I
amino acid	H	Cl	Cl	H
amino acid	acyl	Cl	Cl	H
amino acid	acyl	Cl	Cl	NH ₂
amino acid	acyl	Cl	Cl	NH-cyclopropyl

TABLE 8-continued

R ₂	R ₃	X ¹	X ²	Y	
5	amino acid	acyl	Cl	Cl	NH-methyl
	amino acid	acyl	Cl	Cl	NH-ethyl
	amino acid	acyl	Cl	Cl	NH-acetyl
	amino acid	acyl	Cl	Cl	OH
	amino acid	acyl	Cl	Cl	OMe
	amino acid	acyl	Cl	Cl	OEt
10	amino acid	acyl	Cl	Cl	O-cyclopropyl
	amino acid	acyl	Cl	Cl	O-acetyl
	amino acid	acyl	Cl	Cl	SH
	amino acid	acyl	Cl	Cl	SMe
	amino acid	acyl	Cl	Cl	SEt
	amino acid	acyl	Cl	Cl	S-cyclopropyl
15	amino acid	acyl	Cl	Cl	F
	amino acid	acyl	Cl	Cl	Cl
	amino acid	acyl	Cl	Cl	Br
	amino acid	acyl	Cl	Cl	I
	acyl	H	F	Cl	H
	acyl	H	F	Cl	NH ₂
20	acyl	H	F	Cl	NH-cyclopropyl
	acyl	H	F	Cl	NH-methyl
	acyl	H	F	Cl	NH-ethyl
	acyl	H	F	Cl	NH-acetyl
	acyl	H	F	Cl	OH
	acyl	H	F	Cl	OMe
25	acyl	H	F	Cl	OEt
	acyl	H	F	Cl	O-cyclopropyl
	acyl	H	F	Cl	O-acetyl
	acyl	H	F	Cl	SH
	acyl	H	F	Cl	SMe
	acyl	H	F	Cl	SEt
30	acyl	H	F	Cl	S-cyclopropyl
	acyl	H	F	Cl	F
	acyl	H	F	Cl	Cl
	acyl	H	F	Cl	Br
	acyl	H	F	Cl	I
	acyl	acyl	F	Cl	H
35	acyl	acyl	F	Cl	NH ₂
	acyl	acyl	F	Cl	NH-cyclopropyl
	acyl	acyl	F	Cl	NH-methyl
	acyl	acyl	F	Cl	NH-ethyl
	acyl	acyl	F	Cl	NH-acetyl
	acyl	acyl	F	Cl	OH
40	acyl	acyl	F	Cl	OMe
	acyl	acyl	F	Cl	OEt
	acyl	acyl	F	Cl	O-cyclopropyl
	acyl	acyl	F	Cl	O-acetyl
	acyl	acyl	F	Cl	SH
	acyl	acyl	F	Cl	SMe
45	acyl	acyl	F	Cl	SEt
	acyl	acyl	F	Cl	S-cyclopropyl
	acyl	acyl	F	Cl	F
	acyl	acyl	F	Cl	Cl
	acyl	acyl	F	Cl	Br
	acyl	acyl	F	Cl	I
50	acyl	amino acid	F	Cl	H
	acyl	amino acid	F	Cl	NH ₂
	acyl	amino acid	F	Cl	NH-cyclopropyl
	acyl	amino acid	F	Cl	NH-methyl
	acyl	amino acid	F	Cl	NH-ethyl
	acyl	amino acid	F	Cl	NH-acetyl
55	acyl	amino acid	F	Cl	OH
	acyl	amino acid	F	Cl	OMe
	acyl	amino acid	F	Cl	OEt
	acyl	amino acid	F	Cl	O-cyclopropyl
	acyl	amino acid	F	Cl	O-acetyl
	acyl	amino acid	F	Cl	SH
60	acyl	amino acid	F	Cl	SMe
	acyl	amino acid	F	Cl	SEt
	acyl	amino acid	F	Cl	S-cyclopropyl
	acyl	amino acid	F	Cl	F
	acyl	amino acid	F	Cl	Cl
	acyl	amino acid	F	Cl	Br
65	acyl	amino acid	F	Cl	I
	H	acyl	F	Cl	H
	H	acyl	F	Cl	NH ₂
	H	acyl	F	Cl	NH-cyclopropyl
	H	acyl	F	Cl	NH-methyl

TABLE 8-continued

R ₂	R ₃	X ¹	X ²	Y
H	acyl	F	Cl	NH-ethyl
H	acyl	F	Cl	NH-acetyl
H	acyl	F	Cl	OH
H	acyl	F	Cl	OMe
H	acyl	F	Cl	OEt
H	acyl	F	Cl	O-cyclopropyl
H	acyl	F	Cl	O-acetyl
H	acyl	F	Cl	SH
H	acyl	F	Cl	SMe
H	acyl	F	Cl	SEt
H	acyl	F	Cl	S-cyclopropyl
H	acyl	F	Cl	F
H	acyl	F	Cl	Cl
H	acyl	F	Cl	Br
H	acyl	F	Cl	I
H	amino acid	F	Cl	H
H	amino acid	F	Cl	NH ₂
H	amino acid	F	Cl	NH-cyclopropyl
H	amino acid	F	Cl	NH-methyl
H	amino acid	F	Cl	NH-ethyl
H	amino acid	F	Cl	NH-acetyl
H	amino acid	F	Cl	OH
H	amino acid	F	Cl	OMe
H	amino acid	F	Cl	OEt
H	amino acid	F	Cl	O-cyclopropyl
H	amino acid	F	Cl	O-acetyl
H	amino acid	F	Cl	SH
H	amino acid	F	Cl	SMe
H	amino acid	F	Cl	SEt
H	amino acid	F	Cl	S-cyclopropyl
H	amino acid	F	Cl	F
H	amino acid	F	Cl	Cl
H	amino acid	F	Cl	Br
H	amino acid	F	Cl	I
amino acid	amino acid	F	Cl	H
amino acid	amino acid	F	Cl	NH ₂
amino acid	amino acid	F	Cl	NH-cyclopropyl
amino acid	amino acid	F	Cl	NH-methyl
amino acid	amino acid	F	Cl	NH-ethyl
amino acid	amino acid	F	Cl	NH-acetyl
amino acid	amino acid	F	Cl	OH
amino acid	amino acid	F	Cl	OMe
amino acid	amino acid	F	Cl	OEt
amino acid	amino acid	F	Cl	O-cyclopropyl
amino acid	amino acid	F	Cl	O-acetyl
amino acid	amino acid	F	Cl	SH
amino acid	amino acid	F	Cl	SMe
amino acid	amino acid	F	Cl	SEt
amino acid	amino acid	F	Cl	S-cyclopropyl
amino acid	amino acid	F	Cl	F
amino acid	amino acid	F	Cl	Cl
amino acid	amino acid	F	Cl	Br
amino acid	amino acid	F	Cl	I
amino acid	H	F	Cl	H
amino acid	H	F	Cl	NH ₂
amino acid	H	F	Cl	NH-cyclopropyl
amino acid	H	F	Cl	NH-methyl
amino acid	H	F	Cl	NH-ethyl
amino acid	H	F	Cl	NH-acetyl
amino acid	H	F	Cl	OH
amino acid	H	F	Cl	OMe
amino acid	H	F	Cl	OEt
amino acid	H	F	Cl	O-cyclopropyl
amino acid	H	F	Cl	O-acetyl
amino acid	H	F	Cl	SH
amino acid	H	F	Cl	SMe
amino acid	H	F	Cl	SEt
amino acid	H	F	Cl	S-cyclopropyl
amino acid	H	F	Cl	F
amino acid	H	F	Cl	Cl
amino acid	H	F	Cl	Br
amino acid	H	F	Cl	I
amino acid	acyl	F	Cl	H
amino acid	acyl	F	Cl	NH ₂
amino acid	acyl	F	Cl	NH-cyclopropyl
amino acid	acyl	F	Cl	NH-methyl
amino acid	acyl	F	Cl	NH-ethyl
amino acid	acyl	F	Cl	NH-acetyl

TABLE 8-continued

R ₂	R ₃	X ¹	X ²	Y	
5	amino acid	acyl	F	Cl	NH-acetyl
	amino acid	acyl	F	Cl	OH
	amino acid	acyl	F	Cl	OMe
	amino acid	acyl	F	Cl	OEt
	amino acid	acyl	F	Cl	O-cyclopropyl
	amino acid	acyl	F	Cl	O-acetyl
10	amino acid	acyl	F	Cl	SH
	amino acid	acyl	F	Cl	SMe
	amino acid	acyl	F	Cl	SEt
	amino acid	acyl	F	Cl	S-cyclopropyl
	amino acid	acyl	F	Cl	F
	amino acid	acyl	F	Cl	Cl
15	amino acid	acyl	F	Cl	Br
	amino acid	acyl	F	Cl	I
	acyl	H	NH ₂	Cl	H
	acyl	H	NH ₂	Cl	NH ₃
	acyl	H	NH ₂	Cl	NH-cyclopropyl
	acyl	H	NH ₂	Cl	NH-methyl
20	acyl	H	NH ₂	Cl	NH-ethyl
	acyl	H	NH ₂	Cl	NH-acetyl
	acyl	H	NH ₂	Cl	OH
	acyl	H	NH ₂	Cl	OMe
	acyl	H	NH ₂	Cl	OEt
	acyl	H	NH ₂	Cl	O-cyclopropyl
25	acyl	H	NH ₂	Cl	O-acetyl
	acyl	H	NH ₂	Cl	SH
	acyl	H	NH ₂	Cl	SMe
	acyl	H	NH ₂	Cl	SEt
	acyl	H	NH ₂	Cl	S-cyclopropyl
	acyl	H	NH ₂	Cl	F
30	acyl	H	NH ₂	Cl	Cl
	acyl	H	NH ₂	Cl	Br
	acyl	H	NH ₂	Cl	I
	acyl	acyl	NH ₂	Cl	H
	acyl	acyl	NH ₂	Cl	NH ₂
	acyl	acyl	NH ₂	Cl	NH-cyclopropyl
35	acyl	acyl	NH ₂	Cl	NH-methyl
	acyl	acyl	NH ₂	Cl	NH-ethyl
	acyl	acyl	NH ₂	Cl	NH-acetyl
	acyl	acyl	NH ₂	Cl	OH
	acyl	acyl	NH ₂	Cl	OMe
	acyl	acyl	NH ₂	Cl	OEt
40	acyl	acyl	NH ₂	Cl	O-cyclopropyl
	acyl	acyl	NH ₂	Cl	O-acetyl
	acyl	acyl	NH ₂	Cl	SH
	acyl	acyl	NH ₂	Cl	SMe
	acyl	acyl	NH ₂	Cl	SEt
	acyl	acyl	NH ₂	Cl	S-cyclopropyl
45	acyl	acyl	NH ₂	Cl	F
	acyl	acyl	NH ₂	Cl	Cl
	acyl	acyl	NH ₂	Cl	Br
	acyl	acyl	NH ₂	Cl	I
	acyl	amino acid	NH ₂	Cl	H
	acyl	amino acid	NH ₂	Cl	NH ₂
50	acyl	amino acid	NH ₂	Cl	MI-cyclopropyl
	acyl	amino acid	NH ₂	Cl	NH-methyl
	acyl	amino acid	NH ₂	Cl	NH-ethyl
	acyl	amino acid	NH ₂	Cl	NH-acetyl
	acyl	amino acid	NH ₂	Cl	OH
	acyl	amino acid	NH ₂	Cl	OMe
55	acyl	amino acid	NH ₂	Cl	OEt
	acyl	amino acid	NH ₂	Cl	O-cyclopropyl
	acyl	amino acid	NH ₂	Cl	O-acetyl
	acyl	amino acid	NH ₂	Cl	SH
	acyl	amino acid	NH ₂	Cl	SMe
	acyl	amino acid	NH ₂	Cl	SEt
60	acyl	amino acid	NH ₂	Cl	S-cyclopropyl
	acyl	amino acid	NH ₂	Cl	F
	acyl	amino acid	NH ₂	Cl	Cl
	acyl	amino acid	NH ₂	Cl	Br
	acyl	amino acid	NH ₂	Cl	I
	H	acyl	NH ₂	Cl	H
65	H	acyl	NH ₂	Cl	NH ₃
	H	acyl	NH ₂	Cl	NH-cyclopropyl
	H	acyl	NH ₂	Cl	NH-methyl
	H	acyl	NH ₂	Cl	NH-ethyl
	H	acyl	NH ₂	Cl	NH-acetyl

TABLE 8-continued

R ₂	R ₃	X ¹	X ²	Y
H	acyl	NH ₂	Cl	OH
H	acyl	NH ₂	Cl	OMe
H	acyl	NH ₂	Cl	OEt
H	acyl	NH ₂	Cl	O-cyclopropyl
H	acyl	NH ₂	Cl	O-acetyl
H	acyl	NH ₂	Cl	SH
H	acyl	NH ₂	Cl	SMe
H	acyl	NH ₂	Cl	SEt
H	acyl	NH ₂	Cl	S-cyclopropyl
H	acyl	NH ₂	Cl	F
H	acyl	NH ₂	Cl	Cl
H	acyl	NH ₂	Cl	Br
H	acyl	NH ₂	Cl	I
H	amino acid	NH ₂	Cl	H
H	amino acid	NH ₂	Cl	NH ₂
H	amino acid	NH ₂	Cl	NH-cyclopropyl
H	amino acid	NH ₂	Cl	NH-methyl
H	amino acid	NH ₂	Cl	NH-ethyl
H	amino acid	NH ₂	Cl	NH-acetyl
H	amino acid	NH ₂	Cl	OH
H	amino acid	NH ₂	Cl	OMe
H	amino acid	NH ₂	Cl	OEt
H	amino acid	NH ₂	Cl	O-cyclopropyl
H	amino acid	NH ₂	Cl	O-acetyl
H	amino acid	NH ₂	Cl	SH
H	amino acid	NH ₂	Cl	SMe
H	amino acid	NH ₂	Cl	SEt
H	amino acid	NH ₂	Cl	S-cyclopropyl
H	amino acid	NH ₂	Cl	F
H	amino acid	NH ₂	Cl	Cl
H	amino acid	NH ₂	Cl	Br
H	amino acid	NH ₂	Cl	I
amino acid	amino acid	NH ₂	Cl	H
amino acid	amino acid	NH ₂	Cl	NH ₂
amino acid	amino acid	NH ₂	Cl	NH-cyclopropyl
amino acid	amino acid	NH ₂	Cl	NH-methyl
amino acid	amino acid	NH ₂	Cl	NH-ethyl
amino acid	amino acid	NH ₂	Cl	NH-acetyl
amino acid	amino acid	NH ₂	Cl	OH
amino acid	amino acid	NH ₂	Cl	OMe
amino acid	amino acid	NH ₂	Cl	OEt
amino acid	amino acid	NH ₂	Cl	O-cyclopropyl
amino acid	amino acid	NH ₂	Cl	O-acetyl
amino acid	amino acid	NH ₂	Cl	SH
amino acid	amino acid	NH ₂	Cl	SMe
amino acid	amino acid	NH ₂	Cl	SEt
amino acid	amino acid	NH ₂	Cl	S-cyclopropyl
amino acid	amino acid	NH ₂	Cl	F
amino acid	amino acid	NH ₂	Cl	Cl
amino acid	amino acid	NH ₂	Cl	Br
amino acid	amino acid	NH ₂	Cl	I
amino acid	amino acid	NH ₂	Cl	H
amino acid	H	NH ₂	Cl	NH ₂
amino acid	H	NH ₂	Cl	NH-cyclopropyl
amino acid	H	NH ₂	Cl	NH-methyl
amino acid	H	NH ₂	Cl	NH-ethyl
amino acid	H	NH ₂	Cl	NH-acetyl
amino acid	H	NH ₂	Cl	OH
amino acid	H	NH ₂	Cl	OMe
amino acid	H	NH ₂	Cl	OEt
amino acid	H	NH ₂	Cl	O-cyclopropyl
amino acid	H	NH ₂	Cl	O-acetyl
amino acid	H	NH ₂	Cl	SH
amino acid	H	NH ₂	Cl	SMe
amino acid	H	NH ₂	Cl	SEt
amino acid	H	NH ₂	Cl	S-cyclopropyl
amino acid	H	NH ₂	Cl	F
amino acid	H	NH ₂	Cl	Cl
amino acid	H	NH ₂	Cl	Br
amino acid	H	NH ₂	Cl	I
amino acid	acyl	NH ₂	Cl	H
amino acid	acyl	NH ₂	Cl	NH ₂
amino acid	acyl	NH ₂	Cl	NH-cyclopropyl
amino acid	acyl	NH ₂	Cl	NH-methyl
amino acid	acyl	NH ₂	Cl	NH-ethyl
amino acid	acyl	NH ₂	Cl	NH-acetyl
amino acid	acyl	NH ₂	Cl	OH
amino acid	acyl	NH ₂	Cl	OMe

TABLE 8-continued

R ₂	R ₃	X ¹	X ²	Y	
5	amino acid	acyl	NH ₂	Cl	OMe
	amino acid	acyl	NH ₂	Cl	OEt
	amino acid	acyl	NH ₂	Cl	O-cyclopropyl
	amino acid	acyl	NH ₂	Cl	O-acetyl
	amino acid	acyl	NH ₂	Cl	SH
	amino acid	acyl	NH ₂	Cl	SMe
10	amino acid	acyl	NH ₂	Cl	SEt
	amino acid	acyl	NH ₂	Cl	S-cyclopropyl
	amino acid	acyl	NH ₂	Cl	F
	amino acid	acyl	NH ₂	Cl	Cl
	amino acid	acyl	NH ₂	Cl	Br
	amino acid	acyl	NH ₂	Cl	I
15	acyl	H	SH	Cl	H
	acyl	H	SH	Cl	NH ₂
	acyl	H	SH	Cl	NH-cyclopropyl
	acyl	H	SH	Cl	NH-methyl
	acyl	H	SH	Cl	NH-ethyl
	acyl	H	SH	Cl	NH-acetyl
20	acyl	H	SH	Cl	OH
	acyl	H	SH	Cl	OMe
	acyl	H	SH	Cl	OEt
	acyl	H	SH	Cl	O-cyclopropyl
	acyl	H	SH	Cl	O-acetyl
	acyl	H	SH	Cl	SH
25	acyl	H	SH	Cl	SMe
	acyl	H	SH	Cl	SEt
	acyl	H	SH	Cl	S-cyclopropyl
	acyl	H	SH	Cl	F
	acyl	H	SH	Cl	Cl
	acyl	H	SH	Cl	Br
30	acyl	H	SH	Cl	I
	acyl	acyl	SH	Cl	H
	acyl	acyl	SH	Cl	NH ₂
	acyl	acyl	SH	Cl	NH-cyclopropyl
	acyl	acyl	SH	Cl	NH-methyl
	acyl	acyl	SH	Cl	NH-ethyl
35	acyl	acyl	SH	Cl	NH-acetyl
	acyl	acyl	SH	Cl	OH
	acyl	acyl	SH	Cl	OMe
	acyl	acyl	SH	Cl	OEt
	acyl	acyl	SH	Cl	O-cyclopropyl
	acyl	acyl	SH	Cl	O-acetyl
40	acyl	acyl	SH	Cl	SH
	acyl	acyl	SH	Cl	SMe
	acyl	acyl	SH	Cl	SEt
	acyl	acyl	SH	Cl	S-cyclopropyl
	acyl	acyl	SH	Cl	F
	acyl	acyl	SH	Cl	Cl
45	acyl	acyl	SB	Cl	Br
	acyl	acyl	SH	Cl	I
	acyl	amino acid	SH	Cl	H
	acyl	amino acid	SH	Cl	NH ₂
	acyl	amino acid	SH	Cl	NH-cyclopropyl
	acyl	amino acid	SH	Cl	NH-methyl
50	acyl	amino acid	SH	Cl	NH-ethyl
	acyl	amino acid	SH	Cl	NH-acetyl
	acyl	amino acid	SB	Cl	OH
	acyl	amino acid	SB	Cl	OMe
	acyl	amino acid	SB	Cl	OEt
	acyl	amino acid	SH	Cl	O-cyclopropyl
55	acyl	amino acid	SB	Cl	O-acetyl
	acyl	amino acid	SB	Cl	SH
	acyl	amino acid	SB	Cl	SMe
	acyl	amino acid	SH	Cl	SEt
	acyl	amino acid	SB	Cl	S-cyclopropyl
	acyl	amino acid	SH	Cl	F
60	acyl	amino acid	SB	Cl	Cl
	acyl	amino acid	SH	Cl	Br
	acyl	amino acid	SB	Cl	I
	H	acyl	SB	Cl	H
	H	acyl	SB	Cl	NH ₂
	H	acyl	SB	Cl	NH-cyclopropyl
65	H	acyl	SB	Cl	NH-methyl
	H	acyl	SB	Cl	NH-ethyl
	H	acyl	SH	Cl	NH-acetyl
	H	acyl	SB	Cl	OH
	H	acyl	SB	Cl	OMe

TABLE 8-continued

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TABLE 8-continued

R ₂	R ₃	X ¹	X ²	Y
H	acyl	OH	Cl	O-acetyl
H	acyl	OH	Cl	SH
H	acyl	OH	Cl	SMe
H	acyl	OH	Cl	SEt
H	acyl	OH	Cl	S-cyclopropyl
H	acyl	OH	Cl	F
H	acyl	OH	Cl	Cl
H	acyl	OH	Cl	Br
H	acyl	OH	Cl	I
H	amino acid	OH	Cl	H
H	amino acid	OH	Cl	NH ₂
H	amino acid	OH	Cl	NH-cyclopropyl
H	amino acid	OH	Cl	NH-methyl
H	amino acid	OH	Cl	NH-ethyl
H	amino acid	OH	Cl	NH-acetyl
H	amino acid	OH	Cl	OH
H	amino acid	OH	Cl	OMe
H	amino acid	OH	Cl	OEt
H	amino acid	OH	Cl	O-cyclopropyl
H	amino acid	OH	Cl	O-acetyl
H	amino acid	OH	Cl	SH
H	amino acid	OH	Cl	SMe
H	amino acid	OH	Cl	SEt
H	amino acid	OH	Cl	S-cyclopropyl
H	amino acid	OH	Cl	F
H	amino acid	OH	Cl	Cl
H	amino acid	OH	Cl	Br
H	amino acid	OH	Cl	I
amino acid	amino acid	OH	Cl	H
amino acid	amino acid	OH	Cl	NH ₂
amino acid	amino acid	OH	Cl	NH-cyclopropyl
amino acid	amino acid	OH	Cl	NH-methyl
amino acid	amino acid	OH	Cl	NH-ethyl
amino acid	amino acid	OH	Cl	NH-acetyl
amino acid	amino acid	OH	Cl	OH
amino acid	amino acid	OH	Cl	OMe
amino acid	amino acid	OH	Cl	OEt
amino acid	amino acid	OH	Cl	O-cyclopropyl
amino acid	amino acid	OH	Cl	O-acetyl
amino acid	amino acid	OH	Cl	SH
amino acid	amino acid	OH	Cl	SMe
amino acid	amino acid	OH	Cl	SEt
amino acid	amino acid	OH	Cl	S-cyclopropyl
amino acid	amino acid	OH	Cl	F
amino acid	amino acid	OH	Cl	Cl
amino acid	amino acid	OH	Cl	Br
amino acid	amino acid	OH	Cl	I
amino acid	H	OH	Cl	H
amino acid	H	OH	Cl	NH ₂
amino acid	H	OH	Cl	NH-cyclopropyl
amino acid	H	OH	Cl	NH-methyl
amino acid	H	OH	Cl	NH-ethyl
amino acid	H	OH	Cl	NH-acetyl
amino acid	H	OH	Cl	OH
amino acid	H	OH	Cl	OMe
amino acid	H	OH	Cl	OEt
amino acid	H	OH	Cl	O-cyclopropyl
amino acid	H	OH	Cl	O-acetyl
amino acid	H	OH	Cl	SH
amino acid	H	OH	Cl	SMe
amino acid	H	OH	Cl	SEt
amino acid	H	OH	Cl	S-cyclopropyl
amino acid	H	OH	Cl	F
amino acid	H	OH	Cl	Cl
amino acid	H	OH	Cl	Br
amino acid	H	OH	Cl	I
amino acid	H	OH	Cl	H
amino acid	acyl	OH	Cl	NH ₂
amino acid	acyl	OH	Cl	NH-cyclopropyl
amino acid	acyl	OH	Cl	NH-methyl
amino acid	acyl	OH	Cl	NH-ethyl
amino acid	acyl	OH	Cl	NH-acetyl
amino acid	acyl	OH	Cl	OH
amino acid	acyl	OH	Cl	OMe
amino acid	acyl	OH	Cl	OEt
amino acid	acyl	OH	Cl	O-cyclopropyl
amino acid	acyl	OH	Cl	O-acetyl
amino acid	acyl	OH	Cl	SH
amino acid	acyl	OH	Cl	SMe
amino acid	acyl	OH	Cl	SEt
amino acid	acyl	OH	Cl	S-cyclopropyl
amino acid	acyl	OH	Cl	F
amino acid	acyl	OH	Cl	Cl
amino acid	acyl	OH	Cl	Br
amino acid	acyl	OH	Cl	I
amino acid	acyl	OH	Cl	H
amino acid	acyl	OH	Cl	NH ₂
amino acid	acyl	OH	Cl	NH-cyclopropyl
amino acid	acyl	OH	Cl	NH-methyl
amino acid	acyl	OH	Cl	NH-ethyl
amino acid	acyl	OH	Cl	NH-acetyl
amino acid	acyl	OH	Cl	OH
amino acid	acyl	OH	Cl	OMe
amino acid	acyl	OH	Cl	OEt
amino acid	acyl	OH	Cl	O-cyclopropyl
amino acid	acyl	OH	Cl	O-acetyl
amino acid	acyl	OH	Cl	SH
amino acid	acyl	OH	Cl	SMe
amino acid	acyl	OH	Cl	SEt
amino acid	acyl	OH	Cl	S-cyclopropyl
amino acid	acyl	OH	Cl	F
amino acid	acyl	OH	Cl	Cl
amino acid	acyl	OH	Cl	Br
amino acid	acyl	OH	Cl	I
amino acid	acyl	OH	Cl	H
amino acid	acyl	OH	Cl	NH ₂
amino acid	acyl	OH	Cl	NH-cyclopropyl
amino acid	acyl	OH	Cl	NH-methyl
amino acid	acyl	OH	Cl	NH-ethyl
amino acid	acyl	OH	Cl	NH-acetyl
amino acid	acyl	OH	Cl	OH
amino acid	acyl	OH	Cl	OMe
amino acid	acyl	OH	Cl	OEt
amino acid	acyl	OH	Cl	O-cyclopropyl
amino acid	acyl	OH	Cl	O-acetyl
amino acid	acyl	OH	Cl	SH
amino acid	acyl	OH	Cl	SMe
amino acid	acyl	OH	Cl	SEt
amino acid	acyl	OH	Cl	S-cyclopropyl
amino acid	acyl	OH	Cl	F
amino acid	acyl	OH	Cl	Cl
amino acid	acyl	OH	Cl	Br
amino acid	acyl	OH	Cl	I
amino acid	acyl	OH	Cl	H
amino acid	acyl	OH	Cl	NH ₂
amino acid	acyl	OH	Cl	NH-cyclopropyl
amino acid	acyl	OH	Cl	NH-methyl
amino acid	acyl	OH	Cl	NH-ethyl
amino acid	acyl	OH	Cl	NH-acetyl
amino acid	acyl	OH	Cl	OH
amino acid	acyl	OH	Cl	OMe
amino acid	acyl	OH	Cl	OEt
amino acid	acyl	OH	Cl	O-cyclopropyl
amino acid	acyl	OH	Cl	O-acetyl
amino acid	acyl	OH	Cl	SH

TABLE 8-continued

R ₂	R ₃	X ¹	X ²	Y	
5	amino acid	acyl	OH	Cl	SH
	amino acid	acyl	OH	Cl	SMe
	amino acid	acyl	OH	Cl	SEt
	amino acid	acyl	OH	Cl	S-cyclopropyl
	amino acid	acyl	OH	Cl	F
	amino acid	acyl	OH	Cl	Cl
10	amino acid	acyl	OH	Cl	Br
	amino acid	acyl	OH	Cl	I
	acyl	H	CH ₃	F	H
	acyl	H	CH ₃	F	NH ₂
15	acyl	H	CH ₃	F	NH-cyclopropyl
	acyl	H	CH ₃	F	NH-methyl
	acyl	H	CH ₃	F	NH-ethyl
	acyl	H	CH ₃	F	NH-acetyl
	acyl	H	CH ₃	F	OH
	acyl	H	CH ₃	F	OMe
20	acyl	H	CH ₃	F	OEt
	acyl	H	CH ₃	F	O-cyclopropyl
	acyl	H	CH ₃	F	O-acetyl
	acyl	H	CH ₃	F	SH
	acyl	H	CH ₃	F	SMe
	acyl	H	CH ₃	F	SEt
25	acyl	H	CH ₃	F	S-cyclopropyl
	acyl	H	CH ₃	F	F
	acyl	H	CH ₃	F	Cl
	acyl	H	CH ₃	F	Br
	acyl	H	CH ₃	F	I
	acyl	H	CH ₃	F	H
30	acyl	acyl	CH ₃	F	NH ₂
	acyl	acyl	CH ₃	F	NH-cyclopropyl
	acyl	acyl	CH ₃	F	NH-methyl
	acyl	acyl	CH ₃	F	NH-ethyl
	acyl	acyl	CH ₃	F	NH-acetyl
	acyl	acyl	CH ₃	F	OH
35	acyl	acyl	CH ₃	F	OMe
	acyl	acyl	CH ₃	F	OEt
	acyl	acyl	CH ₃	F	O-cyclopropyl
	acyl	acyl	CH ₃	F	O-acetyl
	acyl	acyl	CH ₃	F	SH
	acyl	acyl	CH ₃	F	SMe
40	acyl	acyl	CH ₃	F	SEt
	acyl	acyl	CH ₃	F	S-cyclopropyl
	acyl	acyl	CH ₃	F	F
	acyl	acyl	CH ₃	F	Cl
	acyl	acyl	CH ₃	F	Br
	acyl	acyl	CH ₃	F	I
45	acyl	amino acid	CH ₃	F	H
	acyl	amino acid	CH ₃	F	NH ₂
	acyl	amino acid	CH ₃	F	NH-cyclopropyl
	acyl	amino acid	CH ₃	F	NH-methyl
	acyl	amino acid	CH ₃	F	NH-ethyl
	acyl	amino acid	CH ₃	F	NH-acetyl
50	acyl	amino acid	CH ₃	F	OH
	acyl	amino acid	CH ₃	F	OMe
	acyl	amino acid	CH ₃	F	OEt
	acyl	amino acid	CH ₃	F	O-cyclopropyl
	acyl	amino acid	CH ₃	F	O-acetyl
	acyl	amino acid	CH ₃	F	SH
55	acyl	amino acid	CH ₃	F	SMe
	acyl	amino acid	CH ₃	F	SEt
	acyl	amino acid	CH ₃	F	S-cyclopropyl
	acyl	amino acid	CH ₃	F	F
	acyl	amino acid	CH ₃	F	Cl
	acyl	amino acid	CH ₃	F	Br
60	acyl	amino acid	CH ₃	F	I
	H	acyl	CH ₃	F	H
	H	acyl	CH ₃	F	NH ₂
	H	acyl	CH ₃	F	NH-cyclopropyl
	H	acyl	CH ₃	F	NH-methyl
	H	acyl	CH ₃	F	NH-ethyl
65	H	acyl	CH ₃	F	NH-acetyl
	H	acyl	CH ₃	F	OH
	H	acyl	CH ₃	F	OMe
	H	acyl	CH ₃	F	OEt
	H	acyl	CH ₃	F	O-cyclopropyl
	H	acyl	CH ₃	F	O-acetyl

TABLE 8-continued

R ₂	R ₃	X ¹	X ²	Y
H	acyl	CH ₃	F	SMe
H	acyl	CH ₃	F	SEt
H	acyl	CH ₃	F	S-cyclopropyl
H	acyl	CH ₃	F	F
H	acyl	CH ₃	F	Cl
H	acyl	CH ₃	F	Br
H	acyl	CH ₃	F	I
H	amino acid	CH ₃	F	H
H	amino acid	CH ₃	F	NH ₂
H	amino acid	CH ₃	F	NH-cyclopropyl
H	amino acid	CH ₃	F	NH-methyl
H	amino acid	CH ₃	F	NH-ethyl
H	amino acid	CH ₃	F	NH-acetyl
H	amino acid	CH ₃	F	OH
H	amino acid	CH ₃	F	OMe
H	amino acid	CH ₃	F	OEt
H	amino acid	CH ₃	F	O-cyclopropyl
H	amino acid	CH ₃	F	O-acetyl
H	amino acid	CH ₃	F	SH
H	amino acid	CH ₃	F	SMe
H	amino acid	CH ₃	F	SEt
H	amino acid	CH ₃	F	S-cyclopropyl
H	amino acid	CH ₃	F	F
H	amino acid	CH ₃	F	Cl
H	amino acid	CH ₃	F	Br
H	amino acid	CH ₃	F	I
amino acid	amino acid	CH ₃	F	H
amino acid	amino acid	CH ₃	F	NH ₂
amino acid	amino acid	CH ₃	F	NH-cyclopropyl
amino acid	amino acid	CH ₃	F	NH-methyl
amino acid	amino acid	CH ₃	F	NH-ethyl
amino acid	amino acid	CH ₃	F	NH-acetyl
amino acid	amino acid	CH ₃	F	OH
amino acid	amino acid	CH ₃	F	OMe
amino acid	amino acid	CH ₃	F	OEt
amino acid	amino acid	CH ₃	F	O-cyclopropyl
amino acid	amino acid	CH ₃	F	O-acetyl
amino acid	amino acid	CH ₃	F	SH
amino acid	amino acid	CH ₃	F	SMe
amino acid	amino acid	CH ₃	F	SEt
amino acid	amino acid	CH ₃	F	S-cyclopropyl
amino acid	amino acid	CH ₃	F	F
amino acid	amino acid	CH ₃	F	Cl
amino acid	amino acid	CH ₃	F	Br
amino acid	amino acid	CH ₃	F	I
amino acid	H	CH ₃	F	H
amino acid	H	CH ₃	F	NH ₂
amino acid	H	CH ₃	F	NH-cyclopropyl
amino acid	H	CH ₃	F	NH-methyl
amino acid	H	CH ₃	F	NH-ethyl
amino acid	H	CH ₃	F	NH-acetyl
amino acid	H	CH ₃	F	OH
amino acid	H	CH ₃	F	OMe
amino acid	H	CH ₃	F	OEt
amino acid	H	CH ₃	F	O-cyclopropyl
amino acid	H	CH ₃	F	O-acetyl
amino acid	H	CH ₃	F	SH
amino acid	H	CH ₃	F	SMe
amino acid	H	CH ₃	F	SEt
amino acid	H	CH ₃	F	S-cyclopropyl
amino acid	H	CH ₃	F	F
amino acid	H	CH ₃	F	Cl
amino acid	H	CH ₃	F	Br
amino acid	H	CH ₃	F	I
amino acid	acyl	CH ₃	F	H
amino acid	acyl	CH ₃	F	NH ₂
amino acid	acyl	CH ₃	F	NH-cyclopropyl
amino acid	acyl	CH ₃	F	NH-methyl
amino acid	acyl	CH ₃	F	NH-ethyl
amino acid	acyl	CH ₃	F	NH-acetyl
amino acid	acyl	CH ₃	F	OH
amino acid	acyl	CH ₃	F	OMe
amino acid	acyl	CH ₃	F	OEt
amino acid	acyl	CH ₃	F	O-cyclopropyl
amino acid	acyl	CH ₃	F	O-acetyl
amino acid	acyl	CH ₃	F	SH
amino acid	acyl	CH ₃	F	SMe
amino acid	acyl	CH ₃	F	SEt

TABLE 8-continued

R ₂		R ₃	X ¹	X ²	Y
5	amino acid	acyl	CH ₃	F	SEt
	amino acid	acyl	CH ₃	F	S-cyclopropyl
	amino acid	acyl	CH ₃	F	F
	amino acid	acyl	CH ₃	F	Cl
	amino acid	acyl	CH ₃	F	Br
	amino acid	acyl	CH ₃	F	I
10	acyl	H	CF ₃	F	H
	acyl	H	CF ₃	F	NH ₂
	acyl	H	CF ₃	F	NH-cyclopropyl
	acyl	H	CF ₃	F	NH-methyl
	acyl	H	CF ₃	F	NH-ethyl
	acyl	H	CF ₃	F	NH-acetyl
15	acyl	H	CF ₃	F	OH
	acyl	H	CF ₃	F	OMe
	acyl	H	CF ₃	F	OEt
	acyl	H	CF ₃	F	O-cyclopropyl
	acyl	H	CF ₃	F	O-acetyl
	acyl	H	CF ₃	F	SH
	acyl	H	CF ₃	F	SMe
20	acyl	H	CF ₃	F	SEt
	acyl	H	CF ₃	F	S-cyclopropyl
	acyl	H	CF ₃	F	F
	acyl	H	CF ₃	F	Cl
	acyl	H	CF ₃	F	Br
	acyl	H	CF ₃	F	I
25	acyl	acyl	CF ₃	F	H
	acyl	acyl	CF ₃	F	NH ₂
	acyl	acyl	CF ₃	F	NH-cyclopropyl
	acyl	acyl	CF ₃	F	NH-methyl
	acyl	acyl	CF ₃	F	NH-ethyl
	acyl	acyl	CF ₃	F	NH-acetyl
30	acyl	acyl	CF ₃	F	OH
	acyl	acyl	CF ₃	F	OMe
	acyl	acyl	CF ₃	F	OEt
	acyl	acyl	CF ₃	F	O-cyclopropyl
	acyl	acyl	CF ₃	F	O-acetyl
	acyl	acyl	CF ₃	F	SH
35	acyl	acyl	CF ₃	F	SMe
	acyl	acyl	CF ₃	F	SEt
	acyl	acyl	CF ₃	F	S-cyclopropyl
	acyl	acyl	CF ₃	F	F
	acyl	acyl	CF ₃	F	Cl
	acyl	acyl	CF ₃	F	Br
40	acyl	acyl	CF ₃	F	I
	acyl	amino acid	CF ₃	F	H
	acyl	amino acid	CF ₃	F	NH ₂
	acyl	amino acid	CF ₃	F	NH-cyclopropyl
	acyl	amino acid	CF ₃	F	NH-methyl
	acyl	amino acid	CF ₃	F	NH-ethyl
	acyl	amino acid	CF ₃	F	NH-acetyl
45	acyl	amino acid	CF ₃	F	OH
	acyl	amino acid	CF ₃	F	OMe
	acyl	amino acid	CF ₃	F	OEt
	acyl	amino acid	CF ₃	F	O-cyclopropyl
	acyl	amino acid	CF ₃	F	O-acetyl
	acyl	amino acid	CF ₃	F	SH
50	acyl	amino acid	CF ₃	F	SMe
	acyl	amino acid	CF ₃	F	SEt
	acyl	amino acid	CF ₃	F	S-cyclopropyl
	acyl	amino acid	CF ₃	F	F
	acyl	amino acid	CF ₃	F	Cl
	acyl	amino acid	CF ₃	F	Br
55	acyl	amino acid	CF ₃	F	I
	H	acyl	CF ₃	F	H
	H	acyl	CF ₃	F	NH ₂
	H	acyl	CF ₃	F	NH-cyclopropyl
	H	acyl	CF ₃	F	NH-methyl
	H	acyl	CF ₃	F	NH-ethyl
60	H	acyl	CF ₃	F	NH-acetyl
	H	acyl	CF ₃	F	OH
	H	acyl	CF ₃	F	OMe
	H	acyl	CF ₃	F	OEt
	H	acyl	CF ₃	F	O-cyclopropyl
	H	acyl	CF ₃	F	O-acetyl
	H	acyl	CF ₃	F	SH
65	H	acyl	CF ₃	F	SMe
	H	acyl	CF ₃	F	SEt

TABLE 8-continued

R ₂	R ₃	X ¹	X ²	Y
H	acyl	CF ₃	F	S-cyclopropyl
H	acyl	CF ₃	F	F
H	acyl	CF ₃	F	Cl
H	acyl	CF ₃	F	Br
H	acyl	CF ₃	F	I
H	amino acid	CF ₃	F	H
H	amino acid	CF ₃	F	NH ₂
H	amino acid	CF ₃	F	NH-cyclopropyl
H	amino acid	CF ₃	F	NH-methyl
H	amino acid	CF ₃	F	NH-ethyl
H	amino acid	CF ₃	F	NH-acetyl
H	amino acid	CF ₃	F	OH
H	amino acid	CF ₃	F	OMe
H	amino acid	CF ₃	F	OEt
H	amino acid	CF ₃	F	O-cyclopropyl
H	amino acid	CF ₃	F	O-acetyl
H	amino acid	CF ₃	F	SH
H	amino acid	CF ₃	F	SMe
H	amino acid	CF ₃	F	SEt
H	amino acid	CF ₃	F	S-cyclopropyl
H	amino acid	CF ₃	F	F
H	amino acid	CF ₃	F	Cl
H	amino acid	CF ₃	F	Br
H	amino acid	CF ₃	F	I
amino acid	amino acid	CF ₃	F	H
amino acid	amino acid	CF ₃	F	NH ₂
amino acid	amino acid	CF ₃	F	NH-cyclopropyl
amino acid	amino acid	CF ₃	F	NH-methyl
amino acid	amino acid	CF ₃	F	NH-ethyl
amino acid	amino acid	CF ₃	F	NH-acetyl
amino acid	amino acid	CF ₃	F	OH
amino acid	amino acid	CF ₃	F	OMe
amino acid	amino acid	CF ₃	F	OEt
amino acid	amino acid	CF ₃	F	O-cyclopropyl
amino acid	amino acid	CF ₃	F	O-acetyl
amino acid	amino acid	CF ₃	F	SH
amino acid	amino acid	CF ₃	F	SMe
amino acid	amino acid	CF ₃	F	SEt
amino acid	amino acid	CF ₃	F	S-cyclopropyl
amino acid	amino acid	CF ₃	F	F
amino acid	amino acid	CF ₃	F	Cl
amino acid	amino acid	CF ₃	F	Br
amino acid	amino acid	CF ₃	F	I
amino acid	H	CF ₃	F	H
amino acid	H	CF ₃	F	NH ₂
amino acid	H	CF ₃	F	NH-cyclopropyl
amino acid	H	CF ₃	F	NH-methyl
amino acid	H	CF ₃	F	NH-ethyl
amino acid	H	CF ₃	F	NH-acetyl
amino acid	H	CF ₃	F	OH
amino acid	H	CF ₃	F	OMe
amino acid	H	CF ₃	F	OEt
amino acid	H	CF ₃	F	O-cyclopropyl
amino acid	H	CF ₃	F	O-acetyl
amino acid	H	CF ₃	F	SH
amino acid	H	CF ₃	F	SMe
amino acid	H	CF ₃	F	SEt
amino acid	H	CF ₃	F	S-cyclopropyl
amino acid	H	CF ₃	F	F
amino acid	H	CF ₃	F	Cl
amino acid	H	CF ₃	F	Br
amino acid	H	CF ₃	F	I
amino acid	acyl	CF ₃	F	H
amino acid	acyl	CF ₃	F	NH ₂
amino acid	acyl	CF ₃	F	NH-cyclopropyl
amino acid	acyl	CF ₃	F	NH-methyl
amino acid	acyl	CF ₃	F	NH-ethyl
amino acid	acyl	CF ₃	F	NH-acetyl
amino acid	acyl	CF ₃	F	OH
amino acid	acyl	CF ₃	F	OMe
amino acid	acyl	CF ₃	F	OEt
amino acid	acyl	CF ₃	F	O-cyclopropyl
amino acid	acyl	CF ₃	F	O-acetyl
amino acid	acyl	CF ₃	F	SH
amino acid	acyl	CF ₃	F	SMe
amino acid	acyl	CF ₃	F	SEt
amino acid	acyl	CF ₃	F	S-cyclopropyl
amino acid	acyl	CF ₃	F	F

TABLE 8-continued

R ₂	R ₃	X ¹	X ²	Y
5	amino acid	acyl	CF ₃	F
	amino acid	acyl	CF ₃	Cl
	amino acid	acyl	CF ₃	Br
	amino acid	acyl	CF ₃	I
	acyl	H	Br	H
	acyl	H	Br	NH ₂
10	acyl	H	Br	NH-cyclopropyl
	acyl	H	Br	NH-methyl
	acyl	H	Br	NH-ethyl
	acyl	H	Br	NH-acetyl
	acyl	H	Br	OH
	acyl	H	Br	OMe
15	acyl	H	Br	OEt
	acyl	H	Br	O-cyclopropyl
	acyl	H	Br	O-acetyl
	acyl	H	Br	SH
	acyl	H	Br	SMe
	acyl	H	Br	SEt
20	acyl	H	Br	S-cyclopropyl
	acyl	H	Br	F
	acyl	H	Br	Cl
	acyl	H	Br	Br
	acyl	H	Br	I
	acyl	acyl	Br	H
25	acyl	acyl	Br	NH ₂
	acyl	acyl	Br	NH-cyclopropyl
	acyl	acyl	Br	NH-methyl
	acyl	acyl	Br	NH-ethyl
	acyl	acyl	Br	NH-acetyl
	acyl	acyl	Br	OH
	acyl	acyl	Br	OMe
30	acyl	acyl	Br	OEt
	acyl	acyl	Br	O-cyclopropyl
	acyl	acyl	Br	O-acetyl
	acyl	acyl	Br	SH
	acyl	acyl	Br	SMe
	acyl	acyl	Br	SEt
35	acyl	acyl	Br	S-cyclopropyl
	acyl	acyl	Br	F
	acyl	acyl	Br	Cl
	acyl	acyl	Br	Br
	acyl	acyl	Br	I
	acyl	amino acid	Br	H
40	acyl	amino acid	Br	NH ₂
	acyl	amino acid	Br	NH-cyclopropyl
	acyl	amino acid	Br	NH-methyl
	acyl	amino acid	Br	NH-ethyl
	acyl	amino acid	Br	NH-acetyl
	acyl	amino acid	Br	OH
	acyl	amino acid	Br	OMe
45	acyl	amino acid	Br	OEt
	acyl	amino acid	Br	O-cyclopropyl
	acyl	amino acid	Br	O-acetyl
	acyl	amino acid	Br	SH
	acyl	amino acid	Br	SMe
	acyl	amino acid	Br	SEt
50	acyl	amino acid	Br	S-cyclopropyl
	acyl	amino acid	Br	F
	acyl	amino acid	Br	Cl
	acyl	amino acid	Br	Br
	acyl	amino acid	Br	I
	acyl	H	Br	H
55	H	acyl	Br	NH ₂
	H	acyl	Br	NH-cyclopropyl
	H	acyl	Br	NH-methyl
	H	acyl	Br	NH-ethyl
	H	acyl	Br	NH-acetyl
	H	acyl	Br	OH
	H	acyl	Br	OMe
60	H	acyl	Br	OEt
	H	acyl	Br	O-cyclopropyl
	H	acyl	Br	O-acetyl
	H	acyl	Br	SH
	H	acyl	Br	SMe
	H	acyl	Br	SEt
65	H	acyl	Br	S-cyclopropyl
	H	acyl	Br	F

TABLE 8-continued

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TABLE 8-continued

R ₂	R ₃	X ¹	X ²	Y
H	acyl	Cl	F	I
H	amino acid	Cl	F	H
H	amino acid	Cl	F	NH ₂
H	amino acid	Cl	F	NH-cyclopropyl
H	amino acid	Cl	F	NH-methyl
H	amino acid	Cl	F	NH-ethyl
H	amino acid	Cl	F	NH-acetyl
H	amino acid	Cl	F	OH
H	amino acid	Cl	F	OMe
H	amino acid	Cl	F	OEt
H	amino acid	Cl	F	O-cyclopropyl
H	amino acid	Cl	F	O-acetyl
H	amino acid	Cl	F	SH
H	amino acid	Cl	F	SMe
H	amino acid	Cl	F	SEt
H	amino acid	Cl	F	S-cyclopropyl
H	amino acid	Cl	F	F
H	amino acid	Cl	F	Cl
H	amino acid	Cl	F	Br
H	amino acid	Cl	F	I
H	amino acid	Cl	F	I
amino acid	amino acid	Cl	F	H
amino acid	amino acid	Cl	F	NH ₂
amino acid	amino acid	Cl	F	NH-cyclopropyl
amino acid	amino acid	Cl	F	NH-methyl
amino acid	amino acid	Cl	F	NH-ethyl
amino acid	amino acid	Cl	F	NH-acetyl
amino acid	amino acid	Cl	F	OH
amino acid	amino acid	Cl	F	OMe
amino acid	amino acid	Cl	F	OEt
amino acid	amino acid	Cl	F	O-cyclopropyl
amino acid	amino acid	Cl	F	O-acetyl
amino acid	amino acid	Cl	F	SH
amino acid	amino acid	Cl	F	SMe
amino acid	amino acid	Cl	F	SEt
amino acid	amino acid	Cl	F	S-cyclopropyl
amino acid	amino acid	Cl	F	F
amino acid	amino acid	Cl	F	Cl
amino acid	amino acid	Cl	F	Br
amino acid	amino acid	Cl	F	I
amino acid	H	Cl	F	H
amino acid	H	Cl	F	NH ₂
amino acid	H	Cl	F	NH-cyclopropyl
amino acid	H	Cl	F	NH-methyl
amino acid	H	Cl	F	NH-ethyl
amino acid	H	Cl	F	NH-acetyl
amino acid	H	Cl	F	OH
amino acid	H	Cl	F	OMe
amino acid	H	Cl	F	OEt
amino acid	H	Cl	F	O-cyclopropyl
amino acid	H	Cl	F	O-acetyl
amino acid	H	Cl	F	SH
amino acid	H	Cl	F	SMe
amino acid	H	Cl	F	SEt
amino acid	H	Cl	F	S-cyclopropyl
amino acid	H	Cl	F	F
amino acid	H	Cl	F	Cl
amino acid	H	Cl	F	Br
amino acid	H	Cl	F	I
amino acid	acyl	Cl	F	H
amino acid	acyl	Cl	F	NH ₂
amino acid	acyl	Cl	F	NH-cyclopropyl
amino acid	acyl	Cl	F	NH-methyl
amino acid	acyl	Cl	F	NH-ethyl
amino acid	acyl	Cl	F	NH-acetyl
amino acid	acyl	Cl	F	OH
amino acid	acyl	Cl	F	OMe
amino acid	acyl	Cl	F	OEt
amino acid	acyl	Cl	F	O-cyclopropyl
amino acid	acyl	Cl	F	O-acetyl
amino acid	acyl	Cl	F	SH
amino acid	acyl	Cl	F	SMe
amino acid	acyl	Cl	F	SEt
amino acid	acyl	Cl	F	S-cyclopropyl
amino acid	acyl	Cl	F	F
amino acid	acyl	Cl	F	Cl
amino acid	acyl	Cl	F	Br
amino acid	acyl	Cl	F	I

TABLE 8-continued

R ₂	R ₃	X ¹	X ²	Y
5	acyl	H	F	H
	acyl	H	F	NH ₂
	acyl	H	F	NH-cyclopropyl
	acyl	H	F	NH-methyl
	acyl	H	F	NH-ethyl
	acyl	H	F	NH-acetyl
10	acyl	H	F	OH
	acyl	H	F	OMe
	acyl	H	F	OEt
	acyl	H	F	O-cyclopropyl
	acyl	H	F	O-acetyl
	acyl	H	F	SH
15	acyl	H	F	SMe
	acyl	H	F	SEt
	acyl	H	F	S-cyclopropyl
	acyl	H	F	F
	acyl	H	F	Cl
	acyl	H	F	Br
	acyl	H	F	I
20	acyl	acyl	F	H
	acyl	acyl	F	NH ₂
	acyl	acyl	F	NH-cyclopropyl
	acyl	acyl	F	NH-methyl
	acyl	acyl	F	NH-ethyl
	acyl	acyl	F	NH-acetyl
25	acyl	acyl	F	OH
	acyl	acyl	F	OMe
	acyl	acyl	F	OEt
	acyl	acyl	F	O-cyclopropyl
	acyl	acyl	F	O-acetyl
	acyl	acyl	F	SH
30	acyl	acyl	F	SMe
	acyl	acyl	F	SEt
	acyl	acyl	F	S-cyclopropyl
	acyl	acyl	F	F
	acyl	acyl	F	Cl
	acyl	acyl	F	Br
35	acyl	acyl	F	I
	acyl	amino acid	F	H
	acyl	amino acid	F	NH ₂
	acyl	amino acid	F	NH-cyclopropyl
	acyl	amino acid	F	NH-methyl
	acyl	amino acid	F	NH-ethyl
	acyl	amino acid	F	NH-acetyl
40	acyl	amino acid	F	OH
	acyl	amino acid	F	OMe
	acyl	amino acid	F	OEt
	acyl	amino acid	F	O-cyclopropyl
	acyl	amino acid	F	O-acetyl
	acyl	amino acid	F	SH
45	acyl	amino acid	F	SMe
	acyl	amino acid	F	SEt
	acyl	amino acid	F	S-cyclopropyl
	acyl	amino acid	F	F
	acyl	amino acid	F	Cl
	acyl	amino acid	F	Br
50	acyl	amino acid	F	I
	H	acyl	F	H
	H	acyl	F	NH ₂
	H	acyl	F	NH-cyclopropyl
	H	acyl	F	NH-methyl
	H	acyl	F	NH-ethyl
55	H	acyl	F	NH-acetyl
	H	acyl	F	OH
	H	acyl	F	OMe
	H	acyl	F	OEt
	H	acyl	F	O-cyclopropyl
	H	acyl	F	O-acetyl
	H	acyl	F	SH
60	H	acyl	F	SMe
	H	acyl	F	SEt
	H	acyl	F	S-cyclopropyl
	H	acyl	F	F
	H	acyl	F	Cl
	H	acyl	F	Br
65	H	acyl	F	I
	H	amino acid	F	H

TABLE 8-continued

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TABLE 8-continued

R ₂	R ₃	X ¹	X ²	Y
H	amino acid	NH ₂	F	NH-methyl
H	amino acid	NH ₂	F	NH-ethyl
H	amino acid	NH ₂	F	NH-acetyl
H	amino acid	NH ₂	F	OH
H	amino acid	NH ₂	F	OMe
H	amino acid	NH ₂	F	OEt
H	amino acid	NH ₂	F	O-cyclopropyl
H	amino acid	NH ₂	F	O-acetyl
H	amino acid	NH ₂	F	SH
H	amino acid	NH ₂	F	SMe
H	amino acid	NH ₂	F	SEt
H	amino acid	NH ₂	F	S-cyclopropyl
H	amino acid	NH ₂	F	F
H	amino acid	NH ₂	F	Cl
H	amino acid	NH ₂	F	Br
H	amino acid	NH ₂	F	I
amino acid	amino acid	NH ₂	F	H
amino acid	amino acid	NH ₂	F	NH ₂
amino acid	amino acid	NH ₂	F	NH-cyclopropyl
amino acid	amino acid	NH ₂	F	NH-methyl
amino acid	amino acid	NH ₂	F	NH-ethyl
amino acid	amino acid	NH ₂	F	NH-acetyl
amino acid	amino acid	NH ₂	F	OH
amino acid	amino acid	NH ₂	F	OMe
amino acid	amino acid	NH ₂	F	OEt
amino acid	amino acid	NH ₂	F	O-cyclopropyl
amino acid	amino acid	NH ₂	F	O-acetyl
amino acid	amino acid	NH ₂	F	SH
amino acid	amino acid	NH ₂	F	SMe
amino acid	amino acid	NH ₂	F	SEt
amino acid	amino acid	NH ₂	F	S-cyclopropyl
amino acid	amino acid	NH ₂	F	F
amino acid	amino acid	NH ₂	F	Cl
amino acid	amino acid	NH ₂	F	Br
amino acid	amino acid	NH ₂	F	I
amino acid	H	NH ₂	F	H
amino acid	H	NH ₂	F	NH ₂
amino acid	H	NH ₂	F	NH-cyclopropyl
amino acid	H	NH ₂	F	NH-methyl
amino acid	H	NH ₂	F	NH-ethyl
amino acid	H	NH ₂	F	NH-acetyl
amino acid	H	NH ₂	F	OH
amino acid	H	NH ₂	F	OMe
amino acid	H	NH ₂	F	OEt
amino acid	H	NH ₂	F	O-cyclopropyl
amino acid	H	NH ₂	F	O-acetyl
amino acid	H	NH ₂	F	SH
amino acid	H	NH ₂	F	SMe
amino acid	H	NH ₂	F	SEt
amino acid	H	NH ₂	F	S-cyclopropyl
amino acid	H	NH ₂	F	F
amino acid	H	NH ₂	F	Cl
amino acid	H	NH ₂	F	Br
amino acid	H	NH ₂	F	I
amino acid	acyl	NH ₂	F	H
amino acid	acyl	NH ₂	F	NH ₂
amino acid	acyl	NH ₂	F	NH-cyclopropyl
amino acid	acyl	NH ₂	F	NH-methyl
amino acid	acyl	NH ₂	F	NH-ethyl
amino acid	acyl	NH ₂	F	NH-acetyl
amino acid	acyl	NH ₂	F	OH
amino acid	acyl	NH ₂	F	OMe
amino acid	acyl	NH ₂	F	OEt
amino acid	acyl	NH ₂	F	O-cyclopropyl
amino acid	acyl	NH ₂	F	O-acetyl
amino acid	acyl	NH ₂	F	SH
amino acid	acyl	NH ₂	F	SMe
amino acid	acyl	NH ₂	F	SEt
amino acid	acyl	NH ₂	F	S-cyclopropyl
amino acid	acyl	NH ₂	F	F
amino acid	acyl	NH ₂	F	Cl
amino acid	acyl	NH ₂	F	Br
amino acid	acyl	NH ₂	F	I
acyl	H	SH	F	H
acyl	H	SH	F	NH ₂
acyl	H	SH	F	NH-cyclopropyl
acyl	H	SH	F	NH-methyl

TABLE 8-continued

	R ₂	R ₃	X ¹	X ²	Y
5	acyl	H	SH	F	NH-ethyl
	acyl	H	SH	F	NH-acetyl
	acyl	H	SH	F	OH
	acyl	H	SH	F	OMe
	acyl	H	SH	F	OEt
	acyl	H	SH	F	O-cyclopropyl
10	acyl	H	SH	F	O-acetyl
	acyl	H	SH	F	SH
	acyl	H	SH	F	SMe
	acyl	H	SH	F	SEt
	acyl	H	SH	F	S-cyclopropyl
	acyl	H	SH	F	F
15	acyl	H	SH	F	Cl
	acyl	H	SH	F	Br
	acyl	H	SH	F	I
	acyl	acyl	SH	F	H
	acyl	acyl	SH	F	NH ₂
	acyl	acyl	SH	F	NH-cyclopropyl
20	acyl	acyl	SH	F	NH-methyl
	acyl	acyl	SH	F	NH-ethyl
	acyl	acyl	SH	F	NH-acetyl
	acyl	acyl	SH	F	OH
	acyl	acyl	SH	F	OMe
	acyl	acyl	SH	F	OEt
	acyl	acyl	SH	F	O-cyclopropyl
	acyl	acyl	SH	F	O-acetyl
	acyl	acyl	SH	F	SH
	acyl	acyl	SH	F	SMe
	acyl	acyl	SH	F	SEt
	acyl	acyl	SH	F	S-cyclopropyl
	acyl	acyl	SH	F	F
30	acyl	acyl	SH	F	Cl
	acyl	acyl	SH	F	Br
	acyl	acyl	SH	F	I
	acyl	amino acid	SH	F	H
	acyl	amino acid	SH	F	NH ₂
	acyl	amino acid	SH	F	NH-cyclopropyl
35	acyl	amino acid	SH	F	NH-methyl
	acyl	amino acid	SH	F	NH-ethyl
	acyl	amino acid	SH	F	NH-acetyl
	acyl	amino acid	SH	F	OH
	acyl	amino acid	SH	F	OMe
	acyl	amino acid	SH	F	OEt
	acyl	amino acid	SH	F	O-cyclopropyl
	acyl	amino acid	SH	F	O-acetyl
	acyl	amino acid	SH	F	SH
	acyl	amino acid	SH	F	SMe
	acyl	amino acid	SH	F	SEt
	acyl	amino acid	SH	F	S-cyclopropyl
	acyl	amino acid	SH	F	F
45	acyl	amino acid	SH	F	Cl
	acyl	amino acid	SH	F	Br
	acyl	amino acid	SH	F	I
	H	acyl	SH	F	H
	H	acyl	SH	F	NH ₂
	H	acyl	SH	F	NH-cyclopropyl
50	H	acyl	SH	F	NH-methyl
	H	acyl	SH	F	NH-ethyl
	H	acyl	SH	F	NH-acetyl
	H	acyl	SH	F	OH
	H	acyl	SH	F	OMe
	H	acyl	SH	F	OEt
55	H	acyl	SH	F	O-cyclopropyl
	H	acyl	SH	F	O-acetyl
	H	acyl	SH	F	SH
	H	acyl	SH	F	SMe
	H	acyl	SH	F	SEt
	H	acyl	SH	F	S-cyclopropyl
	H	acyl	SH	F	F
60	H	acyl	SH	F	Cl
	H	acyl	SH	F	Br
	H	acyl	SH	F	I
	H	amino acid	SH	F	H
	H	amino acid	SH	F	NH ₂
	H	amino acid	SH	F	NH-cyclopropyl
65	H	amino acid	SH	F	NH-methyl
	H	amino acid	SH	F	NH-ethyl

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TABLE 8-continued

R ₂	R ₃	X ¹	X ²	Y
H	amino acid	SH	F	NH-acetyl
H	amino acid	SH	F	OH
H	amino acid	SH	F	OMe
H	amino acid	SH	F	OEt
H	amino acid	SH	F	O-cyclopropyl
H	amino acid	SH	F	O-acetyl
H	amino acid	SH	F	SH
H	amino acid	SH	F	SMe
H	amino acid	SH	F	SEt
H	amino acid	SH	F	S-cyclopropyl
H	amino acid	SH	F	F
H	amino acid	SH	F	Cl
H	amino acid	SH	F	Br
H	amino acid	SH	F	I
amino acid	amino acid	SH	F	H
amino acid	amino acid	SH	F	NH ₂
amino acid	amino acid	SH	F	NH-cyclopropyl
amino acid	amino acid	SH	F	NH-methyl
amino acid	amino acid	SH	F	NH-ethyl
amino acid	amino acid	SH	F	NH-acetyl
amino acid	amino acid	SH	F	OH
amino acid	amino acid	SH	F	OMe
amino acid	amino acid	SH	F	OEt
amino acid	amino acid	SH	F	O-cyclopropyl
amino acid	amino acid	SH	F	O-acetyl
amino acid	amino acid	SH	F	SH
amino acid	amino acid	SH	F	SMe
amino acid	amino acid	SH	F	SEt
amino acid	amino acid	SH	F	S-cyclopropyl
amino acid	amino acid	SH	F	F
amino acid	amino acid	SH	F	Cl
amino acid	amino acid	SH	F	Br
amino acid	amino acid	SH	F	I
amino acid	H	SH	F	H
amino acid	H	SH	F	NH ₂
amino acid	H	SH	F	NH-cyclopropyl
amino acid	H	SH	F	NH-methyl
amino acid	H	SH	F	NH-ethyl
amino acid	H	SH	F	NH-acetyl
amino acid	H	SH	F	OH
amino acid	H	SH	F	OMe
amino acid	H	SH	F	OEt
amino acid	H	SH	F	O-cyclopropyl
amino acid	H	SH	F	O-acetyl
amino acid	H	SH	F	SH
amino acid	H	SH	F	SMe
amino acid	H	SH	F	SEt
amino acid	H	SH	F	S-cyclopropyl
amino acid	H	SH	F	F
amino acid	H	SH	F	Cl
amino acid	H	SH	F	Br
amino acid	H	SH	F	I
amino acid	acyl	SH	F	H
amino acid	acyl	SH	F	NH ₂
amino acid	acyl	SH	F	NH-cyclopropyl
amino acid	acyl	SH	F	NH-methyl
amino acid	acyl	SH	F	NH-ethyl
amino acid	acyl	SH	F	NH-acetyl
amino acid	acyl	SH	F	OH
amino acid	acyl	SH	F	OMe
amino acid	acyl	SH	F	OEt
amino acid	acyl	SH	F	O-cyclopropyl
amino acid	acyl	SH	F	O-acetyl
amino acid	acyl	SH	F	SH
amino acid	acyl	SH	F	SMe
amino acid	acyl	SH	F	SEt
amino acid	acyl	SH	F	S-cyclopropyl
amino acid	acyl	SH	F	F
amino acid	acyl	SH	F	Cl
amino acid	acyl	SH	F	Br
amino acid	acyl	SH	F	I
acyl	H	OH	F	H
acyl	H	OH	F	NH ₂
acyl	H	OH	F	NH-cyclopropyl
acyl	H	OH	F	NH-methyl
acyl	H	OH	F	NH-ethyl
acyl	H	OH	F	NH-acetyl

TABLE 8-continued

	R ₂	R ₃	X ¹	X ²	Y
5	acyl	H	OH	F	OH
	acyl	H	OH	F	OMe
	acyl	H	OH	F	OEt
	acyl	H	OH	F	O-cyclopropyl
	acyl	H	OH	F	O-acetyl
	acyl	H	OH	F	SH
10	acyl	H	OH	F	SMe
	acyl	H	OH	F	SEt
	acyl	H	OH	F	S-cyclopropyl
	acyl	H	OH	F	F
	acyl	H	OH	F	Cl
	acyl	H	OH	F	Br
15	acyl	H	OH	F	I
	acyl	acyl	OH	F	H
	acyl	acyl	OH	F	NH ₂
	acyl	acyl	OH	F	NH-cyclopropyl
	acyl	acyl	OH	F	NH-methyl
	acyl	acyl	OH	F	NH-ethyl
20	acyl	acyl	OH	F	NH-acetyl
	acyl	acyl	OH	F	OH
	acyl	acyl	OH	F	OMe
	acyl	acyl	OH	F	OEt
	acyl	acyl	OH	F	O-cyclopropyl
	acyl	acyl	OH	F	O-acetyl
	acyl	acyl	OH	F	SH
25	acyl	acyl	OH	F	SMe
	acyl	acyl	OH	F	SEt
	acyl	acyl	OH	F	S-cyclopropyl
	acyl	acyl	OH	F	F
	acyl	acyl	OH	F	Cl
	acyl	acyl	OH	F	Br
30	acyl	acyl	OH	F	I
	acyl	amino acid	OH	F	H
	acyl	amino acid	OH	F	NH ₂
	acyl	amino acid	OH	F	NH-cyclopropyl
	acyl	amino acid	OH	F	NH-methyl
	acyl	amino acid	OH	F	NH-ethyl
35	acyl	amino acid	OH	F	NH-acetyl
	acyl	amino acid	OH	F	OH
	acyl	amino acid	OH	F	OMe
	acyl	amino acid	OH	F	OEt
	acyl	amino acid	OH	F	O-cyclopropyl
	acyl	amino acid	OH	F	O-acetyl
40	acyl	amino acid	OH	F	SH
	acyl	amino acid	OH	F	SMe
	acyl	amino acid	OH	F	SEt
	acyl	amino acid	OH	F	S-cyclopropyl
	acyl	amino acid	OH	F	F
	acyl	amino acid	OH	F	Cl
	acyl	amino acid	OH	F	Br
45	acyl	amino acid	OH	F	I
	H	acyl	OH	F	H
	H	acyl	OH	F	NH ₂
	H	acyl	OH	F	NH-cyclopropyl
	H	acyl	OH	F	NH-methyl
	H	acyl	OH	F	NH-ethyl
50	H	acyl	OH	F	NH-acetyl
	H	acyl	OH	F	OH
	H	acyl	OH	F	OMe
	H	acyl	OH	F	OEt
	H	acyl	OH	F	O-cyclopropyl
	H	acyl	OH	F	O-acetyl
55	H	acyl	OH	F	SH
	H	acyl	OH	F	SMe
	H	acyl	OH	F	SEt
	H	acyl	OH	F	S-cyclopropyl
	H	acyl	OH	F	F
	H	acyl	OH	F	Cl
	H	acyl	OH	F	Br
60	H	acyl	OH	F	I
	H	amino acid	OH	F	H
	H	amino acid	OH	F	NH ₂
	H	amino acid	OH	F	NH-cyclopropyl
	H	amino acid	OH	F	NH-methyl
	H	amino acid	OH	F	NH-ethyl
65	H	amino acid	OH	F	NH-acetyl
	H	amino acid	OH	F	OH

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TABLE 8-continued

R ₂	R ₃	X ¹	X ²	Y
H	amino acid	OH	F	OMe
H	amino acid	OH	F	OEt
H	amino acid	OH	F	O-cyclopropyl
H	amino acid	OH	F	O-acetyl
H	amino acid	OH	F	SH
H	amino acid	OH	F	SMe
H	amino acid	OH	F	SEt
H	amino acid	OH	F	S-cyclopropyl
H	amino acid	OH	F	F
H	amino acid	OH	F	Cl
H	amino acid	OH	F	Br
H	amino acid	OH	F	I
amino acid	amino acid	OH	F	H
amino acid	amino acid	OH	F	NH ₂
amino acid	amino acid	OH	F	NH-cyclopropyl
amino acid	amino acid	OH	F	NH-methyl
amino acid	amino acid	OH	F	NH-ethyl
amino acid	amino acid	OH	F	NH-acetyl
amino acid	amino acid	OH	F	OH
amino acid	amino acid	OH	F	OMe
amino acid	amino acid	OH	F	OEt
amino acid	amino acid	OH	F	O-cyclopropyl
amino acid	amino acid	OH	F	O-acetyl
amino acid	amino acid	OH	F	SH
amino acid	amino acid	OH	F	SMe
amino acid	amino acid	OH	F	SEt
amino acid	amino acid	OH	F	S-cyclopropyl
amino acid	amino acid	OH	F	F
amino acid	amino acid	OH	F	Cl
amino acid	amino acid	OH	F	Br
amino acid	amino acid	OH	F	I
amino acid	H	OH	F	H
amino acid	H	OH	F	NH ₂
amino acid	H	OH	F	NH-cyclopropyl
amino acid	H	OH	F	NH-methyl
amino acid	H	OH	F	NH-ethyl
amino acid	H	OH	F	NH-acetyl
amino acid	H	OH	F	OH
amino acid	H	OH	F	OMe
amino acid	H	OH	F	OEt
amino acid	H	OH	F	O-cyclopropyl
amino acid	H	OH	F	O-acetyl
amino acid	H	OH	F	SH
amino acid	H	OH	F	SMe
amino acid	H	OH	F	SEt
amino acid	H	OH	F	S-cyclopropyl
amino acid	H	OH	F	F
amino acid	H	OH	F	Cl
amino acid	H	OH	F	Br
amino acid	H	OH	F	I
amino acid	acyl	OH	F	H
amino acid	acyl	OH	F	NH ₂
amino acid	acyl	OH	F	NH-cyclopropyl
amino acid	acyl	OH	F	NH-methyl
amino acid	acyl	OH	F	NH-ethyl
amino acid	acyl	OH	F	NH-acetyl
amino acid	acyl	OH	F	OH
amino acid	acyl	OH	F	OMe
amino acid	acyl	OH	F	OEt
amino acid	acyl	OH	F	O-cyclopropyl
amino acid	acyl	OH	F	O-acetyl
amino acid	acyl	OH	F	SH
amino acid	acyl	OH	F	SMe
amino acid	acyl	OH	F	SEt
amino acid	acyl	OH	F	S-cyclopropyl
amino acid	acyl	OH	F	F
amino acid	acyl	OH	F	Cl
amino acid	acyl	OH	F	Br
amino acid	acyl	OH	F	I
acyl	H	CH ₃	NH ₂	H
acyl	H	CH ₃	NH ₂	NH ₂
acyl	H	CH ₃	NH ₂	NH-cyclopropyl
acyl	H	CH ₃	NH ₂	NH-methyl
acyl	H	CH ₃	NH ₂	NH-ethyl
acyl	H	CH ₃	NH ₂	NH-acetyl
acyl	H	CH ₃	NH ₂	OH
acyl	H	CH ₃	NH ₂	OMe

TABLE 8-continued

	R ₂	R ₃	X ¹	X ²	Y
5	acyl	H	CH ₃	NH ₂	OEt
	acyl	H	CH ₃	NH ₂	O-cyclopropyl
	acyl	H	CH ₃	NH ₂	O-acetyl
	acyl	H	CH ₃	NH ₂	SH
	acyl	H	CH ₃	NH ₂	SMe
	acyl	H	CH ₃	NH ₂	SEt
10	acyl	H	CH ₃	NH ₂	S-cyclopropyl
	acyl	H	CH ₃	NH ₂	F
	acyl	H	CH ₃	NH ₂	Cl
	acyl	H	CH ₃	NH ₂	Br
	acyl	H	CH ₃	NH ₂	I
	acyl	acyl	CH ₃	NH ₂	H
15	acyl	acyl	CH ₃	NH ₂	NH ₂
	acyl	acyl	CH ₃	NH ₂	NH-cyclopropyl
	acyl	acyl	CH ₃	NH ₂	NH-methyl
	acyl	acyl	CH ₃	NH ₂	NH-ethyl
	acyl	acyl	CH ₃	NH ₂	NH-acetyl
	acyl	acyl	CH ₃	NH ₂	OH
20	acyl	acyl	CH ₃	NH ₂	OMe
	acyl	acyl	CH ₃	NH ₂	OEt
	acyl	acyl	CH ₃	NH ₂	O-cyclopropyl
	acyl	acyl	CH ₃	NH ₂	O-acetyl
	acyl	acyl	CH ₃	NH ₂	SH
	acyl	acyl	CH ₃	NH ₂	SMe
	acyl	acyl	CH ₃	NH ₂	SEt
25	acyl	acyl	CH ₃	NH ₂	S-cyclopropyl
	acyl	acyl	CH ₃	NH ₂	F
	acyl	acyl	CH ₃	NH ₂	Cl
	acyl	acyl	CH ₃	NH ₂	Br
	acyl	acyl	CH ₃	NH ₂	I
	acyl	amino acid	CH ₃	NH ₂	H
30	acyl	amino acid	CH ₃	NH ₂	NH ₂
	acyl	amino acid	CH ₃	NH ₂	NH-cyclopropyl
	acyl	amino acid	CH ₃	NH ₂	NH-methyl
	acyl	amino acid	CH ₃	NH ₂	NH-ethyl
	acyl	amino acid	CH ₃	NH ₂	NH-acetyl
	acyl	amino acid	CH ₃	NH ₂	OH
35	acyl	amino acid	CH ₃	NH ₂	OMe
	acyl	amino acid	CH ₃	NH ₂	OEt
	acyl	amino acid	CH ₃	NH ₂	O-cyclopropyl
	acyl	amino acid	CH ₃	NH ₂	O-acetyl
	acyl	amino acid	CH ₃	NH ₂	SH
	acyl	amino acid	CH ₃	NH ₂	SMe
40	acyl	amino acid	CH ₃	NH ₂	SEt
	acyl	amino acid	CH ₃	NH ₂	S-cyclopropyl
	acyl	amino acid	CH ₃	NH ₂	F
	acyl	amino acid	CH ₃	NH ₂	Cl
	acyl	amino acid	CH ₃	NH ₂	Br
	acyl	amino acid	CH ₃	NH ₂	I
	H	acyl	CH ₃	NH ₂	H
45	H	acyl	CH ₃	NH ₂	NH ₂
	H	acyl	CH ₃	NH ₂	NH-cyclopropyl
	H	acyl	CH ₃	NH ₂	NH-methyl
	H	acyl	CH ₃	NH ₂	NH-ethyl
	H	acyl	CH ₃	NH ₂	NH-acetyl
	H	acyl	CH ₃	NH ₂	OH
50	H	acyl	CH ₃	NH ₂	OMe
	H	acyl	CH ₃	NH ₂	OEt
	H	acyl	CH ₃	NH ₂	O-cyclopropyl
	H	acyl	CH ₃	NH ₂	O-acetyl
	H	acyl	CH ₃	NH ₂	SH
	H	acyl	CH ₃	NH ₂	SMe
55	H	acyl	CH ₃	NH ₂	SEt
	H	acyl	CH ₃	NH ₂	S-cyclopropyl
	H	acyl	CH ₃	NH ₂	F
	H	acyl	CH ₃	NH ₂	Cl
	H	acyl	CH ₃	NH ₂	Br
	H	acyl	CH ₃	NH ₂	I
	H	amino acid	CH ₃	NH ₂	H
60	H	amino acid	CH ₃	NH ₂	NH ₂
	H	amino acid	CH ₃	NH ₂	NH-cyclopropyl
	H	amino acid	CH ₃	NH ₂	NH-methyl
	H	amino acid	CH ₃	NH ₂	NH-ethyl
	H	amino acid	CH ₃	NH ₂	NH-acetyl
	H	amino acid	CH ₃	NH ₂	OH
65	H	amino acid	CH ₃	NH ₂	OMe
	H	amino acid	CH ₃	NH ₂	OEt

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TABLE 8-continued

R ₂	R ₃	X ¹	X ²	Y
H	amino acid	CH ₃	NH ₂	O-cyclopropyl
H	amino acid	CH ₃	NH ₂	O-acetyl
H	amino acid	CH ₃	NH ₂	SH
H	amino acid	CH ₃	NH ₂	SMe
H	amino acid	CH ₃	NH ₂	SEt
H	amino acid	CH ₃	NH ₂	S-cyclopropyl
H	amino acid	CH ₃	NH ₂	F
H	amino acid	CH ₃	NH ₂	Cl
H	amino acid	CH ₃	NH ₂	Br
H	amino acid	CH ₃	NH ₂	I
amino acid	amino acid	CH ₃	NH ₂	H
amino acid	amino acid	CH ₃	NH ₂	NH ₂
amino acid	amino acid	CH ₃	NH ₂	NH-cyclopropyl
amino acid	amino acid	CH ₃	NH ₂	NH-methyl
amino acid	amino acid	CH ₃	NH ₂	NH-ethyl
amino acid	amino acid	CH ₃	NH ₂	NH-acetyl
amino acid	amino acid	CH ₃	NH ₂	OH
amino acid	amino acid	CH ₃	NH ₂	OMe
amino acid	amino acid	CH ₃	NH ₂	OEt
amino acid	amino acid	CH ₃	NH ₂	O-cyclopropyl
amino acid	amino acid	CH ₃	NH ₂	O-acetyl
amino acid	amino acid	CH ₃	NH ₂	SH
amino acid	amino acid	CH ₃	NH ₂	SMe
amino acid	amino acid	CH ₃	NH ₂	SEt
amino acid	amino acid	CH ₃	NH ₂	S-cyclopropyl
amino acid	amino acid	CH ₃	NH ₂	F
amino acid	amino acid	CH ₃	NH ₂	Cl
amino acid	amino acid	CH ₃	NH ₂	Br
amino acid	amino acid	CH ₃	NH ₂	I
amino acid	amino acid	CH ₃	NH ₂	H
amino acid	H	CH ₃	NH ₂	NH ₂
amino acid	H	CH ₃	NH ₂	NH-cyclopropyl
amino acid	H	CH ₃	NH ₂	NH-methyl
amino acid	H	CH ₃	NH ₂	NH-ethyl
amino acid	H	CH ₃	NH ₂	NH-acetyl
amino acid	H	CH ₃	NH ₂	OH
amino acid	H	CH ₃	NH ₂	OMe
amino acid	H	CH ₃	NH ₂	OEt
amino acid	H	CH ₃	NH ₂	O-cyclopropyl
amino acid	H	CH ₃	NH ₂	O-acetyl
amino acid	H	CH ₃	NH ₂	SH
amino acid	H	CH ₃	NH ₂	SMe
amino acid	H	CH ₃	NH ₂	SEt
amino acid	H	CH ₃	NH ₂	S-cyclopropyl
amino acid	H	CH ₃	NH ₂	F
amino acid	H	CH ₃	NH ₂	Cl
amino acid	H	CH ₃	NH ₂	Br
amino acid	H	CH ₃	NH ₂	I
amino acid	H	CH ₃	NH ₂	H
acyl	acyl	CH ₃	NH ₂	NH ₂
amino acid	acyl	CH ₃	NH ₂	NH-cyclopropyl
amino acid	acyl	CH ₃	NH ₂	NH-methyl
amino acid	acyl	CH ₃	NH ₂	NH-ethyl
amino acid	acyl	CH ₃	NH ₂	NH-acetyl
amino acid	acyl	CH ₃	NH ₂	OH
amino acid	acyl	CH ₃	NH ₂	OMe
amino acid	acyl	CH ₃	NH ₂	OEt
amino acid	acyl	CH ₃	NH ₂	O-cyclopropyl
amino acid	acyl	CH ₃	NH ₂	O-acetyl
amino acid	acyl	CH ₃	NH ₂	SH
amino acid	acyl	CH ₃	NH ₂	SMe
amino acid	acyl	CH ₃	NH ₂	SEt
amino acid	acyl	CH ₃	NH ₂	S-cyclopropyl
amino acid	acyl	CH ₃	NH ₂	F
amino acid	acyl	CH ₃	NH ₂	Cl
amino acid	acyl	CH ₃	NH ₂	Br
amino acid	acyl	CH ₃	NH ₂	I
amino acid	acyl	CH ₃	NH ₂	H
acyl	H	CF ₃	NH ₂	NH ₂
acyl	H	CF ₃	NH ₂	NH-cyclopropyl
acyl	H	CF ₃	NH ₂	NH-methyl
acyl	H	CF ₃	NH ₂	NH-ethyl
acyl	H	CF ₃	NH ₂	NH-acetyl
acyl	H	CF ₃	NH ₂	OH
acyl	H	CF ₃	NH ₂	OMe
acyl	H	CF ₃	NH ₂	OEt
acyl	H	CF ₃	NH ₂	O-cyclopropyl
acyl	H	CF ₃	NH ₂	O-acetyl

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TABLE 8-continued

R ₂	R ₃	X ¹	X ²	Y
5 acyl	H	CF ₃	NH ₂	O-acetyl
acyl	H	CF ₃	NH ₂	SH
acyl	H	CF ₃	NH ₂	SMe
acyl	H	CF ₃	NH ₂	SEt
acyl	H	CF ₃	NH ₂	S-cyclopropyl
acyl	H	CF ₃	NH ₂	F
10 acyl	H	CF ₃	NH ₂	Cl
acyl	H	CF ₃	NH ₂	Br
acyl	H	CF ₃	NH ₂	I
acyl	acyl	CF ₃	NH ₂	H
acyl	acyl	CF ₃	NH ₂	NH ₂
acyl	acyl	CF ₃	NH ₂	NH-cyclopropyl
15 acyl	acyl	CF ₃	NH ₂	NH-methyl
acyl	acyl	CF ₃	NH ₂	NH-ethyl
acyl	acyl	CF ₃	NH ₂	NH-acetyl
acyl	acyl	CF ₃	NH ₂	OH
acyl	acyl	CF ₃	NH ₂	OMe
acyl	acyl	CF ₃	NH ₂	OEt
acyl	acyl	CF ₃	NH ₂	O-cyclopropyl
20 acyl	acyl	CF ₃	NH ₂	O-acetyl
acyl	acyl	CF ₃	NH ₂	SH
acyl	acyl	CF ₃	NH ₂	SMe
acyl	acyl	CF ₃	NH ₂	SEt
acyl	acyl	CF ₃	NH ₂	S-cyclopropyl
acyl	acyl	CF ₃	NH ₂	F
25 acyl	acyl	CF ₃	NH ₂	Cl
acyl	acyl	CF ₃	NH ₂	Br
acyl	acyl	CF ₃	NH ₂	I
acyl	amino acid	CF ₃	NH ₂	H
acyl	amino acid	CF ₃	NH ₂	NH ₂
acyl	amino acid	CF ₃	NH ₂	NH-cyclopropyl
acyl	amino acid	CF ₃	NH ₂	NH-methyl
acyl	amino acid	CF ₃	NH ₂	NH-ethyl
acyl	amino acid	CF ₃	NH ₂	NH-acetyl
acyl	amino acid	CF ₃	NH ₂	OH
acyl	amino acid	CF ₃	NH ₂	OMe
acyl	amino acid	CF ₃	NH ₂	OEt
acyl	amino acid	CF ₃	NH ₂	O-cyclopropyl
acyl	amino acid	CF ₃	NH ₂	O-acetyl
acyl	amino acid	CF ₃	NH ₂	SH
acyl	amino acid	CF ₃	NH ₂	SMe
acyl	amino acid	CF ₃	NH ₂	SEt
acyl	amino acid	CF ₃	NH ₂	S-cyclopropyl
acyl	amino acid	CF ₃	NH ₂	F
40 acyl	amino acid	CF ₃	NH ₂	Cl
acyl	amino acid	CF ₃	NH ₂	Br
acyl	amino acid	CF ₃	NH ₂	I
H	acyl	CF ₃	NH ₂	H
H	acyl	CF ₃	NH ₂	NH ₂
H	acyl	CF ₃	NH ₂	NH-cyclopropyl
H	acyl	CF ₃	NH ₂	NH-methyl
H	acyl	CF ₃	NH ₂	NH-ethyl
H	acyl	CF ₃	NH ₂	NH-acetyl
H	acyl	CF ₃	NH ₂	OH
H	acyl	CF ₃	NH ₂	OMe
H	acyl	CF ₃	NH ₂	OEt
H	acyl	CF ₃	NH ₂	O-cyclopropyl
H	acyl	CF ₃	NH ₂	O-acetyl
H	acyl	CF ₃	NH ₂	SH
H	acyl	CF ₃	NH ₂	SMe
H	acyl	CF ₃	NH ₂	SEt
H	acyl	CF ₃	NH ₂	S-cyclopropyl
H	acyl	CF ₃	NH ₂	F
H	acyl	CF ₃	NH ₂	Cl
H	acyl	CF ₃	NH ₂	Br
H	acyl	CF ₃	NH ₂	I
H	acyl	CF ₃	NH ₂	H
H	acyl	CF ₃	NH ₂	NH ₂
H	acyl	CF ₃	NH ₂	NH-cyclopropyl
H	acyl	CF ₃	NH ₂	NH-methyl
H	acyl	CF ₃	NH ₂	NH-ethyl
H	acyl	CF ₃	NH ₂	NH-acetyl
H	acyl	CF ₃	NH ₂	OH
H	acyl	CF ₃	NH ₂	OMe
H	acyl	CF ₃	NH ₂	OEt
H	acyl	CF ₃	NH ₂	O-cyclopropyl
H	acyl	CF ₃	NH ₂	O-acetyl
H	acyl	CF ₃	NH ₂	SH
H	acyl	CF ₃	NH ₂	SMe
H	acyl	CF ₃	NH ₂	SEt
H	acyl	CF ₃	NH ₂	S-cyclopropyl
H	acyl	CF ₃	NH ₂	F
H	acyl	CF ₃	NH ₂	Cl
H	acyl	CF ₃	NH ₂	Br
H	acyl	CF ₃	NH ₂	I
H	acyl	CF ₃	NH ₂	H
H	acyl	CF ₃	NH ₂	NH ₂
H	acyl	CF ₃	NH ₂	NH-cyclopropyl
H	acyl	CF ₃	NH ₂	NH-methyl
H	acyl	CF ₃	NH ₂	NH-ethyl
H	acyl	CF ₃	NH ₂	NH-acetyl
H	acyl	CF ₃	NH ₂	OH
H	acyl	CF ₃	NH ₂	OMe
H	acyl	CF ₃	NH ₂	OEt
H	acyl	CF ₃	NH ₂	O-cyclopropyl
H	acyl	CF ₃	NH ₂	O-acetyl

TABLE 8-continued

R ₂	R ₃	X ¹	X ²	Y
H	amino acid	CF ₃	NH ₂	SH
H	amino acid	CF ₃	NH ₂	SMe
H	amino acid	CF ₃	NH ₂	SEt
H	amino acid	CF ₃	NH ₂	S-cyclopropyl
H	amino acid	CF ₃	NH ₂	F
H	amino acid	CF ₃	NH ₂	Cl
H	amino acid	CF ₃	NH ₂	Br
H	amino acid	CF ₃	NH ₂	I
amino acid	amino acid	CF ₃	NH ₂	H
amino acid	amino acid	CF ₃	NH ₂	NH ₂
amino acid	amino acid	CF ₃	NH ₂	NH-cyclopropyl
amino acid	amino acid	CF ₃	NH ₂	NH-methyl
amino acid	amino acid	CF ₃	NH ₂	NH-ethyl
amino acid	amino acid	CF ₃	NH ₂	NH-acetyl
amino acid	amino acid	CF ₃	NH ₂	OH
amino acid	amino acid	CF ₃	NH ₂	OMe
amino acid	amino acid	CF ₃	NH ₂	OEt
amino acid	amino acid	CF ₃	NH ₂	O-cyclopropyl
amino acid	amino acid	CF ₃	NH ₂	O-acetyl
amino acid	amino acid	CF ₃	NH ₂	SH
amino acid	amino acid	CF ₃	NH ₂	SMe
amino acid	amino acid	CF ₃	NH ₂	SEt
amino acid	amino acid	CF ₃	NH ₂	S-cyclopropyl
amino acid	amino acid	CF ₃	NH ₂	F
amino acid	amino acid	CF ₃	NH ₂	Cl
amino acid	amino acid	CF ₃	NH ₂	Br
amino acid	amino acid	CF ₃	NH ₂	I
amino acid	H	CF ₃	NH ₂	H
amino acid	H	CF ₃	NH ₂	NH ₂
amino acid	H	CF ₃	NH ₂	NH-cyclopropyl
amino acid	H	CF ₃	NH ₂	NH-methyl
amino acid	H	CF ₃	NH ₂	NH-ethyl
amino acid	H	CF ₃	NH ₂	NH-acetyl
amino acid	H	CF ₃	NH ₂	OH
amino acid	H	CF ₃	NH ₂	OMe
amino acid	H	CF ₃	NH ₂	OEt
amino acid	H	CF ₃	NH ₂	O-cyclopropyl
amino acid	H	CF ₃	NH ₂	O-acetyl
amino acid	H	CF ₃	NH ₂	SH
amino acid	H	CF ₃	NH ₂	SMe
amino acid	H	CF ₃	NH ₂	SEt
amino acid	H	CF ₃	NH ₂	S-cyclopropyl
amino acid	H	CF ₃	NH ₂	F
amino acid	H	CF ₃	NH ₂	Cl
amino acid	H	CF ₃	NH ₂	Br
amino acid	H	CF ₃	NH ₂	I
amino acid	H	CF ₃	NH ₂	H
amino acid	acyl	CF ₃	NH ₂	H
amino acid	acyl	CF ₃	NH ₂	NH ₂
amino acid	acyl	CF ₃	NH ₂	NH-cyclopropyl
amino acid	acyl	CF ₃	NH ₂	NH-methyl
amino acid	acyl	CF ₃	NH ₂	NH-ethyl
amino acid	acyl	CF ₃	NH ₂	NH-acetyl
amino acid	acyl	CF ₃	NH ₂	OH
amino acid	acyl	CF ₃	NH ₂	OMe
amino acid	acyl	CF ₃	NH ₂	OEt
amino acid	acyl	CF ₃	NH ₂	O-cyclopropyl
amino acid	acyl	CF ₃	NH ₂	O-acetyl
amino acid	acyl	CF ₃	NH ₂	SH
amino acid	acyl	CF ₃	NH ₂	SMe
amino acid	acyl	CF ₃	NH ₂	SEt
amino acid	acyl	CF ₃	NH ₂	S-cyclopropyl
amino acid	acyl	CF ₃	NH ₂	F
amino acid	acyl	CF ₃	NH ₂	Cl
amino acid	acyl	CF ₃	NH ₂	Br
amino acid	acyl	CF ₃	NH ₂	I
acyl	H	Br	NH ₂	H
acyl	H	Br	NH ₂	NH ₂
acyl	H	Br	NH ₂	NH-cyclopropyl
acyl	H	Br	NH ₂	NH-methyl
acyl	H	Br	NH ₂	NH-ethyl
acyl	H	Br	NH ₂	NH-acetyl
acyl	H	Br	NH ₂	OH
acyl	H	Br	NH ₂	OMe
acyl	H	Br	NH ₂	OEt
acyl	H	Br	NH ₂	O-cyclopropyl
acyl	H	Br	NH ₂	O-acetyl
acyl	H	Br	NH ₂	SH
acyl	H	Br	NH ₂	SMe

TABLE 8-continued

R ₂	R ₃	X ¹	X ²	Y
5	acyl	H	Br	NH ₂ SMe
	acyl	H	Br	NH ₂ SEt
	acyl	H	Br	NH ₂ S-cyclopropyl
	acyl	H	Br	NH ₂ F
	acyl	H	Br	NH ₂ Cl
	acyl	H	Br	NH ₂ Br
10	acyl	H	Br	NH ₂ I
	acyl	acyl	Br	NH ₂ H
	acyl	acyl	Br	NH ₂ NH ₂
	acyl	acyl	Br	NH ₂ NH-cyclopropyl
	acyl	acyl	Br	NH ₂ NH-methyl
	acyl	acyl	Br	NH ₂ NH-ethyl
15	acyl	acyl	Br	NH ₂ NH-acetyl
	acyl	acyl	Br	NH ₂ OH
	acyl	acyl	Br	NH ₂ OMe
	acyl	acyl	Br	NH ₂ OEt
	acyl	acyl	Br	NH ₂ O-cyclopropyl
	acyl	acyl	Br	NH ₂ O-acetyl
20	acyl	acyl	Br	NH ₂ SH
	acyl	acyl	Br	NH ₂ SMe
	acyl	acyl	Br	NH ₂ SEt
	acyl	acyl	Br	NH ₂ S-cyclopropyl
	acyl	acyl	Br	NH ₂ F
	acyl	acyl	Br	NH ₂ Cl
	acyl	acyl	Br	NH ₂ Br
25	acyl	acyl	Br	NH ₂ I
	acyl	amino acid	Br	NH ₂ H
	acyl	amino acid	Br	NH ₂ NH ₂
	acyl	amino acid	Br	NH ₂ NH-cyclopropyl
	acyl	amino acid	Br	NH ₂ NH-methyl
	acyl	amino acid	Br	NH ₂ NH-ethyl
30	acyl	amino acid	Br	NH ₂ NH-acetyl
	acyl	amino acid	Br	NH ₂ OH
	acyl	amino acid	Br	NH ₂ OMe
	acyl	amino acid	Br	NH ₂ OEt
	acyl	amino acid	Br	NH ₂ O-cyclopropyl
	acyl	amino acid	Br	NH ₂ O-acetyl
35	acyl	amino acid	Br	NH ₂ SH
	acyl	amino acid	Br	NH ₂ SMe
	acyl	amino acid	Br	NH ₂ SEt
	acyl	amino acid	Br	NH ₂ S-cyclopropyl
	acyl	amino acid	Br	NH ₂ F
	acyl	amino acid	Br	NH ₂ Cl
	acyl	amino acid	Br	NH ₂ Br
40	acyl	amino acid	Br	NH ₂ I
	H	acyl	Br	NH ₂ H
	H	acyl	Br	NH ₂ NH ₂
	H	acyl	Br	NH ₂ NH-cyclopropyl
	H	acyl	Br	NH ₂ NH-methyl
	H	acyl	Br	NH ₂ NH-ethyl
45	H	acyl	Br	NH ₂ NH-acetyl
	H	acyl	Br	NH ₂ OH
	H	acyl	Br	NH ₂ OMe
	H	acyl	Br	NH ₂ OEt
	H	acyl	Br	NH ₂ O-cyclopropyl
	H	acyl	Br	NH ₂ O-acetyl
50	H	acyl	Br	NH ₂ SH
	H	acyl	Br	NH ₂ SMe
	H	acyl	Br	NH ₂ SEt
	H	acyl	Br	NH ₂ S-cyclopropyl
	H	acyl	Br	NH ₂ F
	H	acyl	Br	NH ₂ Cl
	H	acyl	Br	NH ₂ Br
55	H	acyl	Br	NH ₂ I
	H	acyl	Br	NH ₂ H
	H	amino acid	Br	NH ₂ NH ₂
	H	amino acid	Br	NH ₂ NH-cyclopropyl
	H	amino acid	Br	NH ₂ NH-methyl
	H	amino acid	Br	NH ₂ NH-ethyl
60	H	amino acid	Br	NH ₂ NH-acetyl
	H	amino acid	Br	NH ₂ OH
	H	amino acid	Br	NH ₂ OMe
	H	amino acid	Br	NH ₂ OEt
	H	amino acid	Br	NH ₂ O-cyclopropyl
	H	amino acid	Br	NH ₂ O-acetyl
65	H	amino acid	Br	NH ₂ SH
	H	amino acid	Br	NH ₂ SMe

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TABLE 8-continued

R ₂	R ₃	X ¹	X ²	Y
H	amino acid	Br	NH ₂	SEt
H	amino acid	Br	NH ₂	S-cyclopropyl
H	amino acid	Br	NH ₂	F
H	amino acid	Br	NH ₂	Cl
H	amino acid	Br	NH ₂	Br
H	amino acid	Br	NH ₂	I
amino acid	amino acid	Br	NH ₂	H
amino acid	amino acid	Br	NH ₂	NH ₂
amino acid	amino acid	Br	NH ₂	NH-cyclopropyl
amino acid	amino acid	Br	NH ₂	NH-methyl
amino acid	amino acid	Br	NH ₂	NH-ethyl
amino acid	amino acid	Br	NH ₂	NH-acetyl
amino acid	amino acid	Br	NH ₂	OH
amino acid	amino acid	Br	NH ₂	OMe
amino acid	amino acid	Br	NH ₂	OEt
amino acid	amino acid	Br	NH ₂	O-cyclopropyl
amino acid	amino acid	Br	NH ₂	O-acetyl
amino acid	amino acid	Br	NH ₂	SH
amino acid	amino acid	Br	NH ₂	SMe
amino acid	amino acid	Br	NH ₂	SEt
amino acid	amino acid	Br	NH ₂	S-cyclopropyl
amino acid	amino acid	Br	NH ₂	F
amino acid	amino acid	Br	NH ₂	Cl
amino acid	amino acid	Br	NH ₂	Br
amino acid	amino acid	Br	NH ₂	I
amino acid	H	Br	NH ₂	H
amino acid	H	Br	NH ₂	NH ₂
amino acid	H	Br	NH ₂	NH-cyclopropyl
amino acid	H	Br	NH ₂	NH-methyl
amino acid	H	Br	NH ₂	NH-ethyl
amino acid	H	Br	NH ₂	NH-acetyl
amino acid	H	Br	NH ₂	OH
amino acid	H	Br	NH ₂	OMe
amino acid	H	Br	NH ₂	OEt
amino acid	H	Br	NH ₂	O-cyclopropyl
amino acid	H	Br	NH ₂	O-acetyl
amino acid	H	Br	NH ₂	SH
amino acid	H	Br	NH ₂	SMe
amino acid	H	Br	NH ₂	SEt
amino acid	H	Br	NH ₂	S-cyclopropyl
amino acid	H	Br	NH ₂	F
amino acid	H	Br	NH ₂	Cl
amino acid	H	Br	NH ₂	Br
amino acid	H	Br	NH ₂	I
amino acid	acyl	Br	NH ₂	H
amino acid	acyl	Br	NH ₂	NH ₂
amino acid	acyl	Br	NH ₂	NH-cyclopropyl
amino acid	acyl	Br	NH ₂	NH-methyl
amino acid	acyl	Br	NH ₂	NH-ethyl
amino acid	acyl	Br	NH ₂	NH-acetyl
amino acid	acyl	Br	NH ₂	OH
amino acid	acyl	Br	NH ₂	OMe
amino acid	acyl	Br	NH ₂	OEt
amino acid	acyl	Br	NH ₂	O-cyclopropyl
amino acid	acyl	Br	NH ₂	O-acetyl
amino acid	acyl	Br	NH ₂	SH
amino acid	acyl	Br	NH ₂	SMe
amino acid	acyl	Br	NH ₂	SEt
amino acid	acyl	Br	NH ₂	S-cyclopropyl
amino acid	acyl	Br	NH ₂	F
amino acid	acyl	Br	NH ₂	Cl
amino acid	acyl	Br	NH ₂	Br
acyl	H	Cl	NH ₂	H
acyl	H	Cl	NH ₂	NH ₂
acyl	H	Cl	NH ₂	NH-cyclopropyl
acyl	H	Cl	NH ₂	NH-methyl
acyl	H	Cl	NH ₂	NH-ethyl
acyl	H	Cl	NH ₂	NH-acetyl
acyl	H	Cl	NH ₂	OH
acyl	H	Cl	NH ₂	OMe
acyl	H	Cl	NH ₂	OEt
acyl	H	Cl	NH ₂	O-cyclopropyl
acyl	H	Cl	NH ₂	O-acetyl
acyl	H	Cl	NH ₂	SH
acyl	H	Cl	NH ₂	SMe
acyl	H	Cl	NH ₂	SEt

TABLE 8-continued

	R ₂	R ₃	X ¹	X ²	Y
5	acyl	H	Cl	NH ₂	S-cyclopropyl
	acyl	H	Cl	NH ₂	F
	acyl	H	Cl	NH ₂	Cl
	acyl	H	Cl	NH ₂	Br
	acyl	H	Cl	NH ₂	I
	acyl	acyl	Cl	NH ₂	H
10	acyl	acyl	Cl	NH ₂	NH ₂
	acyl	acyl	Cl	NH ₂	NH-cyclopropyl
	acyl	acyl	Cl	NH ₂	NH-methyl
	acyl	acyl	Cl	NH ₂	NH-ethyl
	acyl	acyl	Cl	NH ₂	NH-acetyl
	acyl	acyl	Cl	NH ₂	OH
15	acyl	acyl	Cl	NH ₂	OMe
	acyl	acyl	Cl	NH ₂	OEt
	acyl	acyl	Cl	NH ₂	O-cyclopropyl
	acyl	acyl	Cl	NH ₂	O-acetyl
	acyl	acyl	Cl	NH ₂	SH
	acyl	acyl	Cl	NH ₂	SMe
20	acyl	acyl	Cl	NH ₂	SEt
	acyl	acyl	Cl	NH ₂	S-cyclopropyl
	acyl	acyl	Cl	NH ₂	F
	acyl	acyl	Cl	NH ₂	Cl
	acyl	acyl	Cl	NH ₂	Br
	acyl	acyl	Cl	NH ₂	I
25	acyl	amino acid	Cl	NH ₂	H
	acyl	amino acid	Cl	NH ₂	NH ₂
	acyl	amino acid	Cl	NH ₂	NH-cyclopropyl
	acyl	amino acid	Cl	NH ₂	NH-methyl
	acyl	amino acid	Cl	NH ₂	NH-ethyl
	acyl	amino acid	Cl	NH ₂	NH-acetyl
	acyl	amino acid	Cl	NH ₂	OH
30	acyl	amino acid	Cl	NH ₂	OMe
	acyl	amino acid	Cl	NH ₂	OEt
	acyl	amino acid	Cl	NH ₂	O-cyclopropyl
	acyl	amino acid	Cl	NH ₂	O-acetyl
	acyl	amino acid	Cl	NH ₂	SH
	acyl	amino acid	Cl	NH ₂	SMe
35	acyl	amino acid	Cl	NH ₂	SEt
	acyl	amino acid	Cl	NH ₂	S-cyclopropyl
	acyl	amino acid	Cl	NH ₂	F
	acyl	amino acid	Cl	NH ₂	Cl
	acyl	amino acid	Cl	NH ₂	Br
	acyl	amino acid	Cl	NH ₂	I
40	H	acyl	Cl	NH ₂	H
	H	acyl	Cl	NH ₂	NH ₂
	H	acyl	Cl	NH ₂	NH-cyclopropyl
	H	acyl	Cl	NH ₂	NH-methyl
	H	acyl	Cl	NH ₂	NH-ethyl
	H	acyl	Cl	NH ₂	NH-acetyl
	H	acyl	Cl	NH ₂	OH
45	H	acyl	Cl	NH ₂	OMe
	H	acyl	Cl	NH ₂	OEt
	H	acyl	Cl	NH ₂	O-cyclopropyl
	H	acyl	Cl	NH ₂	O-acetyl
	H	acyl	Cl	NH ₂	SH
	H	acyl	Cl	NH ₂	SMe
50	H	acyl	Cl	NH ₂	SEt
	H	acyl	Cl	NH ₂	S-cyclopropyl
	H	acyl	Cl	NH ₂	F
	H	acyl	Cl	NH ₂	Cl
	H	acyl	Cl	NH ₂	Br
	H	acyl	Cl	NH ₂	I
55	H	amino acid	Cl	NH ₂	H
	H	amino acid	Cl	NH ₂	NH ₂
	H	amino acid	Cl	NH ₂	NH-cyclopropyl
	H	amino acid	Cl	NH ₂	NH-methyl
	H	amino acid	Cl	NH ₂	NH-ethyl
	H	amino acid	Cl	NH ₂	NH-acetyl
	H	amino acid	Cl	NH ₂	OH
60	H	amino acid	Cl	NH ₂	OMe
	H	amino acid	Cl	NH ₂	OEt
	H	amino acid	Cl	NH ₂	O-cyclopropyl
	H	amino acid	Cl	NH ₂	O-acetyl
	H	amino acid	Cl	NH ₂	SH
	H	amino acid	Cl	NH ₂	SMe
65	H	amino acid	Cl	NH ₂	SEt
	H	amino acid	Cl	NH ₂	S-cyclopropyl

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TABLE 8-continued

R ₂	R ₃	X ¹	X ²	Y
H	amino acid	Cl	NH ₂	F
H	amino acid	Cl	NH ₂	Cl
H	amino acid	Cl	NH ₂	Br
H	amino acid	Cl	NH ₂	I
amino acid	amino acid	Cl	NH ₂	H
amino acid	amino acid	Cl	NH ₂	NH ₂
amino acid	amino acid	Cl	NH ₂	NH-cyclopropyl
amino acid	amino acid	Cl	NH ₂	NH-methyl
amino acid	amino acid	Cl	NH ₂	NH-ethyl
amino acid	amino acid	Cl	NH ₂	NH-acetyl
amino acid	amino acid	Cl	NH ₂	OH
amino acid	amino acid	Cl	NH ₂	OMe
amino acid	amino acid	Cl	NH ₂	OEt
amino acid	amino acid	Cl	NH ₂	O-cyclopropyl
amino acid	amino acid	Cl	NH ₂	O-acetyl
amino acid	amino acid	Cl	NH ₂	SH
amino acid	amino acid	Cl	NH ₂	SMe
amino acid	amino acid	Cl	NH ₂	SEt
amino acid	amino acid	Cl	NH ₂	S-cyclopropyl
amino acid	amino acid	Cl	NH ₂	F
amino acid	amino acid	Cl	NH ₂	Cl
amino acid	amino acid	Cl	NH ₂	Br
amino acid	amino acid	Cl	NH ₂	I
amino acid	H	Cl	NH ₂	H
amino acid	H	Cl	NH ₂	NH ₂
amino acid	H	Cl	NH ₂	NH-cyclopropyl
amino acid	H	Cl	NH ₂	NH-methyl
amino acid	H	Cl	NH ₂	NH-ethyl
amino acid	H	Cl	NH ₂	NH-acetyl
amino acid	H	Cl	NH ₂	OH
amino acid	H	Cl	NH ₂	OMe
amino acid	H	Cl	NH ₂	OEt
amino acid	H	Cl	NH ₂	O-cyclopropyl
amino acid	H	Cl	NH ₂	O-acetyl
amino acid	H	Cl	NH ₂	SH
amino acid	H	Cl	NH ₂	SMe
amino acid	H	Cl	NH ₂	SEt
amino acid	H	Cl	NH ₂	S-cyclopropyl
amino acid	H	Cl	NH ₂	F
amino acid	H	Cl	NH ₂	Cl
amino acid	H	Cl	NH ₂	Br
amino acid	H	Cl	NH ₂	I
amino acid	acyl	Cl	NH ₂	H
amino acid	acyl	Cl	NH ₂	NH ₂
amino acid	acyl	Cl	NH ₂	NH-cyclopropyl
amino acid	acyl	Cl	NH ₂	NH-methyl
amino acid	acyl	Cl	NH ₂	NH-ethyl
amino acid	acyl	Cl	NH ₂	NH-acetyl
amino acid	acyl	Cl	NH ₂	OH
amino acid	acyl	Cl	NH ₂	OMe
amino acid	acyl	Cl	NH ₂	OEt
amino acid	acyl	Cl	NH ₂	O-cyclopropyl
amino acid	acyl	Cl	NH ₂	O-acetyl
amino acid	acyl	Cl	NH ₂	SH
amino acid	acyl	Cl	NH ₂	SMe
amino acid	acyl	Cl	NH ₂	SEt
amino acid	acyl	Cl	NH ₂	S-cyclopropyl
amino acid	acyl	Cl	NH ₂	F
amino acid	acyl	Cl	NH ₂	Cl
amino acid	acyl	Cl	NH ₂	Br
amino acid	acyl	Cl	NH ₂	I
acyl	H	F	NH ₂	H
acyl	H	F	NH ₂	NH ₂
acyl	H	F	NH ₂	NH-cyclopropyl
acyl	H	F	NH ₂	NH-methyl
acyl	H	F	NH ₂	NH-ethyl
acyl	H	F	NH ₂	NH-acetyl
acyl	H	F	NH ₂	OH
acyl	H	F	NH ₂	OMe
acyl	H	F	NH ₂	OEt
acyl	H	F	NH ₂	O-cyclopropyl
acyl	H	F	NH ₂	O-acetyl
acyl	H	F	NH ₂	SH
acyl	H	F	NH ₂	SMe
acyl	H	F	NH ₂	SEt
acyl	H	F	NH ₂	S-cyclopropyl
acyl	H	F	NH ₂	F

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TABLE 8-continued

	R ₂	R ₃	X ¹	X ²	Y
5	acyl	H	F	NH ₂	Cl
	acyl	H	F	NH ₂	Br
	acyl	H	F	NH ₂	I
	acyl	acyl	F	NH ₂	H
	acyl	acyl	F	NH ₂	NH ₂
	acyl	acyl	F	NH ₂	NH-cyclopropyl
10	acyl	acyl	F	NH ₂	NH-methyl
	acyl	acyl	F	NH ₂	NH-ethyl
	acyl	acyl	F	NH ₂	NH-acetyl
	acyl	acyl	F	NH ₂	OH
	acyl	acyl	F	NH ₂	OMe
	acyl	acyl	F	NH ₂	OEt
15	acyl	acyl	F	NH ₂	O-cyclopropyl
	acyl	acyl	F	NH ₂	O-acetyl
	acyl	acyl	F	NH ₂	SH
	acyl	acyl	F	NH ₂	SMe
	acyl	acyl	F	NH ₂	SEt
	acyl	acyl	F	NH ₂	S-cyclopropyl
20	acyl	acyl	F	NH ₂	F
	acyl	acyl	F	NH ₂	Cl
	acyl	acyl	F	NH ₂	Br
	acyl	acyl	F	NH ₂	I
	acyl	amino acid	F	NH ₂	H
	acyl	amino acid	F	NH ₂	NH ₂
25	acyl	amino acid	F	NH ₂	NH-cyclopropyl
	acyl	amino acid	F	NH ₂	NH-methyl
	acyl	amino acid	F	NH ₂	NH-ethyl
	acyl	amino acid	F	NH ₂	NH-acetyl
	acyl	amino acid	F	NH ₂	OH
	acyl	amino acid	F	NH ₂	OMe
	acyl	amino acid	F	NH ₂	OEt
30	acyl	amino acid	F	NH ₂	O-cyclopropyl
	acyl	amino acid	F	NH ₂	O-acetyl
	acyl	amino acid	F	NH ₂	SH
	acyl	amino acid	F	NH ₂	SMe
	acyl	amino acid	F	NH ₂	SEt
	acyl	amino acid	F	NH ₂	S-cyclopropyl
35	acyl	amino acid	F	NH ₂	F
	acyl	amino acid	F	NH ₂	Cl
	acyl	amino acid	F	NH ₂	Br
	acyl	amino acid	F	NH ₂	I
	H	acyl	F	NH ₂	H
	H	acyl	F	NH ₂	NH ₂
40	H	acyl	F	NH ₂	NH-cyclopropyl
	H	acyl	F	NH ₂	NH-methyl
	H	acyl	F	NH ₂	NH-ethyl
	H	acyl	F	NH ₂	NH-acetyl
	H	acyl	F	NH ₂	OH
	H	acyl	F	NH ₂	OMe
	H	acyl	F	NH ₂	OEt
45	H	acyl	F	NH ₂	O-cyclopropyl
	H	acyl	F	NH ₂	O-acetyl
	H	acyl	F	NH ₂	SH
	H	acyl	F	NH ₂	SMe
	H	acyl	F	NH ₂	SEt
	H	acyl	F	NH ₂	S-cyclopropyl
50	H	acyl	F	NH ₂	F
	H	acyl	F	NH ₂	Cl
	H	acyl	F	NH ₂	Br
	H	acyl	F	NH ₂	I
	H	amino acid	F	NH ₂	H
	H	amino acid	F	NH ₂	NH ₂
55	H	amino acid	F	NH ₂	NH-cyclopropyl
	H	amino acid	F	NH ₂	NH-methyl
	H	amino acid	F	NH ₂	NH-ethyl
	H	amino acid	F	NH ₂	NH-acetyl
	H	amino acid	F	NH ₂	OH
	H	amino acid	F	NH ₂	OMe
	H	amino acid	F	NH ₂	OEt
60	H	amino acid	F	NH ₂	O-cyclopropyl
	H	amino acid	F	NH ₂	O-acetyl
	H	amino acid	F	NH ₂	SH
	H	amino acid	F	NH ₂	SMe
	H	amino acid	F	NH ₂	SEt
	H	amino acid	F	NH ₂	S-cyclopropyl
65	H	amino acid	F	NH ₂	F
	H	amino acid	F	NH ₂	Cl

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TABLE 8-continued

R ₂	R ₃	X ¹	X ²	Y
H	amino acid	F	NH ₂	Br
H	amino acid	F	NH ₂	I
amino acid	amino acid	F	NH ₂	H
amino acid	amino acid	F	NH ₂	NH ₂
amino acid	amino acid	F	NH ₂	NH-cyclopropyl
amino acid	amino acid	F	NH ₂	NH-methyl
amino acid	amino acid	F	NH ₂	NH-ethyl
amino acid	amino acid	F	NH ₂	NH-acetyl
amino acid	amino acid	F	NH ₂	OH
amino acid	amino acid	F	NH ₂	OMe
amino acid	amino acid	F	NH ₂	OEt
amino acid	amino acid	F	NH ₂	O-cyclopropyl
amino acid	amino acid	F	NH ₂	O-acetyl
amino acid	amino acid	F	NH ₂	SH
amino acid	amino acid	F	NH ₂	SMe
amino acid	amino acid	F	NH ₂	SEt
amino acid	amino acid	F	NH ₂	S-cyclopropyl
amino acid	amino acid	F	NH ₂	F
amino acid	amino acid	F	NH ₂	Cl
amino acid	amino acid	F	NH ₂	Br
amino acid	amino acid	F	NH ₂	I
amino acid	H	F	NH ₂	H
amino acid	H	F	NH ₂	NH ₂
amino acid	H	F	NH ₂	NH-cyclopropyl
amino acid	H	F	NH ₂	NH-methyl
amino acid	H	F	NH ₂	NH-ethyl
amino acid	H	F	NH ₂	NH-acetyl
amino acid	H	F	NH ₂	OH
amino acid	H	F	NH ₂	OMe
amino acid	H	F	NH ₂	OEt
amino acid	H	F	NH ₂	O-cyclopropyl
amino acid	H	F	NH ₂	O-acetyl
amino acid	H	F	NH ₂	SH
amino acid	H	F	NH ₂	SMe
amino acid	H	F	NH ₂	SEt
amino acid	H	F	NH ₂	S-cyclopropyl
amino acid	H	F	NH ₂	F
amino acid	H	F	NH ₂	Cl
amino acid	H	F	NH ₂	Br
amino acid	H	F	NH ₂	I
amino acid	H	F	NH ₂	H
amino acid	acyl	F	NH ₂	H
amino acid	acyl	F	NH ₂	NH ₂
amino acid	acyl	F	NH ₂	NH-cyclopropyl
amino acid	acyl	F	NH ₂	NH-methyl
amino acid	acyl	F	NH ₂	NH-ethyl
amino acid	acyl	F	NH ₂	NH-acetyl
amino acid	acyl	F	NH ₂	OH
amino acid	acyl	F	NH ₂	OMe
amino acid	acyl	F	NH ₂	OEt
amino acid	acyl	F	NH ₂	O-cyclopropyl
amino acid	acyl	F	NH ₂	O-acetyl
amino acid	acyl	F	NH ₂	SH
amino acid	acyl	F	NH ₂	SMe
amino acid	acyl	F	NH ₂	SEt
amino acid	acyl	F	NH ₂	S-cyclopropyl
amino acid	acyl	F	NH ₂	F
amino acid	acyl	F	NH ₂	Cl
amino acid	acyl	F	NH ₂	Br
amino acid	acyl	F	NH ₂	I
acyl	H	NH ₂	NH ₂	H
acyl	H	NH ₂	NH ₂	NH ₂
acyl	H	NH ₂	NH ₂	NH-cyclopropyl
acyl	H	NH ₂	NH ₂	NH-methyl
acyl	H	NH ₂	NH ₂	NH-ethyl
acyl	H	NH ₂	NH ₂	NH-acetyl
acyl	H	NH ₂	NH ₂	OH
acyl	H	NH ₂	NH ₂	OMe
acyl	H	NH ₂	NH ₂	OEt
acyl	H	NH ₂	NH ₂	O-cyclopropyl
acyl	H	NH ₂	NH ₂	O-acetyl
acyl	H	NH ₂	NH ₂	SH
acyl	H	NH ₂	NH ₂	SMe
acyl	H	NH ₂	NH ₂	SEt
acyl	H	NH ₂	NH ₂	S-cyclopropyl
acyl	H	NH ₂	NH ₂	F
acyl	H	NH ₂	NH ₂	Cl
acyl	H	NH ₂	NH ₂	Br
acyl	H	NH ₂	NH ₂	I

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TABLE 8-continued

R ₂	R ₃	X ¹	X ²	Y
5	acyl	H	NH ₂	I
	acyl	acyl	NH ₂	H
	acyl	acyl	NH ₂	NH ₂
	acyl	acyl	NH ₂	NH-cyclopropyl
	acyl	acyl	NH ₂	NH-methyl
	acyl	acyl	NH ₂	NH-ethyl
10	acyl	acyl	NH ₂	NH-acetyl
	acyl	acyl	NH ₂	OH
	acyl	acyl	NH ₂	OMe
	acyl	acyl	NH ₂	OEt
	acyl	acyl	NH ₂	O-cyclopropyl
	acyl	acyl	NH ₂	O-acetyl
15	acyl	acyl	NH ₂	SH
	acyl	acyl	NH ₂	SMe
	acyl	acyl	NH ₂	SEt
	acyl	acyl	NH ₂	S-cyclopropyl
	acyl	acyl	NH ₂	F
	acyl	acyl	NH ₂	Cl
20	acyl	acyl	NH ₂	Br
	acyl	acyl	NH ₂	I
	acyl	amino acid	NH ₂	H
	acyl	amino acid	NH ₂	NH ₂
	acyl	amino acid	NH ₂	NH-cyclopropyl
	acyl	amino acid	NH ₂	NH-methyl
	acyl	amino acid	NH ₂	NH-ethyl
25	acyl	amino acid	NH ₂	NH-acetyl
	acyl	amino acid	NH ₂	OH
	acyl	amino acid	NH ₂	OMe
	acyl	amino acid	NH ₂	OEt
	acyl	amino acid	NH ₂	O-cyclopropyl
	acyl	amino acid	NH ₂	O-acetyl
30	acyl	amino acid	NH ₂	SH
	acyl	amino acid	NH ₂	SMe
	acyl	amino acid	NH ₂	SEt
	acyl	amino acid	NH ₂	S-cyclopropyl
	acyl	amino acid	NH ₂	F
	acyl	amino acid	NH ₂	Cl
35	acyl	amino acid	NH ₂	Br
	acyl	amino acid	NH ₂	I
	H	acyl	NH ₂	H
	H	acyl	NH ₂	NH ₂
	H	acyl	NH ₂	NH-cyclopropyl
	H	acyl	NH ₂	NH-methyl
	H	acyl	NH ₂	NH-ethyl
40	H	acyl	NH ₂	NH-acetyl
	H	acyl	NH ₂	OH
	H	acyl	NH ₂	OMe
	H	acyl	NH ₂	OEt
	H	acyl	NH ₂	O-cyclopropyl
	H	acyl	NH ₂	O-acetyl
45	H	acyl	NH ₂	SH
	H	acyl	NH ₂	SMe
	H	acyl	NH ₂	SEt
	H	acyl	NH ₂	S-cyclopropyl
	H	acyl	NH ₂	F
	H	acyl	NH ₂	Cl
50	H	acyl	NH ₂	Br
	H	acyl	NH ₂	I
	H	amino acid	NH ₂	H
	H	amino acid	NH ₂	NH ₂
	H	amino acid	NH ₂	NH-cyclopropyl
	H	amino acid	NH ₂	NH-methyl
55	H	amino acid	NH ₂	NH-ethyl
	H	amino acid	NH ₂	NH-acetyl
	H	amino acid	NH ₂	OH
	H	amino acid	NH ₂	OMe
	H	amino acid	NH ₂	OEt
	H	amino acid	NH ₂	O-cyclopropyl
	H	amino acid	NH ₂	O-acetyl
60	H	amino acid	NH ₂	SH
	H	amino acid	NH ₂	SMe
	H	amino acid	NH ₂	SEt
	H	amino acid	NH ₂	S-cyclopropyl
	H	amino acid	NH ₂	F
	H	amino acid	NH ₂	Cl
65	H	amino acid	NH ₂	Br
	H	amino acid	NH ₂	I

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TABLE 8-continued

R ₂	R ₃	X ¹	X ²	Y
amino acid	amino acid	NH ₂	NH ₂	H
amino acid	amino acid	NH ₂	NH ₂	NH ₂
amino acid	amino acid	NH ₂	NH ₂	NH-cyclopropyl
amino acid	amino acid	NH ₂	NH ₂	NH-methyl
amino acid	amino acid	NH ₂	NH ₂	NH-ethyl
amino acid	amino acid	NH ₂	NH ₂	NH-acetyl
amino acid	amino acid	NH ₂	NH ₂	OH
amino acid	amino acid	NH ₂	NH ₂	OMe
amino acid	amino acid	NH ₂	NH ₂	OEt
amino acid	amino acid	NH ₂	NH ₂	O-cyclopropyl
amino acid	amino acid	NH ₂	NH ₂	O-acetyl
amino acid	amino acid	NH ₂	NH ₂	SH
amino acid	amino acid	NH ₂	NH ₂	SMe
amino acid	amino acid	NH ₂	NH ₂	SEt
amino acid	amino acid	NH ₂	NH ₂	S-cyclopropyl
amino acid	amino acid	NH ₂	NH ₂	F
amino acid	amino acid	NH ₂	NH ₂	Cl
amino acid	amino acid	NH ₂	NH ₂	Br
amino acid	amino acid	NH ₂	NH ₂	I
amino acid	H	NH ₂	NH ₂	H
amino acid	H	NH ₂	NH ₂	NH ₂
amino acid	H	NH ₂	NH ₂	NH-cyclopropyl
amino acid	H	NH ₂	NH ₂	NH-methyl
amino acid	H	NH ₂	NH ₂	NH-ethyl
amino acid	H	NH ₂	NH ₂	NH-acetyl
amino acid	H	NH ₂	NH ₂	OH
amino acid	H	NH ₂	NH ₂	OMe
amino acid	H	NH ₂	NH ₂	OEt
amino acid	H	NH ₂	NH ₂	O-cyclopropyl
amino acid	H	NH ₂	NH ₂	O-acetyl
amino acid	H	NH ₂	NH ₂	SH
amino acid	H	NH ₂	NH ₂	SMe
amino acid	H	NH ₂	NH ₂	SEt
amino acid	H	NH ₂	NH ₂	S-cyclopropyl
amino acid	H	NH ₂	NH ₂	F
amino acid	H	NH ₂	NH ₂	Cl
amino acid	H	NH ₂	NH ₂	Br
amino acid	H	NH ₂	NH ₂	I
amino acid	acyl	NH ₂	NH ₂	H
amino acid	acyl	NH ₂	NH ₂	NH ₂
amino acid	acyl	NH ₂	NH ₂	NH-cyclopropyl
amino acid	acyl	NH ₂	NH ₂	NH-methyl
amino acid	acyl	NH ₂	NH ₂	NH-ethyl
amino acid	acyl	NH ₂	NH ₂	NH-acetyl
amino acid	acyl	NH ₂	NH ₂	OH
amino acid	acyl	NH ₂	NH ₂	OMe
amino acid	acyl	NH ₂	NH ₂	OEt
amino acid	acyl	NH ₂	NH ₂	O-cyclopropyl
amino acid	acyl	NH ₂	NH ₂	O-acetyl
amino acid	acyl	NH ₂	NH ₂	SH
amino acid	acyl	NH ₂	NH ₂	SMe
amino acid	acyl	NH ₂	NH ₂	SEt
amino acid	acyl	NH ₂	NH ₂	S-cyclopropyl
amino acid	acyl	NH ₂	NH ₂	F
amino acid	acyl	NH ₂	NH ₂	Cl
amino acid	acyl	NH ₂	NH ₂	Br
amino acid	acyl	NH ₂	NH ₂	I
acyl	H	SH	NH ₂	H
acyl	H	SH	NH ₂	NH ₂
acyl	H	SH	NH ₂	NH-cyclopropyl
acyl	H	SH	NH ₂	NH-methyl
acyl	H	SH	NH ₂	NH-ethyl
acyl	H	SH	NH ₂	NH-acetyl
acyl	H	SH	NH ₂	OH
acyl	H	SH	NH ₂	OMe
acyl	H	SH	NH ₂	OEt
acyl	H	SH	NH ₂	O-cyclopropyl
acyl	H	SH	NH ₂	O-acetyl
acyl	H	SH	NH ₂	SH
acyl	H	SH	NH ₂	SMe
acyl	H	SH	NH ₂	SEt
acyl	H	SH	NH ₂	S-cyclopropyl
acyl	H	SH	NH ₂	F
acyl	H	SH	NH ₂	Cl
acyl	H	SH	NH ₂	Br
acyl	H	SH	NH ₂	I
acyl	acyl	SH	NH ₂	H

TABLE 8-continued

	R ₂	R ₃	X ¹	X ²	Y
5	acyl	acyl	SH	NH ₂	NH ₂
	acyl	acyl	SH	NH ₂	NH-cyclopropyl
	acyl	acyl	SH	NH ₂	NH-methyl
	acyl	acyl	SH	NH ₂	NH-ethyl
	acyl	acyl	SH	NH ₂	NH-acetyl
	acyl	acyl	SH	NH ₂	OH
10	acyl	acyl	SH	NH ₂	OMe
	acyl	acyl	SH	NH ₂	OEt
	acyl	acyl	SH	NH ₂	O-cyclopropyl
	acyl	acyl	SH	NH ₂	O-acetyl
	acyl	acyl	SH	NH ₂	SH
	acyl	acyl	SH	NH ₂	SMe
15	acyl	acyl	SH	NH ₂	SEt
	acyl	acyl	SH	NH ₂	S-cyclopropyl
	acyl	acyl	SH	NH ₂	F
	acyl	acyl	SH	NH ₂	Cl
	acyl	acyl	SH	NH ₂	Br
	acyl	acyl	SH	NH ₂	I
20	acyl	amino acid	SH	NH ₂	H
	acyl	amino acid	SH	NH ₂	NH ₂
	acyl	amino acid	SH	NH ₂	NH-cyclopropyl
	acyl	amino acid	SH	NH ₂	NH-methyl
	acyl	amino acid	SH	NH ₂	NH-ethyl
	acyl	amino acid	SH	NH ₂	NH-acetyl
25	acyl	amino acid	SH	NH ₂	OH
	acyl	amino acid	SH	NH ₂	OMe
	acyl	amino acid	SH	NH ₂	OEt
	acyl	amino acid	SH	NH ₂	O-cyclopropyl
	acyl	amino acid	SH	NH ₂	O-acetyl
	acyl	amino acid	SH	NH ₂	SH
	acyl	amino acid	SH	NH ₂	SMe
30	acyl	amino acid	SH	NH ₂	SEt
	acyl	amino acid	SH	NH ₂	S-cyclopropyl
	acyl	amino acid	SH	NH ₂	F
	acyl	amino acid	SH	NH ₂	Cl
	acyl	amino acid	SH	NH ₂	Br
	acyl	amino acid	SH	NH ₂	I
35	H	acyl	SH	NH ₂	H
	H	acyl	SH	NH ₂	NH ₂
	H	acyl	SH	NH ₂	NH-cyclopropyl
	H	acyl	SH	NH ₂	NH-methyl
	H	acyl	SH	NH ₂	NH-ethyl
	H	acyl	SH	NH ₂	NH-acetyl
40	H	acyl	SH	NH ₂	OH
	H	acyl	SH	NH ₂	OMe
	H	acyl	SH	NH ₂	OEt
	H	acyl	SH	NH ₂	O-cyclopropyl
	H	acyl	SH	NH ₂	O-acetyl
	H	acyl	SH	NH ₂	SH
45	H	acyl	SH	NH ₂	SMe
	H	acyl	SH	NH ₂	SEt
	H	acyl	SH	NH ₂	S-cyclopropyl
	H	acyl	SH	NH ₂	F
	H	acyl	SH	NH ₂	Cl
	H	acyl	SH	NH ₂	Br
	H	acyl	SH	NH ₂	I
50	H	amino acid	SH	NH ₂	H
	H	amino acid	SH	NH ₂	NH ₂
	H	amino acid	SH	NH ₂	NH-cyclopropyl
	H	amino acid	SH	NH ₂	NH-methyl
	H	amino acid	SH	NH ₂	NH-ethyl
	H	amino acid	SH	NH ₂	NH-acetyl
55	H	amino acid	SH	NH ₂	OH
	H	amino acid	SH	NH ₂	OMe
	H	amino acid	SH	NH ₂	OEt
	H	amino acid	SH	NH ₂	O-cyclopropyl
	H	amino acid	SH	NH ₂	O-acetyl
	H	amino acid	SH	NH ₂	SH
	H	amino acid	SH	NH ₂	SMe
60	H	amino acid	SH	NH ₂	SEt
	H	amino acid	SH	NH ₂	S-cyclopropyl
	H	amino acid	SH	NH ₂	F
	H	amino acid	SH	NH ₂	Cl
	H	amino acid	SH	NH ₂	Br
	H	amino acid	SH	NH ₂	I
65	amino acid	amino acid	SH	NH ₂	H
	amino acid	amino acid	SH	NH ₂	NH ₂

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TABLE 8-continued

R ₂	R ₃	X ¹	X ²	Y
amino acid	amino acid	SH	NH ₂	NH-cyclopropyl
amino acid	amino acid	SH	NH ₂	NH-methyl
amino acid	amino acid	SH	NH ₂	NH-ethyl
amino acid	amino acid	SH	NH ₂	NH-acetyl
amino acid	amino acid	SH	NH ₂	OH
amino acid	amino acid	SH	NH ₂	OMe
amino acid	amino acid	SH	NH ₂	OEt
amino acid	amino acid	SH	NH ₂	O-cyclopropyl
amino acid	amino acid	SH	NH ₂	O-acetyl
amino acid	amino acid	SH	NH ₂	SH
amino acid	amino acid	SH	NH ₂	SMe
amino acid	amino acid	SH	NH ₂	SEt
amino acid	amino acid	SH	NH ₂	S-cyclopropyl
amino acid	amino acid	SH	NH ₂	F
amino acid	amino acid	SH	NH ₂	Cl
amino acid	amino acid	SH	NH ₂	Br
amino acid	amino acid	SH	NH ₂	I
amino acid	H	SH	NH ₂	H
amino acid	H	SH	NH ₂	NH ₂
amino acid	H	SH	NH ₂	NH-cyclopropyl
amino acid	H	SH	NH ₂	NH-methyl
amino acid	H	SH	NH ₂	NH-ethyl
amino acid	H	SH	NH ₂	NH-acetyl
amino acid	H	SH	NH ₂	OH
amino acid	H	SH	NH ₂	OMe
amino acid	H	SH	NH ₂	OEt
amino acid	H	SH	NH ₂	O-cyclopropyl
amino acid	H	SH	NH ₂	O-acetyl
amino acid	H	SH	NH ₂	SH
amino acid	H	SH	NH ₂	SMe
amino acid	H	SH	NH ₂	SEt
amino acid	H	SH	NH ₂	S-cyclopropyl
amino acid	H	SH	NH ₂	F
amino acid	H	SH	NH ₂	Cl
amino acid	H	SH	NH ₂	Br
amino acid	H	SH	NH ₂	I
amino acid	acyl	SH	NH ₂	H
amino acid	acyl	SH	NH ₂	NH ₂
amino acid	acyl	SH	NH ₂	NH-cyclopropyl
amino acid	acyl	SH	NH ₂	NH-methyl
amino acid	acyl	SH	NH ₂	NH-ethyl
amino acid	acyl	SH	NH ₂	NH-acetyl
amino acid	acyl	SH	NH ₂	OH
amino acid	acyl	SH	NH ₂	OMe
amino acid	acyl	SH	NH ₂	OEt
amino acid	acyl	SH	NH ₂	O-cyclopropyl
amino acid	acyl	SH	NH ₂	O-acetyl
amino acid	acyl	SH	NH ₂	SH
amino acid	acyl	SH	NH ₂	SMe
amino acid	acyl	SH	NH ₂	SEt
amino acid	acyl	SH	NH ₂	S-cyclopropyl
amino acid	acyl	SH	NH ₂	F
amino acid	acyl	SH	NH ₂	Cl
amino acid	acyl	SH	NH ₂	Br
amino acid	acyl	SH	NH ₂	I
acyl	H	OH	NH ₂	H
acyl	H	OH	NH ₂	NH ₂
acyl	H	OH	NH ₂	NH-cyclopropyl
acyl	H	OH	NH ₂	NH-methyl
acyl	H	OH	NH ₂	NH-ethyl
acyl	H	OH	NH ₂	NH-acetyl
acyl	H	OH	NH ₂	OH
acyl	H	OH	NH ₂	OMe
acyl	H	OH	NH ₂	OEt
acyl	H	OH	NH ₂	O-cyclopropyl
acyl	H	OH	NH ₂	O-acetyl
acyl	H	OH	NH ₂	SH
acyl	H	OH	NH ₂	SMe
acyl	H	OH	NH ₂	SEt
acyl	H	OH	NH ₂	S-cyclopropyl
acyl	H	OH	NH ₂	F
acyl	H	OH	NH ₂	Cl
acyl	H	OH	NH ₂	Br
acyl	H	OH	NH ₂	I
acyl	acyl	OH	NH ₂	H
acyl	acyl	OH	NH ₂	NH ₂
acyl	acyl	OH	NH ₂	NH-cyclopropyl

TABLE 8-continued

	R ₂	R ₃	X ¹	X ²	Y
5	acyl	acyl	OH	NH ₂	NH-methyl
	acyl	acyl	OH	NH ₂	NH-ethyl
	acyl	acyl	OH	NH ₂	NH-acetyl
	acyl	acyl	OH	NH ₂	OH
	acyl	acyl	OH	NH ₂	OMe
	acyl	acyl	OH	NH ₂	OEt
10	acyl	acyl	OH	NH ₂	O-cyclopropyl
	acyl	acyl	OH	NH ₂	O-acetyl
	acyl	acyl	OH	NH ₂	SH
	acyl	acyl	OH	NH ₂	SMe
	acyl	acyl	OH	NH ₂	SEt
	acyl	acyl	OH	NH ₂	S-cyclopropyl
15	acyl	acyl	OH	NH ₂	F
	acyl	acyl	OH	NH ₂	Cl
	acyl	acyl	OH	NH ₂	Br
	acyl	acyl	OH	NH ₂	I
	acyl	amino acid	OH	NH ₂	H
	acyl	amino acid	OH	NH ₂	NH ₂
20	acyl	amino acid	OH	NH ₂	NH-cyclopropyl
	acyl	amino acid	OH	NH ₂	NH-methyl
	acyl	amino acid	OH	NH ₂	NH-ethyl
	acyl	amino acid	OH	NH ₂	NH-acetyl
	acyl	amino acid	OH	NH ₂	OH
	acyl	amino acid	OH	NH ₂	OMe
	acyl	amino acid	OH	NH ₂	OEt
25	acyl	amino acid	OH	NH ₂	O-cyclopropyl
	acyl	amino acid	OH	NH ₂	O-acetyl
	acyl	amino acid	OH	NH ₂	SH
	acyl	amino acid	OH	NH ₂	SMe
	acyl	amino acid	OH	NH ₂	SEt
	acyl	amino acid	OH	NH ₂	S-cyclopropyl
30	acyl	amino acid	OH	NH ₂	F
	acyl	amino acid	OH	NH ₂	Cl
	acyl	amino acid	OH	NH ₂	Br
	acyl	amino acid	OH	NH ₂	I
	H	acyl	OH	NH ₂	H
	H	acyl	OH	NH ₂	NH ₂
35	H	acyl	OH	NH ₂	NH-cyclopropyl
	H	acyl	OH	NH ₂	NH-methyl
	H	acyl	OH	NH ₂	NH-ethyl
	H	acyl	OH	NH ₂	NH-acetyl
	H	acyl	OH	NH ₂	OH
	H	acyl	OH	NH ₂	OMe
40	H	acyl	OH	NH ₂	OEt
	H	acyl	OH	NH ₂	O-cyclopropyl
	H	acyl	OH	NH ₂	O-acetyl
	H	acyl	OH	NH ₂	SH
	H	acyl	OH	NH ₂	SMe
	H	acyl	OH	NH ₂	SEt
	H	acyl	OH	NH ₂	S-cyclopropyl
45	H	acyl	OH	NH ₂	F
	H	acyl	OH	NH ₂	Cl
	H	acyl	OH	NH ₂	Br
	H	acyl	OH	NH ₂	I
	H	amino acid	OH	NH ₂	H
	H	amino acid	OH	NH ₂	NH ₂
50	H	amino acid	OH	NH ₂	NH-cyclopropyl
	H	amino acid	OH	NH ₂	NH-methyl
	H	amino acid	OH	NH ₂	NH-ethyl
	H	amino acid	OH	NH ₂	NH-acetyl
	H	amino acid	OH	NH ₂	OH
	H	amino acid	OH	NH ₂	OMe
55	H	amino acid	OH	NH ₂	OEt
	H	amino acid	OH	NH ₂	O-cyclopropyl
	H	amino acid	OH	NH ₂	O-acetyl
	H	amino acid	OH	NH ₂	SH
	H	amino acid	OH	NH ₂	SMe
	H	amino acid	OH	NH ₂	SEt
	H	amino acid	OH	NH ₂	S-cyclopropyl
60	H	amino acid	OH	NH ₂	F
	H	amino acid	OH	NH ₂	Cl
	H	amino acid	OH	NH ₂	Br
	H	amino acid	OH	NH ₂	I
	amino acid	amino acid	OH	NH ₂	H
65	amino acid	amino acid	OH	NH ₂	NH ₂
	amino acid	amino acid	OH	NH ₂	NH-cyclopropyl
	amino acid	amino acid	OH	NH ₂	NH-methyl

TABLE 8-continued

R ₂	R ₃	X ¹	X ²	Y
amino acid	amino acid	OH	NH ₂	NH-ethyl
amino acid	amino acid	OH	NH ₂	NH-acetyl
amino acid	amino acid	OH	NH ₂	OH
amino acid	amino acid	OH	NH ₂	OMe
amino acid	amino acid	OH	NH ₂	OEt
amino acid	amino acid	OH	NH ₂	O-cyclopropyl
amino acid	amino acid	OH	NH ₂	O-acetyl
amino acid	amino acid	OH	NH ₂	SH
amino acid	amino acid	OH	NH ₂	SMe
amino acid	amino acid	OH	NH ₂	SEt
amino acid	amino acid	OH	NH ₂	S-cyclopropyl
amino acid	amino acid	OH	NH ₂	F
amino acid	amino acid	OH	NH ₂	Cl
amino acid	amino acid	OH	NH ₂	Br
amino acid	amino acid	OH	NH ₂	I
amino acid	H	OH	NH ₂	H
amino acid	H	OH	NH ₂	NH ₂
amino acid	H	OH	NH ₂	NH-cyclopropyl
amino acid	H	OH	NH ₂	NH-methyl
amino acid	H	OH	NH ₂	NH-ethyl
amino acid	H	OH	NH ₂	NH-acetyl
amino acid	H	OH	NH ₂	OH
amino acid	H	OH	NH ₂	OMe
amino acid	H	OH	NH ₂	OEt
amino acid	H	OH	NH ₂	O-cyclopropyl
amino acid	H	OH	NH ₂	O-acetyl
amino acid	H	OH	NH ₂	SH
amino acid	H	OH	NH ₂	SMe
amino acid	H	OH	NH ₂	SEt
amino acid	H	OH	NH ₂	S-cyclopropyl
amino acid	H	OH	NH ₂	F
amino acid	H	OH	NH ₂	Cl
amino acid	H	OH	NH ₂	Br
amino acid	H	OH	NH ₂	I
amino acid	acyl	OH	NH ₂	H
amino acid	acyl	OH	NH ₂	NH ₂
amino acid	acyl	OH	NH ₂	NH-cyclopropyl
amino acid	acyl	OH	NH ₂	NH-methyl
amino acid	acyl	OH	NH ₂	NH-ethyl
amino acid	acyl	OH	NH ₂	NH-acetyl
amino acid	acyl	OH	NH ₂	OH
amino acid	acyl	OH	NH ₂	OMe
amino acid	acyl	OH	NH ₂	OEt
amino acid	acyl	OH	NH ₂	O-cyclopropyl
amino acid	acyl	OH	NH ₂	O-acetyl
amino acid	acyl	OH	NH ₂	SH
amino acid	acyl	OH	NH ₂	SMe
amino acid	acyl	OH	NH ₂	SEt
amino acid	acyl	OH	NH ₂	S-cyclopropyl
amino acid	acyl	OH	NH ₂	F
amino acid	acyl	OH	NH ₂	Cl
amino acid	acyl	OH	NH ₂	Br
amino acid	acyl	OH	NH ₂	I
acyl	H	CH ₃	SH	H
acyl	H	CH ₃	SH	NH ₂
acyl	H	CH ₃	SH	NH-cyclopropyl
acyl	H	CH ₃	SH	NH-methyl
acyl	H	CH ₃	SH	NH-ethyl
acyl	H	CH ₃	SH	NH-acetyl
acyl	H	CH ₃	SH	OH
acyl	H	CH ₃	SH	OMe
acyl	H	CH ₃	SH	OEt
acyl	H	CH ₃	SH	O-cyclopropyl
acyl	H	CH ₃	SH	O-acetyl
acyl	H	CH ₃	SH	SH
acyl	H	CH ₃	SH	SMe
acyl	H	CH ₃	SH	SEt
acyl	H	CH ₃	SH	S-cyclopropyl
acyl	H	CH ₃	SH	F
acyl	H	CH ₃	SH	Cl
acyl	H	CH ₃	SH	Br
acyl	H	CH ₃	SH	I
acyl	acyl	CH ₃	SH	H
acyl	acyl	CH ₃	SH	NH ₂
acyl	acyl	CH ₃	SH	NH-cyclopropyl
acyl	acyl	CH ₃	SH	NH-methyl
acyl	acyl	CH ₃	SH	NH-ethyl

TABLE 8-continued

R_2		R_3	X^1	X^2	Y
5	acyl	acyl	CH ₃	SH	NH-acetyl
	acyl	acyl	CH ₃	SH	OH
	acyl	acyl	CH ₃	SH	OMe
	acyl	acyl	CH ₃	SH	OEt
	acyl	acyl	CH ₃	SH	O-cyclopropyl
	acyl	acyl	CH ₃	SH	O-acetyl
10	acyl	acyl	CH ₃	SH	SH
	acyl	acyl	CH ₃	SH	SMe
	acyl	acyl	CH ₃	SH	SEt
	acyl	acyl	CH ₃	SH	S-cyclopropyl
	acyl	acyl	CH ₃	SH	F
	acyl	acyl	CH ₃	SH	Cl
15	acyl	acyl	CH ₃	SH	Br
	acyl	acyl	CH ₃	SH	I
	acyl	amino acid	CH ₃	SH	H
	acyl	amino acid	CH ₃	SH	NH ₂
	acyl	amino acid	CH ₃	SH	NH-cyclopropyl
	acyl	amino acid	CH ₃	SH	NH-methyl
20	acyl	amino acid	CH ₃	SH	NH-ethyl
	acyl	amino acid	CH ₃	SH	NH-acetyl
	acyl	amino acid	CH ₃	SH	OH
	acyl	amino acid	CH ₃	SH	OMe
	acyl	amino acid	CH ₃	SH	OEt
	acyl	amino acid	CH ₃	SH	O-cyclopropyl
	acyl	amino acid	CH ₃	SH	O-acetyl
25	acyl	amino acid	CH ₃	SH	SH
	acyl	amino acid	CH ₃	SH	SMe
	acyl	amino acid	CH ₃	SH	SEt
	acyl	amino acid	CH ₃	SH	S-cyclopropyl
	acyl	amino acid	CH ₃	SH	F
	acyl	amino acid	CH ₃	SH	Cl
30	acyl	amino acid	CH ₃	SH	Br
	acyl	amino acid	CH ₃	SH	I
	H	acyl	CH ₃	SH	H
	H	acyl	CH ₃	SH	NH ₂
	H	acyl	CH ₃	SH	NH-cyclopropyl
	H	acyl	CH ₃	SH	NH-methyl
35	H	acyl	CH ₃	SH	NH-ethyl
	H	acyl	CH ₃	SH	NH-acetyl
	H	acyl	CH ₃	SH	OH
	H	acyl	CH ₃	SH	OMe
	H	acyl	CH ₃	SH	OEt
	H	acyl	CH ₃	SH	O-cyclopropyl
40	H	acyl	CH ₃	SH	O-acetyl
	H	acyl	CH ₃	SH	SH
	H	acyl	CH ₃	SH	SMe
	H	acyl	CH ₃	SH	SEt
	H	acyl	CH ₃	SH	S-cyclopropyl
	H	acyl	CH ₃	SH	F
	H	acyl	CH ₃	SH	Cl
45	H	acyl	CH ₃	SH	Br
	H	acyl	CH ₃	SH	I
	H	amino acid	CH ₃	SH	H
	H	amino acid	CH ₃	SH	NH ₂
	H	amino acid	CH ₃	SH	NH-cyclopropyl
	H	amino acid	CH ₃	SH	NH-methyl
50	H	amino acid	CH ₃	SH	NH-ethyl
	H	amino acid	CH ₃	SH	NH-acetyl
	H	amino acid	Cu3	SH	OH
	H	amino acid	CH ₃	SH	OMe
	H	amino acid	CH ₃	SH	OEt
	H	amino acid	CH ₃	SH	O-cyclopropyl
55	H	amino acid	CH ₃	SH	O-acetyl
	H	amino acid	CH ₃	SH	SH
	H	amino acid	CH ₃	SH	SMe
	H	amino acid	CH ₃	SH	SEt
	H	amino acid	CH ₃	SH	S-cyclopropyl
	H	amino acid	CH ₃	SH	F
	H	amino acid	CH ₃	SH	Cl
60	H	amino acid	CH ₃	SH	Br
	H	amino acid	CH ₃	SH	I
	amino acid	amino acid	CH ₃	SH	H
	amino acid	amino acid	CH ₃	SH	NH ₂
	amino acid	amino acid	CH ₃	SH	NH-cyclopropyl
	amino acid	amino acid	CH ₃	SH	NH-methyl
65	amino acid	amino acid	CH ₃	SH	NH-ethyl
	amino acid	amino acid	CH ₃	SH	NH-acetyl

TABLE 8-continued

R ₂	R ₃	X ¹	X ²	Y
amino acid	amino acid	CH ₃	SH	OH
amino acid	amino acid	CH ₃	SH	OMe
amino acid	amino acid	CH ₃	SH	OEt
amino acid	amino acid	CH ₃	SH	O-cyclopropyl
amino acid	amino acid	CH ₃	SH	O-acetyl
amino acid	amino acid	CH ₃	SH	SH
amino acid	amino acid	CH ₃	SH	SMe
amino acid	amino acid	CH ₃	SH	SEt
amino acid	amino acid	CH ₃	SH	S-cyclopropyl
amino acid	amino acid	CH ₃	SH	F
amino acid	amino acid	CH ₃	SH	Cl
amino acid	amino acid	CH ₃	SH	Br
amino acid	amino acid	CH ₃	SH	I
amino acid	H	CH ₃	SH	H
amino acid	H	CH ₃	SH	NH ₂
amino acid	H	CH ₃	SH	NH-cyclopropyl
amino acid	H	CH ₃	SH	NH-methyl
amino acid	H	CH ₃	SH	NH-ethyl
amino acid	H	CH ₃	SH	NH-acetyl
amino acid	H	CH ₃	SH	OH
amino acid	H	CH ₃	SH	OMe
amino acid	H	CH ₃	SH	OEt
amino acid	H	CH ₃	SH	O-cyclopropyl
amino acid	H	CH ₃	SH	O-acetyl
amino acid	H	CH ₃	SH	SH
amino acid	H	CH ₃	SH	SMe
amino acid	H	CH ₃	SH	SEt
amino acid	H	CH ₃	SH	S-cyclopropyl
amino acid	H	CH ₃	SH	F
amino acid	H	CH ₃	SH	Cl
amino acid	H	CH ₃	SH	Br
amino acid	H	CH ₃	SH	I
amino acid	acyl	CH ₃	SH	H
amino acid	acyl	CH ₃	SH	NH ₂
amino acid	acyl	CH ₃	SH	NH-cyclopropyl
amino acid	acyl	CH ₃	SH	NH-methyl
amino acid	acyl	CH ₃	SH	NH-ethyl
amino acid	acyl	CH ₃	SH	NH-acetyl
amino acid	acyl	CH ₃	SH	OH
amino acid	acyl	CH ₃	SH	OMe
amino acid	acyl	CH ₃	SH	OEt
amino acid	acyl	CH ₃	SH	O-cyclopropyl
amino acid	acyl	CH ₃	SH	O-acetyl
amino acid	acyl	CH ₃	SH	SH
amino acid	acyl	CH ₃	SH	SMe
amino acid	acyl	CH ₃	SH	SEt
amino acid	acyl	CH ₃	SH	S-cyclopropyl
amino acid	acyl	CH ₃	SH	F
amino acid	acyl	CH ₃	SH	Cl
amino acid	acyl	CH ₃	SH	Br
amino acid	acyl	CH ₃	SH	I
acyl	H	CF ₃	SH	H
acyl	H	CF ₃	SH	NH ₂
acyl	H	CF ₃	SH	NH-cyclopropyl
acyl	H	CF ₃	SH	NH-methyl
acyl	H	CF ₃	SH	NH-ethyl
acyl	H	CF ₃	SH	NH-acetyl
acyl	H	CF ₃	SH	OH
acyl	H	CF ₃	SH	OMe
acyl	H	CF ₃	SH	OEt
acyl	H	CF ₃	SH	O-cyclopropyl
acyl	H	CF ₃	SH	O-acetyl
acyl	H	CF ₃	SH	SH
acyl	H	CF ₃	SH	SMe
acyl	H	CF ₃	SH	SEt
acyl	H	CF ₃	SH	S-cyclopropyl
acyl	H	CF ₃	SH	F
acyl	H	CF ₃	SH	Cl
acyl	H	CF ₃	SH	Br
acyl	H	CF ₃	SH	I
acyl	acyl	CF ₃	SH	H
acyl	acyl	CF ₃	SH	NH ₂
acyl	acyl	CF ₃	SH	NH-cyclopropyl
acyl	acyl	CF ₃	SH	NH-methyl
acyl	acyl	CF ₃	SH	NH-ethyl
acyl	acyl	CF ₃	SH	NH-acetyl
acyl	acyl	CF ₃	SH	OH

TABLE 8-continued

R_2	R_3	X^1	X^2	Y	
5	acyl	acyl	CF ₃	SH	OMe
	acyl	acyl	CF ₃	SH	OEt
	acyl	acyl	CF ₃	SH	O-cyclopropyl
	acyl	acyl	CF ₃	SH	O-acetyl
	acyl	acyl	CF ₃	SH	SH
	acyl	acyl	CF ₃	SH	SMe
10	acyl	acyl	CF ₃	SH	SEt
	acyl	acyl	CF ₃	SH	S-cyclopropyl
	acyl	acyl	CF ₃	SH	F
	acyl	acyl	CF ₃	SH	Cl
	acyl	acyl	CF ₃	SH	Br
	acyl	acyl	CF ₃	SH	I
15	acyl	amino acid	CF ₃	SH	H
	acyl	amino acid	CF ₃	SH	NH ₂
	acyl	amino acid	CF ₃	SH	NH-cyclopropyl
	acyl	amino acid	CF ₃	SH	NH-methyl
	acyl	amino acid	CF ₃	SH	NH-ethyl
	acyl	amino acid	CF ₃	SH	NH-acetyl
20	acyl	amino acid	CF ₃	SH	OH
	acyl	amino acid	CF ₃	SH	OMe
	acyl	amino acid	CF ₃	SH	OEt
	acyl	amino acid	CF ₃	SH	O-cyclopropyl
	acyl	amino acid	CF ₃	SH	O-acetyl
	acyl	amino acid	CF ₃	SH	SH
25	acyl	amino acid	CF ₃	SH	SMe
	acyl	amino acid	CF ₃	SH	SEt
	acyl	amino acid	CF ₃	SH	S-cyclopropyl
	acyl	amino acid	CF ₃	SH	F
	acyl	amino acid	CF ₃	SH	Cl
	acyl	amino acid	CF ₃	SH	Br
30	acyl	amino acid	CF ₃	SH	I
	H	acyl	CF ₃	SH	H
	H	acyl	CF ₃	SH	NH ₂
	H	acyl	CF ₃	SH	NH-cyclopropyl
	H	acyl	CF ₃	SH	NH-methyl
	H	acyl	CF ₃	SH	NH-ethyl
35	H	acyl	CF ₃	SH	NH-acetyl
	H	acyl	CF ₃	SH	OH
	H	acyl	CF ₃	SH	OMe
	H	acyl	CF ₃	SH	OEt
	H	acyl	CF ₃	SH	O-cyclopropyl
	H	acyl	CF ₃	SH	O-acetyl
40	H	acyl	CF ₃	SH	SH
	H	acyl	CF ₃	SH	SMe
	H	acyl	CF ₃	SH	SEt
	H	acyl	CF ₃	SH	S-cyclopropyl
	H	acyl	CF ₃	SH	F
	H	acyl	CF ₃	SH	Cl
45	H	acyl	CF ₃	SH	Br
	H	acyl	CF ₃	SH	I
	H	amino acid	CF ₃	SH	H
	H	amino acid	CF ₃	SH	NH ₂
	H	amino acid	CF ₃	SH	NH-cyclopropyl
	H	amino acid	CF ₃	SH	NH-methyl
50	H	amino acid	CF ₃	SH	NH-ethyl
	H	amino acid	CF ₃	SH	NH-acetyl
	H	amino acid	CF ₃	SH	OH
	H	amino acid	CF ₃	SH	OMe
	H	amino acid	CF ₃	SH	OEt
	H	amino acid	CF ₃	SH	O-cyclopropyl
55	H	amino acid	CF ₃	SH	O-acetyl
	H	amino acid	CF ₃	SH	SH
	H	amino acid	CF ₃	SH	SMe
	H	amino acid	CF ₃	SH	SEt
	H	amino acid	CF ₃	SH	S-cyclopropyl
	H	amino acid	CF ₃	SH	F
60	H	amino acid	CF ₃	SH	Cl
	H	amino acid	CF ₃	SH	Br
	H	amino acid	CF ₃	SH	I
	amino acid	amino acid	CF ₃	SH	H
	amino acid	amino acid	CF ₃	SH	NH ₂
	amino acid	amino acid	CF ₃	SH	NH-cyclopropyl
65	amino acid	amino acid	CF ₃	SH	NH-methyl
	amino acid	amino acid	CF ₃	SH	NH-ethyl
	amino acid	amino acid	CF ₃	SH	NH-acetyl
	amino acid	amino acid	CF ₃	SH	OH
	amino acid	amino acid	CF ₃	SH	OMe

TABLE 8-continued

R ₂	R ₃	X ¹	X ²	Y
amino acid	amino acid	CF ₃	SH	OEt
amino acid	amino acid	CF ₃	SH	O-cyclopropyl
amino acid	amino acid	CF ₃	SH	O-acetyl
amino acid	amino acid	CF ₃	SH	SH
amino acid	amino acid	CF ₃	SH	SMe
amino acid	amino acid	CF ₃	SH	SEt
amino acid	amino acid	CF ₃	SH	S-cyclopropyl
amino acid	amino acid	CF ₃	SH	F
amino acid	amino acid	CF ₃	SH	Cl
amino acid	amino acid	CF ₃	SH	Br
amino acid	amino acid	CF ₃	SH	I
amino acid	amino acid	CF ₃	SH	H
amino acid	H	CF ₃	SH	NH ₂
amino acid	H	CF ₃	SH	NH-cyclopropyl
amino acid	H	CF ₃	SH	NH-methyl
amino acid	H	CF ₃	SH	NH-ethyl
amino acid	H	CF ₃	SH	NH-acetyl
amino acid	H	CF ₃	SH	OH
amino acid	H	CF ₃	SH	OMe
amino acid	H	CF ₃	SH	OEt
amino acid	H	CF ₃	SH	O-cyclopropyl
amino acid	H	CF ₃	SH	O-acetyl
amino acid	H	CF ₃	SH	SH
amino acid	H	CF ₃	SH	SMe
amino acid	H	CF ₃	SH	SEt
amino acid	H	CF ₃	SH	S-cyclopropyl
amino acid	H	CF ₃	SH	F
amino acid	H	CF ₃	SH	Cl
amino acid	H	CF ₃	SH	Br
amino acid	H	CF ₃	SH	I
amino acid	H	CF ₃	SH	H
amino acid	acyl	CF ₃	SH	H
amino acid	acyl	CF ₃	SH	NH ₂
amino acid	acyl	CF ₃	SH	NH-cyclopropyl
amino acid	acyl	CF ₃	SH	NH-methyl
amino acid	acyl	CF ₃	SH	NH-ethyl
amino acid	acyl	CF ₃	SH	NH-acetyl
amino acid	acyl	CF ₃	SH	OH
amino acid	acyl	CF ₃	SH	OMe
amino acid	acyl	CF ₃	SH	OEt
amino acid	acyl	CF ₃	SH	O-cyclopropyl
amino acid	acyl	CF ₃	SH	O-acetyl
amino acid	acyl	CF ₃	SH	SH
amino acid	acyl	CF ₃	SH	SMe
amino acid	acyl	CF ₃	SH	SEt
amino acid	acyl	CF ₃	SH	S-cyclopropyl
amino acid	acyl	CF ₃	SH	F
amino acid	acyl	CF ₃	SH	Cl
amino acid	acyl	CF ₃	SH	Br
amino acid	acyl	CF ₃	SH	I
amino acid	acyl	CF ₃	SH	H
acyl	H	Br	SH	NH ₂
acyl	H	Br	SH	NH-cyclopropyl
acyl	H	Br	SH	NH-methyl
acyl	H	Br	SH	NH-ethyl
acyl	H	Br	SH	NH-acetyl
acyl	H	Br	SH	OH
acyl	H	Br	SH	OMe
acyl	H	Br	SH	OEt
acyl	H	Br	SH	O-cyclopropyl
acyl	H	Br	SH	O-acetyl
acyl	H	Br	SH	SH
acyl	H	Br	SH	SMe
acyl	H	Br	SH	SEt
acyl	H	Br	SH	S-cyclopropyl
acyl	H	Br	SH	F
acyl	H	Br	SH	Cl
acyl	H	Br	SH	Br
acyl	H	Br	SH	I
acyl	H	Br	SH	H
acyl	acyl	Br	SH	NH ₂
acyl	acyl	Br	SH	NH-cyclopropyl
acyl	acyl	Br	SH	NH-methyl
acyl	acyl	Br	SH	NH-ethyl
acyl	acyl	Br	SH	NH-acetyl
acyl	acyl	Br	SH	OH
acyl	acyl	Br	SH	OMe
acyl	acyl	Br	SH	OEt
acyl	acyl	Br	SH	O-cyclopropyl

TABLE 8-continued

R ₂	R ₃	X ¹	X ²	Y	
5	acyl	acyl	Br	SH	O-cyclopropyl
	acyl	acyl	Br	SH	O-acetyl
	acyl	acyl	Br	SH	SH
	acyl	acyl	Br	SH	SMe
	acyl	acyl	Br	SH	SEt
	acyl	acyl	Br	SH	S-cyclopropyl
10	acyl	acyl	Br	SH	F
	acyl	acyl	Br	SH	Cl
	acyl	acyl	Br	SH	Br
	acyl	acyl	Br	SH	I
	acyl	amino acid	Br	SH	H
	acyl	amino acid	Br	SH	NH ₂
15	acyl	amino acid	Br	SH	NH-cyclopropyl
	acyl	amino acid	Br	SH	NH-methyl
	acyl	amino acid	Br	SH	NH-ethyl
	acyl	amino acid	Br	SH	NH-acetyl
	acyl	amino acid	Br	SH	OH
	acyl	amino acid	Br	SH	OMe
20	acyl	amino acid	Br	SH	OEt
	acyl	amino acid	Br	SH	O-cyclopropyl
	acyl	amino acid	Br	SH	O-acetyl
	acyl	amino acid	Br	SH	SH
	acyl	amino acid	Br	SH	SMe
	acyl	amino acid	Br	SH	SEt
25	acyl	amino acid	Br	SH	S-cyclopropyl
	acyl	amino acid	Br	SH	F
	acyl	amino acid	Br	SH	Cl
	acyl	amino acid	Br	SH	Br
	acyl	amino acid	Br	SH	I
	H	acyl	Br	SH	H
30	H	acyl	Br	SH	NH ₂
	H	acyl	Br	SH	NH-cyclopropyl
	H	acyl	Br	SH	NH-methyl
	H	acyl	Br	SH	NH-ethyl
	H	acyl	Br	SH	NH-acetyl
	H	acyl	Br	SH	OH
35	H	acyl	Br	SH	OMe
	H	acyl	Br	SH	OEt
	H	acyl	Br	SH	O-cyclopropyl
	H	acyl	Br	SH	O-acetyl
	H	acyl	Br	SH	SH
	H	acyl	Br	SH	SMe
40	H	acyl	Br	SH	SEt
	H	acyl	Br	SH	S-cyclopropyl
	H	acyl	Br	SH	F
	H	acyl	Br	SH	Cl
	H	acyl	Br	SH	Br
	H	acyl	Br	SH	I
45	H	amino acid	Br	SH	H
	H	amino acid	Br	SH	NH ₂
	H	amino acid	Br	SH	NH-cyclopropyl
	H	amino acid	Br	SH	NH-methyl
	H	amino acid	Br	SH	NH-ethyl
	H	amino acid	Br	SH	NH-acetyl
50	H	amino acid	Br	SH	OH
	H	amino acid	Br	SH	OMe
	H	amino acid	Br	SH	OEt
	H	amino acid	Br	SH	O-cyclopropyl
	H	amino acid	Br	SH	O-acetyl
	H	amino acid	Br	SH	SH
55	H	amino acid	Br	SH	SMe
	H	amino acid	Br	SH	SEt
	H	amino acid	Br	SH	S-cyclopropyl
	H	amino acid	Br	SH	F
	H	amino acid	Br	SH	Cl
	H	amino acid	Br	SH	Br
60	H	amino acid	Br	SH	I
	amino acid	amino acid	Br	SH	H
	amino acid	amino acid	Br	SH	NH ₂
	amino acid	amino acid	Br	SH	NH-cyclopropyl
	amino acid	amino acid	Br	SH	NH-methyl
	amino acid	amino acid	Br	SH	NH-ethyl
65	amino acid	amino acid	Br	SH	NH-acetyl
	amino acid	amino acid	Br	SH	OH
	amino acid	amino acid	Br	SH	OMe
	amino acid	amino acid	Br	SH	OEt
	amino acid	amino acid	Br	SH	O-cyclopropyl

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TABLE 8-continued

R ₂	R ₃	X ¹	X ²	Y
amino acid	amino acid	Br	SH	O-acetyl
amino acid	amino acid	Br	SH	SH
amino acid	amino acid	Br	SH	SMe
amino acid	amino acid	Br	SH	SEt
amino acid	amino acid	Br	SH	S-cyclopropyl
amino acid	amino acid	Br	SH	F
amino acid	amino acid	Br	SH	Cl
amino acid	amino acid	Br	SH	Br
amino acid	amino acid	Br	SH	I
amino acid	H	Br	SH	H
amino acid	H	Br	SH	NH ₂
amino acid	H	Br	SH	NH-cyclopropyl
amino acid	H	Br	SH	NH-methyl
amino acid	H	Br	SH	NH-ethyl
amino acid	H	Br	SH	NH-acetyl
amino acid	H	Br	SH	OH
amino acid	H	Br	SH	OMe
amino acid	H	Br	SH	OEt
amino acid	H	Br	SH	O-cyclopropyl
amino acid	H	Br	SH	O-acetyl
amino acid	H	Br	SH	SH
amino acid	H	Br	SH	SMe
amino acid	H	Br	SH	SEt
amino acid	H	Br	SH	S-cyclopropyl
amino acid	H	Br	SH	F
amino acid	H	Br	SH	Cl
amino acid	H	Br	SH	Br
amino acid	H	Br	SH	I
amino acid	acyl	Br	SH	H
amino acid	acyl	Br	SH	NH ₂
amino acid	acyl	Br	SH	NH-cyclopropyl
amino acid	acyl	Br	SH	NH-methyl
amino acid	acyl	Br	SH	NH-ethyl
amino acid	acyl	Br	SH	NH-acetyl
amino acid	acyl	Br	SH	OH
amino acid	acyl	Br	SH	OMe
amino acid	acyl	Br	SH	OEt
amino acid	acyl	Br	SH	O-cyclopropyl
amino acid	acyl	Br	SH	O-acetyl
amino acid	acyl	Br	SH	SH
amino acid	acyl	Br	SH	SMe
amino acid	acyl	Br	SH	SEt
amino acid	acyl	Br	SH	S-cyclopropyl
amino acid	acyl	Br	SH	F
amino acid	acyl	Br	SH	Cl
amino acid	acyl	Br	SH	Br
amino acid	acyl	Br	SH	I
acyl	H	Cl	SH	H
acyl	H	Cl	SH	NH ₂
acyl	H	Cl	SH	NH-cyclopropyl
acyl	H	Cl	SH	NH-methyl
acyl	H	Cl	SH	NH-ethyl
acyl	H	Cl	SH	NH-acetyl
acyl	H	Cl	SH	OH
acyl	H	Cl	SH	OMe
acyl	H	Cl	SH	OEt
acyl	H	Cl	SH	O-cyclopropyl
acyl	H	Cl	SH	O-acetyl
acyl	H	Cl	SH	SH
acyl	H	Cl	SH	SMe
acyl	H	Cl	SH	SEt
acyl	H	Cl	SH	S-cyclopropyl
acyl	H	Cl	SH	F
acyl	H	Cl	SH	Cl
acyl	H	Cl	SH	Br
acyl	H	Cl	SH	I
acyl	acyl	Cl	SH	H
acyl	acyl	Cl	SH	NH ₂
acyl	acyl	Cl	SH	NH-cyclopropyl
acyl	acyl	Cl	SH	NH-methyl
acyl	acyl	Cl	SH	NH-ethyl
acyl	acyl	Cl	SH	NH-acetyl
acyl	acyl	Cl	SH	OH
acyl	acyl	Cl	SH	OMe
acyl	acyl	Cl	SH	OEt
acyl	acyl	Cl	SH	O-cyclopropyl
acyl	acyl	Cl	SH	O-acetyl

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TABLE 8-continued

	R ₂	R ₃	X ¹	X ²	Y
5	acyl	acyl	Cl	SH	SH
	acyl	acyl	Cl	SH	SMe
	acyl	acyl	Cl	SH	SEt
	acyl	acyl	Cl	SH	S-cyclopropyl
	acyl	acyl	Cl	SH	F
	acyl	acyl	Cl	SH	Cl
10	acyl	acyl	Cl	SH	Br
	acyl	acyl	Cl	SH	I
	acyl	amino acid	Cl	SH	H
	acyl	amino acid	Cl	SH	NH ₂
	acyl	amino acid	Cl	SH	NH-cyclopropyl
	acyl	amino acid	Cl	SH	NH-methyl
15	acyl	amino acid	Cl	SH	NH-ethyl
	acyl	amino acid	Cl	SH	NH-acetyl
	acyl	amino acid	Cl	SH	OH
	acyl	amino acid	Cl	SH	OMe
	acyl	amino acid	Cl	SH	OEt
	acyl	amino acid	Cl	SH	O-cyclopropyl
	acyl	amino acid	Cl	SH	O-acetyl
20	acyl	amino acid	Cl	SH	SH
	acyl	amino acid	Cl	SH	SMe
	acyl	amino acid	Cl	SH	SEt
	acyl	amino acid	Cl	SH	S-cyclopropyl
	acyl	amino acid	Cl	SH	F
	acyl	amino acid	Cl	SH	Cl
25	acyl	amino acid	Cl	SH	Br
	acyl	amino acid	Cl	SH	I
	H	acyl	Cl	SH	H
	H	acyl	Cl	SH	NH ₂
	H	acyl	Cl	SH	NH-cyclopropyl
	H	acyl	Cl	SH	NH-methyl
30	H	acyl	Cl	SH	NH-ethyl
	H	acyl	Cl	SH	NH-acetyl
	H	acyl	Cl	SH	OH
	H	acyl	Cl	SH	OMe
	H	acyl	Cl	SH	OEt
	H	acyl	Cl	SH	O-cyclopropyl
	H	acyl	Cl	SH	O-acetyl
35	H	acyl	Cl	SH	SH
	H	acyl	Cl	SH	SMe
	H	acyl	Cl	SH	SEt
	H	acyl	Cl	SH	S-cyclopropyl
	H	acyl	Cl	SH	F
	H	acyl	Cl	SH	Cl
40	H	acyl	Cl	SH	Br
	H	acyl	Cl	SH	I
	H	amino acid	Cl	SH	H
	H	amino acid	Cl	SH	NH ₂
	H	amino acid	Cl	SH	NH-cyclopropyl
	H	amino acid	Cl	SH	NH-methyl
45	H	amino acid	Cl	SH	NH-ethyl
	H	amino acid	Cl	SH	NH-acetyl
	H	amino acid	Cl	SH	OH
	H	amino acid	Cl	SH	OMe
	H	amino acid	Cl	SH	OEt
	H	amino acid	Cl	SH	O-cyclopropyl
	H	amino acid	Cl	SH	O-acetyl
50	H	amino acid	Cl	SH	SH
	H	amino acid	Cl	SH	SMe
	H	amino acid	Cl	SH	SEt
	H	amino acid	Cl	SH	S-cyclopropyl
	H	amino acid	Cl	SH	F
55	H	amino acid	Cl	SH	Cl
	H	amino acid	Cl	SH	Br
	H	amino acid	Cl	SH	I
	amino acid	amino acid	Cl	SH	H
	amino acid	amino acid	Cl	SH	NH ₂
	amino acid	amino acid	Cl	SH	NH-cyclopropyl
	amino acid	amino acid	Cl	SH	NH-methyl
60	amino acid	amino acid	Cl	SH	NH-ethyl
	amino acid	amino acid	Cl	SH	NH-acetyl
	amino acid	amino acid	Cl	SH	OH
	amino acid	amino acid	Cl	SH	OMe
	amino acid	amino acid	Cl	SH	OEt
	amino acid	amino acid	Cl	SH	O-cyclopropyl
	amino acid	amino acid	Cl	SH	O-acetyl
65	amino acid	amino acid	Cl	SH	SH

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TABLE 8-continued

R ₂	R ₃	X ¹	X ²	Y
amino acid	amino acid	Cl	SH	SMe
amino acid	amino acid	Cl	SH	SEt
amino acid	amino acid	Cl	SH	S-cyclopropyl
amino acid	amino acid	Cl	SH	F
amino acid	amino acid	Cl	SH	Cl
amino acid	amino acid	Cl	SH	Br
amino acid	amino acid	Cl	SH	I
amino acid	H	Cl	SH	H
amino acid	H	Cl	SH	NH ₂
amino acid	H	Cl	SH	NH-cyclopropyl
amino acid	H	Cl	SH	NH-methyl
amino acid	H	Cl	SH	NH-ethyl
amino acid	H	Cl	SH	NH-acetyl
amino acid	H	Cl	SH	OH
amino acid	H	Cl	SH	OMe
amino acid	H	Cl	SH	OEt
amino acid	H	Cl	SH	O-cyclopropyl
amino acid	H	Cl	SH	O-acetyl
amino acid	H	Cl	SH	SH
amino acid	H	Cl	SH	SMe
amino acid	H	Cl	SH	SEt
amino acid	H	Cl	SH	S-cyclopropyl
amino acid	H	Cl	SH	F
amino acid	H	Cl	SH	Cl
amino acid	H	Cl	SH	Br
amino acid	H	Cl	SH	I
amino acid	acyl	Cl	SH	H
amino acid	acyl	Cl	SH	NH ₂
amino acid	acyl	Cl	SH	NH-cyclopropyl
amino acid	acyl	Cl	SH	NH-methyl
amino acid	acyl	Cl	SH	NH-ethyl
amino acid	acyl	Cl	SH	NH-acetyl
amino acid	acyl	Cl	SH	OH
amino acid	acyl	Cl	SH	OMe
amino acid	acyl	Cl	SH	OEt
amino acid	acyl	Cl	SH	O-cyclopropyl
amino acid	acyl	Cl	SH	O-acetyl
amino acid	acyl	Cl	SH	SH
amino acid	acyl	Cl	SH	SMe
amino acid	acyl	Cl	SH	SEt
amino acid	acyl	Cl	SH	S-cyclopropyl
amino acid	acyl	Cl	SH	F
amino acid	acyl	Cl	SH	Cl
amino acid	acyl	Cl	SH	Br
amino acid	acyl	Cl	SH	I
acyl	H	F	SH	H
acyl	H	F	SH	NH ₂
acyl	H	F	SH	NH-cyclopropyl
acyl	H	F	SH	NH-methyl
acyl	H	F	SH	NH-ethyl
acyl	H	F	SH	NH-acetyl
acyl	H	F	SH	OH
acyl	H	F	SH	OMe
acyl	H	F	SH	OEt
acyl	H	F	SH	O-cyclopropyl
acyl	H	F	SH	O-acetyl
acyl	H	F	SH	SH
acyl	H	F	SH	SMe
acyl	H	F	SH	SEt
acyl	H	F	SH	S-cyclopropyl
acyl	H	F	SH	F
acyl	H	F	SH	Cl
acyl	H	F	SH	Br
acyl	H	F	SH	I
acyl	acyl	F	SH	H
acyl	acyl	F	SH	NH ₂
acyl	acyl	F	SH	NH-cyclopropyl
acyl	acyl	F	SH	NH-methyl
acyl	acyl	F	SH	NH-ethyl
acyl	acyl	F	SH	NH-acetyl
acyl	acyl	F	SH	OH
acyl	acyl	F	SH	OMe
acyl	acyl	F	SH	OEt
acyl	acyl	F	SH	O-cyclopropyl
acyl	acyl	F	SH	O-acetyl
acyl	acyl	F	SH	SH
acyl	acyl	F	SH	SMe

TABLE 8-continued

	R ₂	R ₃	X ¹	X ²	Y
5	acyl	acyl	F	SH	SEt
	acyl	acyl	F	SH	S-cyclopropyl
	acyl	acyl	F	SH	F
	acyl	acyl	F	SH	Cl
	acyl	acyl	F	SH	Br
	acyl	acyl	F	SH	I
10	acyl	amino acid	F	SH	H
	acyl	amino acid	F	SH	NH ₂
	acyl	amino acid	F	SH	NH-cyclopropyl
	acyl	amino acid	F	SH	NH-methyl
	acyl	amino acid	F	SH	NH-ethyl
	acyl	amino acid	F	SH	NH-acetyl
15	acyl	amino acid	F	SH	OH
	acyl	amino acid	F	SH	OMe
	acyl	amino acid	F	SH	OEt
	acyl	amino acid	F	SH	O-cyclopropyl
	acyl	amino acid	F	SH	O-acetyl
	acyl	amino acid	F	SH	SH
20	acyl	amino acid	F	SH	SMe
	acyl	amino acid	F	SH	SEt
	acyl	amino acid	F	SH	S-cyclopropyl
	acyl	amino acid	F	SH	F
	acyl	amino acid	F	SH	Cl
	acyl	amino acid	F	SH	Br
	acyl	amino acid	F	SH	I
25	H	acyl	F	SH	H
	H	acyl	F	SH	NH ₂
	H	acyl	F	SH	NH-cyclopropyl
	H	acyl	F	SH	NH-methyl
	H	acyl	F	SH	NH-ethyl
	H	acyl	F	SH	NH-acetyl
30	H	acyl	F	SH	OH
	H	acyl	F	SH	OMe
	H	acyl	F	SH	OEt
	H	acyl	F	SH	O-cyclopropyl
	H	acyl	F	SH	O-acetyl
	H	acyl	F	SH	SH
35	H	acyl	F	SH	SMe
	H	acyl	F	SH	SEt
	H	acyl	F	SH	S-cyclopropyl
	H	acyl	F	SH	F
	H	acyl	F	SH	Cl
	H	acyl	F	SH	Br
	H	acyl	F	SH	I
40	H	amino acid	F	SH	H
	H	amino acid	F	SH	NH ₂
	H	amino acid	F	SH	NH-cyclopropyl
	H	amino acid	F	SH	NH-methyl
	H	amino acid	F	SH	NH-ethyl
	H	amino acid	F	SH	NH-acetyl
45	H	amino acid	F	SH	OH
	H	amino acid	F	SH	OMe
	H	amino acid	F	SH	OEt
	H	amino acid	F	SH	O-cyclopropyl
	H	amino acid	F	SH	O-acetyl
	H	amino acid	F	SH	SH
50	H	amino acid	F	SH	SMe
	H	amino acid	F	SH	SEt
	H	amino acid	F	SH	S-cyclopropyl
	H	amino acid	F	SH	F
	H	amino acid	F	SH	Cl
	H	amino acid	F	SH	Br
	H	amino acid	F	SH	I
55	amino acid	amino acid	F	SH	H
	amino acid	amino acid	F	SH	NH ₂
	amino acid	amino acid	F	SH	NH-cyclopropyl
	amino acid	amino acid	F	SH	NH-methyl
	amino acid	amino acid	F	SH	NH-ethyl
	amino acid	amino acid	F	SH	NH-acetyl
60	amino acid	amino acid	F	SH	OH
	amino acid	amino acid	F	SH	OMe
	amino acid	amino acid	F	SH	OEt
	amino acid	amino acid	F	SH	O-cyclopropyl
	amino acid	amino acid	F	SH	O-acetyl
	amino acid	amino acid	F	SH	SH
65	amino acid	amino acid	F	SH	SMe
	amino acid	amino acid	F	SH	SEt

TABLE 8-continued

R ₂	R ₃	X ¹	X ²	Y
amino acid	amino acid	F	SH	S-cyclopropyl
amino acid	amino acid	F	SH	F
amino acid	amino acid	F	SH	Cl
amino acid	amino acid	F	SH	Br
amino acid	amino acid	F	SH	I
amino acid	H	F	SH	H
amino acid	H	F	SH	NH ₂
amino acid	H	F	SH	NH-cyclopropyl
amino acid	H	F	SH	NH-methyl
amino acid	H	F	SH	NH-ethyl
amino acid	H	F	SH	NH-acetyl
amino acid	H	F	SH	OH
amino acid	H	F	SH	OMe
amino acid	H	F	SH	OEt
amino acid	H	F	SH	O-cyclopropyl
amino acid	H	F	SH	O-acetyl
amino acid	H	F	SH	SH
amino acid	H	F	SH	SMe
amino acid	H	F	SH	SEt
amino acid	H	F	SH	S-cyclopropyl
amino acid	H	F	SH	F
amino acid	H	F	SH	Cl
amino acid	H	F	SH	Br
amino acid	H	F	SH	I
amino acid	acyl	F	SH	H
amino acid	acyl	F	SH	NH ₂
amino acid	acyl	F	SH	NH-cyclopropyl
amino acid	acyl	F	SH	NH-methyl
amino acid	acyl	F	SH	NH-ethyl
amino acid	acyl	F	SH	NH-acetyl
amino acid	acyl	F	SH	OH
amino acid	acyl	F	SH	OMe
amino acid	acyl	F	SH	OEt
amino acid	acyl	F	SH	O-cyclopropyl
amino acid	acyl	F	SH	O-acetyl
amino acid	acyl	F	SH	SH
amino acid	acyl	F	SH	SMe
amino acid	acyl	F	SH	SEt
amino acid	acyl	F	SH	S-cyclopropyl
amino acid	acyl	F	SH	F
amino acid	acyl	F	SH	Cl
amino acid	acyl	F	SH	Br
amino acid	acyl	F	SH	I
acyl	H	NH ₂	SH	H
acyl	H	NH ₂	SH	NH ₂
acyl	H	NH ₂	SH	NH-cyclopropyl
acyl	H	NH ₂	SH	NH-methyl
acyl	H	NH ₂	SH	NH-ethyl
acyl	H	NH ₂	SH	NH-acetyl
acyl	H	NH ₂	SH	OH
acyl	H	NH ₂	SH	OMe
acyl	H	NH ₂	SH	OEt
acyl	H	NH ₂	SH	O-cyclopropyl
acyl	H	NH ₂	SH	O-acetyl
acyl	H	NH ₂	SH	SH
acyl	H	NH ₂	SH	SMe
acyl	H	NH ₂	SH	SEt
acyl	H	NH ₂	SH	S-cyclopropyl
acyl	H	NH ₂	SH	F
acyl	H	NH ₂	SH	Cl
acyl	H	NH ₂	SH	Br
acyl	H	NH ₂	SH	I
acyl	acyl	NH ₂	SH	H
acyl	acyl	NH ₂	SH	NH ₂
acyl	acyl	NH ₂	SH	NH-cyclopropyl
acyl	acyl	NH ₂	SH	NH-methyl
acyl	acyl	NH ₂	SH	NH-ethyl
acyl	acyl	NH ₂	SH	NH-acetyl
acyl	acyl	NH ₂	SH	OH
acyl	acyl	NH ₂	SH	OMe
acyl	acyl	NH ₂	SH	OEt
acyl	acyl	NH ₂	SH	O-cyclopropyl
acyl	acyl	NH ₂	SH	O-acetyl
acyl	acyl	NH ₂	SH	SH
acyl	acyl	NH ₂	SH	SMe
acyl	acyl	NH ₂	SH	SEt
acyl	acyl	NH ₂	SH	S-cyclopropyl
acyl	acyl	NH ₂	SH	F

TABLE 8-continued

R ₂	R ₃	X ¹	X ²	Y
5	acyl	acyl	NH ₂	SH
	acyl	acyl	NH ₂	SH
	acyl	acyl	NH ₂	SH
	acyl	acyl	NH ₂	SH
	acyl	amino acid	NH ₂	SH
	acyl	amino acid	NH ₂	SH
10	acyl	amino acid	NH ₂	SH
	acyl	amino acid	NH ₂	SH
	acyl	amino acid	NH ₂	SH
	acyl	amino acid	NH ₂	SH
	acyl	amino acid	NH ₂	SH
	acyl	amino acid	NH ₂	SH
	acyl	amino acid	NH ₂	SH
	acyl	amino acid	NH ₂	SH
	acyl	amino acid	NH ₂	SH
15	acyl	amino acid	NH ₂	SH
	acyl	amino acid	NH ₂	SH
	acyl	amino acid	NH ₂	SH
	acyl	amino acid	NH ₂	SH
	acyl	amino acid	NH ₂	SH
	acyl	amino acid	NH ₂	SH
	acyl	amino acid	NH ₂	SH
	acyl	amino acid	NH ₂	SH
20	acyl	amino acid	NH ₂	SH
	acyl	amino acid	NH ₂	SH
	acyl	amino acid	NH ₂	SH
	acyl	amino acid	NH ₂	SH
	acyl	amino acid	NH ₂	SH
	acyl	amino acid	NH ₂	SH
	acyl	amino acid	NH ₂	SH
	acyl	amino acid	NH ₂	SH
	acyl	amino acid	NH ₂	SH
25	H	acyl	NH ₂	SH
	H	acyl	NH ₂	SH
	H	acyl	NH ₂	SH
	H	acyl	NH ₂	SH
	H	acyl	NH ₂	SH
	H	acyl	NH ₂	SH
	H	acyl	NH ₂	SH
	H	acyl	NH ₂	SH
	H	acyl	NH ₂	SH
	H	acyl	NH ₂	SH
30	H	acyl	NH ₂	SH
	H	acyl	NH ₂	SH
	H	acyl	NH ₂	SH
	H	acyl	NH ₂	SH
	H	acyl	NH ₂	SH
	H	acyl	NH ₂	SH
	H	acyl	NH ₂	SH
	H	acyl	NH ₂	SH
	H	acyl	NH ₂	SH
	H	acyl	NH ₂	SH
35	H	acyl	NH ₂	SH
	H	acyl	NH ₂	SH
	H	acyl	NH ₂	SH
	H	acyl	NH ₂	SH
	H	acyl	NH ₂	SH
	H	acyl	NH ₂	SH
	H	acyl	NH ₂	SH
	H	acyl	NH ₂	SH
	H	acyl	NH ₂	SH
	H	acyl	NH ₂	SH
40	H	amino acid	NH ₂	SH
	H	amino acid	NH ₂	SH
	H	amino acid	NH ₂	SH
	H	amino acid	NH ₂	SH
	H	amino acid	NH ₂	SH
	H	amino acid	NH ₂	SH
	H	amino acid	NH ₂	SH
	H	amino acid	NH ₂	SH
	H	amino acid	NH ₂	SH
	H	amino acid	NH ₂	SH
45	H	amino acid	NH ₂	SH
	H	amino acid	NH ₂	SH
	H	amino acid	NH ₂	SH
	H	amino acid	NH ₂	SH
	H	amino acid	NH ₂	SH
	H	amino acid	NH ₂	SH
	H	amino acid	NH ₂	SH
	H	amino acid	NH ₂	SH
	H	amino acid	NH ₂	SH
	H	amino acid	NH ₂	SH
50	H	amino acid	NH ₂	SH
	H	amino acid	NH ₂	SH
	H	amino acid	NH ₂	SH
	H	amino acid	NH ₂	SH
	H	amino acid	NH ₂	SH
	H	amino acid	NH ₂	SH
	H	amino acid	NH ₂	SH
	H	amino acid	NH ₂	SH
	H	amino acid	NH ₂	SH
	H	amino acid	NH ₂	SH
55	amino acid	amino acid	NH ₂	SH
	amino acid	amino acid	NH ₂	SH
	amino acid	amino acid	NH ₂	SH
	amino acid	amino acid	NH ₂	SH
	amino acid	amino acid	NH ₂	SH
	amino acid	amino acid	NH ₂	SH
	amino acid	amino acid	NH ₂	SH
	amino acid	amino acid	NH ₂	SH
	amino acid	amino acid	NH ₂	SH
	amino acid	amino acid	NH ₂	SH
60	amino acid	amino acid	NH ₂	SH
	amino acid	amino acid	NH ₂	SH
	amino acid	amino acid	NH ₂	SH
	amino acid	amino acid	NH ₂	SH
	amino acid	amino acid	NH ₂	SH
	amino acid	amino acid	NH ₂	SH
	amino acid	amino acid	NH ₂	SH
	amino acid	amino acid	NH ₂	SH
	amino acid	amino acid	NH ₂	SH
65	amino acid	amino acid	NH ₂	SH
	amino acid	amino acid	NH ₂	SH

TABLE 8-continued

R ₂	R ₃	X ¹	X ²	Y
amino acid	amino acid	NH ₂	SH	Cl
amino acid	amino acid	NH ₂	SH	Br
amino acid	amino acid	NH ₂	SH	I
amino acid	H	NH ₂	SH	H
amino acid	H	NH ₂	SH	NH ₂
amino acid	H	NH ₂	SH	NH-cyclopropyl
amino acid	H	NH ₂	SH	NH-methyl
amino acid	H	NH ₂	SH	NH-ethyl
amino acid	H	NH ₂	SH	NH-acetyl
amino acid	H	NH ₂	SH	OH
amino acid	H	NH ₂	SH	OMe
amino acid	H	NH ₂	SH	OEt
amino acid	H	NH ₂	SH	O-cyclopropyl
amino acid	H	NH ₂	SH	O-acetyl
amino acid	H	NH ₂	SH	SH
amino acid	H	NH ₂	SH	SMe
amino acid	H	NH ₂	SH	SEt
amino acid	H	NH ₂	SH	S-cyclopropyl
amino acid	H	NH ₂	SH	F
amino acid	H	NH ₂	SH	Cl
amino acid	H	NH ₂	SH	Br
amino acid	H	NH ₂	SH	I
amino acid	acyl	NH ₂	SH	H
amino acid	acyl	NH ₂	SH	NH ₂
amino acid	acyl	NH ₂	SH	NH-cyclopropyl
amino acid	acyl	NH ₂	SH	NH-methyl
amino acid	acyl	NH ₂	SH	NH-ethyl
amino acid	acyl	NH ₂	SH	NH-acetyl
amino acid	acyl	NH ₂	SH	OH
amino acid	acyl	NH ₂	SH	OMe
amino acid	acyl	NH ₂	SH	OEt
amino acid	acyl	NH ₂	SH	O-cyclopropyl
amino acid	acyl	NH ₂	SH	O-acetyl
amino acid	acyl	NH ₂	SH	SH
amino acid	acyl	NH ₂	SH	SMe
amino acid	acyl	NH ₂	SH	SEt
amino acid	acyl	NH ₂	SH	S-cyclopropyl
amino acid	acyl	NH ₂	SH	F
amino acid	acyl	NH ₂	SH	Cl
amino acid	acyl	NH ₂	SH	Br
amino acid	acyl	NH ₂	SH	I
acyl	H	SH	SH	H
acyl	H	SH	SH	NH ₂
acyl	H	SH	SH	NH-cyclopropyl
acyl	H	SH	SH	NH-methyl
acyl	H	SH	SH	NH-ethyl
acyl	H	SH	SH	NH-acetyl
acyl	H	SH	SH	OH
acyl	H	SH	SH	OMe
acyl	H	SH	SH	OEt
acyl	H	SH	SH	O-cyclopropyl
acyl	H	SH	SH	O-acetyl
acyl	H	SH	SH	SH
acyl	H	SH	SH	SMe
acyl	H	SH	SH	SEt
acyl	H	SH	SH	S-cyclopropyl
acyl	H	SH	SH	F
acyl	H	SH	SH	Cl
acyl	H	SH	SH	Br
acyl	H	SH	SH	I
acyl	acyl	SH	SH	H
acyl	acyl	SH	SH	NH ₂
acyl	acyl	SH	SH	NH-cyclopropyl
acyl	acyl	SH	SH	NH-methyl
acyl	acyl	SH	SH	NH-ethyl
acyl	acyl	SH	SH	NH-acetyl
acyl	acyl	SH	SH	OH
acyl	acyl	SH	SH	OMe
acyl	acyl	SH	SH	OEt
acyl	acyl	SH	SH	O-cyclopropyl
acyl	acyl	SH	SH	O-acetyl
acyl	acyl	SH	SH	SH
acyl	acyl	SH	SH	SMe
acyl	acyl	SH	SH	SEt
acyl	acyl	SH	SH	S-cyclopropyl
acyl	acyl	SH	SH	F
acyl	acyl	SH	SH	Cl

TABLE 8-continued

	R ₂	R ₃	X ¹	X ²	Y
5	acyl	acyl	SH	SH	Br
	acyl	acyl	SH	SH	I
	acyl	amino acid	SH	SH	H
	acyl	amino acid	SH	SH	NH ₂
	acyl	amino acid	SH	SH	NH-cyclopropyl
	acyl	amino acid	SH	SH	NH-methyl
10	acyl	amino acid	SH	SH	NH-ethyl
	acyl	amino acid	SH	SH	NH-acetyl
	acyl	amino acid	SH	SH	OH
	acyl	amino acid	SH	SH	OMe
	acyl	amino acid	SH	SH	OEt
	acyl	amino acid	SH	SH	O-cyclopropyl
15	acyl	amino acid	SH	SH	O-acetyl
	acyl	amino acid	SH	SH	SH
	acyl	amino acid	SH	SH	SMe
	acyl	amino acid	SH	SH	SEt
	acyl	amino acid	SH	SH	S-cyclopropyl
	acyl	amino acid	SH	SH	F
20	acyl	amino acid	SH	SH	Cl
	acyl	amino acid	SH	SH	Br
	acyl	amino acid	SH	SH	I
	H	acyl	SH	SH	H
	H	acyl	SH	SH	NH ₂
	H	acyl	SH	SH	NH-cyclopropyl
	H	acyl	SH	SH	NH-methyl
25	H	acyl	SH	SH	NH-ethyl
	H	acyl	SH	SH	NH-acetyl
	H	acyl	SH	SH	OH
	H	acyl	SH	SH	OMe
	H	acyl	SH	SH	OEt
	H	acyl	SH	SH	O-cyclopropyl
30	H	acyl	SH	SH	O-acetyl
	H	acyl	SH	SH	SH
	H	acyl	SH	SH	SMe
	H	acyl	SH	SH	SEt
	H	acyl	SH	SH	S-cyclopropyl
	H	acyl	SH	SH	F
35	H	acyl	SH	SH	Cl
	H	acyl	SH	SH	Br
	H	acyl	SH	SH	I
	H	amino acid	SH	SH	H
	H	amino acid	SH	SH	NH ₂
	H	amino acid	SH	SH	NH-cyclopropyl
40	H	amino acid	SH	SH	NH-methyl
	H	amino acid	SH	SH	NH-ethyl
	H	amino acid	SH	SH	NH-acetyl
	H	amino acid	SH	SH	OH
	H	amino acid	SH	SH	OMe
	H	amino acid	SH	SH	OEt
	H	amino acid	SH	SH	O-cyclopropyl
45	H	amino acid	SH	SH	O-acetyl
	H	amino acid	SH	SH	SH
	H	amino acid	SH	SH	SMe
	H	amino acid	SH	SH	SEt
	H	amino acid	SH	SH	S-cyclopropyl
	H	amino acid	SH	SH	F
50	H	amino acid	SH	SH	Cl
	H	amino acid	SH	SH	Br
	H	amino acid	SH	SH	I
	amino acid	amino acid	SH	SH	H
	amino acid	amino acid	SH	SH	NH ₂
	amino acid	amino acid	SH	SH	NH-cyclopropyl
55	amino acid	amino acid	SH	SH	NH-methyl
	amino acid	amino acid	SH	SH	NH-ethyl
	amino acid	amino acid	SH	SH	NH-acetyl
	amino acid	amino acid	SH	SH	OH
	amino acid	amino acid	SH	SH	OMe
	amino acid	amino acid	SH	SH	OEt
	amino acid	amino acid	SH	SH	O-cyclopropyl
60	amino acid	amino acid	SH	SH	O-acetyl
	amino acid	amino acid	SH	SH	SH
	amino acid	amino acid	SH	SH	SMe
	amino acid	amino acid	SH	SH	SEt
	amino acid	amino acid	SH	SH	S-cyclopropyl
	amino acid	amino acid	SH	SH	F
65	amino acid	amino acid	SH	SH	Cl
	amino acid	amino acid	SH	SH	Br

TABLE 8-continued

R ₂	R ₃	X ¹	X ²	Y
amino acid	amino acid	SH	SH	I
amino acid	H	SH	SH	H
amino acid	H	SH	SH	NH ₂
amino acid	H	SH	SH	NH-cyclopropyl
amino acid	H	SH	SH	NH-methyl
amino acid	H	SH	SH	NH-ethyl
amino acid	H	SH	SH	NH-acetyl
amino acid	H	SH	SH	OH
amino acid	H	SH	SH	OMe
amino acid	H	SH	SH	OEt
amino acid	H	SH	SH	O-cyclopropyl
amino acid	H	SH	SH	O-acetyl
amino acid	H	SH	SH	SH
amino acid	H	SH	SH	SMe
amino acid	H	SH	SH	SEt
amino acid	H	SH	SH	S-cyclopropyl
amino acid	H	SH	SH	F
amino acid	H	SH	SH	Cl
amino acid	H	SH	SH	Br
amino acid	H	SH	SH	I
amino acid	H	SH	SH	H
amino acid	acyl	SH	SH	H
amino acid	acyl	SH	SH	NH ₂
amino acid	acyl	SH	SH	NH-cyclopropyl
amino acid	acyl	SH	SH	NH-methyl
amino acid	acyl	SH	SH	NH-ethyl
amino acid	acyl	SH	SH	NH-acetyl
amino acid	acyl	SH	SH	OH
amino acid	acyl	SH	SH	OMe
amino acid	acyl	SH	SH	OEt
amino acid	acyl	SH	SH	O-cyclopropyl
amino acid	acyl	SH	SH	O-acetyl
amino acid	acyl	SH	SH	SH
amino acid	acyl	SH	SH	SMe
amino acid	acyl	SH	SH	SEt
amino acid	acyl	SH	SH	S-cyclopropyl
amino acid	acyl	SH	SH	F
amino acid	acyl	SH	SH	Cl
amino acid	acyl	SH	SH	Br
amino acid	acyl	SH	SH	I
amino acid	acyl	SH	SH	H
acyl	H	OH	SH	H
acyl	H	OH	SH	NH ₂
acyl	H	OH	SH	NH-cyclopropyl
acyl	H	OH	SH	NH-methyl
acyl	H	OH	SH	NH-ethyl
acyl	H	OH	SH	NH-acetyl
acyl	H	OH	SH	OH
acyl	H	OH	SH	OMe
acyl	H	OH	SH	OEt
acyl	H	OH	SH	O-cyclopropyl
acyl	H	OH	SH	O-acetyl
acyl	H	OH	SH	SH
acyl	H	OH	SH	SMe
acyl	H	OH	SH	SEt
acyl	H	OH	SH	S-cyclopropyl
acyl	H	OH	SH	F
acyl	H	OH	SH	Cl
acyl	H	OH	SH	Br
acyl	H	OH	SH	I
acyl	H	OH	SH	H
acyl	acyl	OH	SH	H
acyl	acyl	OH	SH	NH ₂
acyl	acyl	OH	SH	NH-cyclopropyl
acyl	acyl	OH	SH	NH-methyl
acyl	acyl	OH	SH	NH-ethyl
acyl	acyl	OH	SH	NH-acetyl
acyl	acyl	OH	SH	OH
acyl	acyl	OH	SH	OMe
acyl	acyl	OH	SH	OEt
acyl	acyl	OH	SH	O-cyclopropyl
acyl	acyl	OH	SH	O-acetyl
acyl	acyl	OH	SH	SH
acyl	acyl	OH	SH	SMe
acyl	acyl	OH	SH	SEt
acyl	acyl	OH	SH	S-cyclopropyl
acyl	acyl	OH	SH	F
acyl	acyl	OH	SH	Cl
acyl	acyl	OH	SH	Br
acyl	acyl	OH	SH	I
acyl	acyl	OH	SH	H

TABLE 8-continued

R ₂	R ₃	X ¹	X ²	Y	
5	acyl	amino acid	OH	SH	H
	acyl	amino acid	OH	SH	NH ₂
	acyl	amino acid	OH	SH	NH-cyclopropyl
	acyl	amino acid	OH	SH	NH-methyl
	acyl	amino acid	OH	SH	NH-ethyl
10	acyl	amino acid	OH	SH	NH-acetyl
	acyl	amino acid	OH	SH	OH
	acyl	amino acid	OH	SH	OMe
	acyl	amino acid	OH	SH	OEt
	acyl	amino acid	OH	SH	O-cyclopropyl
15	acyl	amino acid	OH	SH	O-acetyl
	acyl	amino acid	OH	SH	SH
	acyl	amino acid	OH	SH	SMe
	acyl	amino acid	OH	SH	SEt
	acyl	amino acid	OH	SH	S-cyclopropyl
20	acyl	amino acid	OH	SH	F
	acyl	amino acid	OH	SH	Cl
	acyl	amino acid	OH	SH	Br
	acyl	amino acid	OH	SH	I
	H	acyl	OH	SH	H
25	H	acyl	OH	SH	NH ₂
	H	acyl	OH	SH	NH-cyclopropyl
	H	acyl	OH	SH	NH-methyl
	H	acyl	OH	SH	NH-ethyl
	H	acyl	OH	SH	NH-acetyl
30	H	acyl	OH	SH	OH
	H	acyl	OH	SH	OMe
	H	acyl	OH	SH	OEt
	H	acyl	OH	SH	O-cyclopropyl
	H	acyl	OH	SH	O-acetyl
35	H	acyl	OH	SH	SH
	H	acyl	OH	SH	SMe
	H	acyl	OH	SH	SEt
	H	acyl	OH	SH	S-cyclopropyl
	H	acyl	OH	SH	F
40	H	acyl	OH	SH	Cl
	H	acyl	OH	SH	Br
	H	acyl	OH	SH	I
	H	amino acid	OH	SH	H
	H	amino acid	OH	SH	NH ₂
45	H	amino acid	OH	SH	NH-cyclopropyl
	H	amino acid	OH	SH	NH-methyl
	H	amino acid	OH	SH	NH-ethyl
	H	amino acid	OH	SH	NH-acetyl
	H	amino acid	OH	SH	OH
50	H	amino acid	OH	SH	OMe
	H	amino acid	OH	SH	OEt
	H	amino acid	OH	SH	O-cyclopropyl
	H	amino acid	OH	SH	O-acetyl
	H	amino acid	OH	SH	SH
55	H	amino acid	OH	SH	SMe
	H	amino acid	OH	SH	SEt
	H	amino acid	OH	SH	S-cyclopropyl
	H	amino acid	OH	SH	F
	H	amino acid	OH	SH	Cl
60	H	amino acid	OH	SH	Br
	H	amino acid	OH	SH	I
	amino acid	amino acid	OH	SH	H
	amino acid	amino acid	OH	SH	NH ₂
	amino acid	amino acid	OH	SH	NH-cyclopropyl
65	amino acid	amino acid	OH	SH	NH-methyl
	amino acid	amino acid	OH	SH	NH-ethyl
	amino acid	amino acid	OH	SH	NH-acetyl
	amino acid	amino acid	OH	SH	OH
	amino acid	amino acid	OH	SH	OMe
	amino acid	amino acid	OH	SH	OEt
	amino acid	amino acid	OH	SH	O-cyclopropyl
	amino acid	amino acid	OH	SH	O-acetyl
	amino acid	amino acid	OH	SH	SH
	amino acid	amino acid	OH	SH	SMe
	amino acid	amino acid	OH	SH	SEt
	amino acid	amino acid	OH	SH	S-cyclopropyl
	amino acid	amino acid	OH	SH	F
	amino acid	amino acid	OH	SH	Cl
	amino acid	amino acid	OH	SH	Br
	amino acid	amino acid	OH	SH	I
	amino acid	H	OH	SH	H

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TABLE 8-continued

R ₂	R ₃	X ¹	X ²	Y
amino acid	H	OH	SH	NH ₂
amino acid	H	OH	SH	NH-cyclopropyl
amino acid	H	OH	SH	NH-methyl
amino acid	H	OH	SH	NH-ethyl
amino acid	H	OH	SH	NH-acetyl
amino acid	H	OH	SH	OH
amino acid	H	OH	SH	OMe
amino acid	H	OH	SH	OEt
amino acid	H	OH	SH	O-cyclopropyl
amino acid	H	OH	SH	O-acetyl
amino acid	H	OH	SH	SH
amino acid	H	OH	SH	SMe
amino acid	H	OH	SH	SEt
amino acid	H	OH	SH	S-cyclopropyl
amino acid	H	OH	SH	F
amino acid	H	OH	SH	Cl
amino acid	H	OH	SH	Br
amino acid	H	OH	SH	I
amino acid	acyl	OH	SH	H
amino acid	acyl	OH	SH	NH ₂
amino acid	acyl	OH	SH	NH-cyclopropyl
amino acid	acyl	OH	SH	NH-methyl
amino acid	acyl	OH	SH	NH-ethyl
amino acid	acyl	OH	SH	NH-acetyl
amino acid	acyl	OH	SH	OH
amino acid	acyl	OH	SH	OMe
amino acid	acyl	OH	SH	OEt
amino acid	acyl	OH	SH	O-cyclopropyl
amino acid	acyl	OH	SH	O-acetyl
amino acid	acyl	OH	SH	SH
amino acid	acyl	OH	SH	SMe
amino acid	acyl	OH	SH	SEt
amino acid	acyl	OH	SH	S-cyclopropyl
amino acid	acyl	OH	SH	F
amino acid	acyl	OH	SH	Cl
amino acid	acyl	OH	SH	Br
amino acid	acyl	OH	SH	I
acyl	H	CH ₃	OH	H
acyl	H	CH ₃	OH	NH ₂
acyl	H	CH ₃	OH	NH-cyclopropyl
acyl	H	CH ₃	OH	NH-methyl
acyl	H	CH ₃	OH	NH-ethyl
acyl	H	CH ₃	OH	NH-acetyl
acyl	H	CH ₃	OH	OH
acyl	H	CH ₃	OH	OMe
acyl	H	CH ₃	OH	OEt
acyl	H	CH ₃	OH	O-cyclopropyl
acyl	H	CH ₃	OH	O-acetyl
acyl	H	CH ₃	OH	SH
acyl	H	CH ₃	OH	SMe
acyl	H	CH ₃	OH	SEt
acyl	H	CH ₃	OH	S-cyclopropyl
acyl	H	CH ₃	OH	F
acyl	H	CH ₃	OH	Cl
acyl	H	CH ₃	OH	Br
acyl	H	CH ₃	OH	I
acyl	acyl	CH ₃	OH	H
acyl	acyl	CH ₃	OH	NH ₂
acyl	acyl	CH ₃	OH	NH-cyclopropyl
acyl	acyl	CH ₃	OH	NH-methyl
acyl	acyl	CH ₃	OH	NH-ethyl
acyl	acyl	CH ₃	OH	NH-acetyl
acyl	acyl	CH ₃	OH	OH
acyl	acyl	CH ₃	OH	OMe
acyl	acyl	CH ₃	OH	OEt
acyl	acyl	CH ₃	OH	O-cyclopropyl
acyl	acyl	CH ₃	OH	O-acetyl
acyl	acyl	CH ₃	OH	SH
acyl	acyl	CH ₃	OH	SMe
acyl	acyl	CH ₃	OH	SEt
acyl	acyl	CH ₃	OH	S-cyclopropyl
acyl	acyl	CH ₃	OH	F
acyl	acyl	CH ₃	OH	Cl
acyl	acyl	CH ₃	OH	Br
acyl	acyl	CH ₃	OH	I
acyl	amino acid	CH ₃	OH	H
acyl	amino acid	CH ₃	OH	NH ₂

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TABLE 8-continued

R ₂	R ₃	X ¹	X ²	Y		
5	acyl	amino acid	CH ₃	OH	NH-cyclopropyl	
	acyl	amino acid	CH ₃	OH	NH-methyl	
	acyl	amino acid	CH ₃	OH	NH-ethyl	
	acyl	amino acid	CH ₃	OH	NH-acetyl	
	acyl	amino acid	CH ₃	OH	OH	
10	acyl	amino acid	CH ₃	OH	OMe	
	acyl	amino acid	CH ₃	OH	OEt	
	acyl	amino acid	CH ₃	OH	O-cyclopropyl	
	acyl	amino acid	CH ₃	OH	O-acetyl	
	acyl	amino acid	CH ₃	OH	SH	
	acyl	amino acid	CH ₃	OH	SMe	
	acyl	amino acid	CH ₃	OH	SEt	
	15	acyl	amino acid	CH ₃	OH	S-cyclopropyl
		acyl	amino acid	CH ₃	OH	F
		acyl	amino acid	CH ₃	OH	Cl
acyl		amino acid	CH ₃	OH	Br	
acyl		amino acid	CH ₃	OH	I	
20	H	acyl	CH ₃	OH	H	
	H	acyl	CH ₃	OH	NH ₂	
	H	acyl	CH ₃	OH	NH-cyclopropyl	
	H	acyl	CH ₃	OH	NH-methyl	
	H	acyl	CH ₃	OH	NH-ethyl	
	H	acyl	CH ₃	OH	NH-acetyl	
	H	acyl	CH ₃	OH	OH	
	25	H	acyl	CH ₃	OH	OMe
		H	acyl	CH ₃	OH	OEt
		H	acyl	CH ₃	OH	O-cyclopropyl
H		acyl	CH ₃	OH	O-acetyl	
H		acyl	CH ₃	OH	SH	
	H	acyl	CH ₃	OH	SMe	
	H	acyl	CH ₃	OH	SEt	
	30	H	acyl	CH ₃	OH	S-cyclopropyl
		H	acyl	CH ₃	OH	F
		H	acyl	CH ₃	OH	Cl
H		acyl	CH ₃	OH	Br	
H		acyl	CH ₃	OH	I	
	H	amino acid	CH ₃	OH	H	
	35	H	amino acid	CH ₃	OH	NH ₂
		H	amino acid	CH ₃	OH	NH-cyclopropyl
		H	amino acid	CH ₃	OH	NH-methyl
		H	amino acid	CH ₃	OH	NH-ethyl
H		amino acid	CH ₃	OH	NH-acetyl	
	H	amino acid	CH ₃	OH	OH	
	40	H	amino acid	CH ₃	OH	OMe
		H	amino acid	CH ₃	OH	OEt
		H	amino acid	CH ₃	OH	O-cyclopropyl
		H	amino acid	CH ₃	OH	O-acetyl
H		amino acid	CH ₃	OH	SH	
	H	amino acid	CH ₃	OH	SMe	
	45	H	amino acid	CH ₃	OH	SEt
		H	amino acid	CH ₃	OH	S-cyclopropyl
		H	amino acid	CH ₃	OH	F
		H	amino acid	CH ₃	OH	Cl
H		amino acid	CH ₃	OH	Br	
	H	amino acid	CH ₃	OH	I	
	amino acid	amino acid	CH ₃	OH	H	
	50	amino acid	amino acid	CH ₃	OH	NH ₂
		amino acid	amino acid	CH ₃	OH	NH-cyclopropyl
		amino acid	amino acid	CH ₃	OH	NH-methyl
amino acid		amino acid	CH ₃	OH	NH-ethyl	
amino acid		amino acid	CH ₃	OH	NH-acetyl	
	amino acid	amino acid	CH ₃	OH	OH	
	55	amino acid	amino acid	CH ₃	OH	OMe
		amino acid	amino acid	CH ₃	OH	OEt
		amino acid	amino acid	CH ₃	OH	O-cyclopropyl
		amino acid	amino acid	CH ₃	OH	O-acetyl
amino acid		amino acid	CH ₃	OH	SH	
	amino acid	amino acid	CH ₃	OH	SMe	
	60	amino acid	amino acid	CH ₃	OH	SEt
		amino acid	amino acid	CH ₃	OH	S-cyclopropyl
		amino acid	amino acid	CH ₃	OH	F
		amino acid	amino acid	CH ₃	OH	Cl
amino acid		amino acid	CH ₃	OH	Br	
	amino acid	amino acid	CH ₃	OH	I	
	amino acid	H	CH ₃	OH	H	
	65	amino acid	H	CH ₃	OH	NH ₂
		amino acid	H	CH ₃	OH	NH-cyclopropyl
		amino acid	H	CH ₃	OH	NH-cyclopropyl

TABLE 8-continued

R ₂	R ₃	X ¹	X ²	Y
amino acid	H	CH ₃	OH	NH-methyl
amino acid	H	CH ₃	OH	NH-ethyl
amino acid	H	CH ₃	OH	NH-acetyl
amino acid	H	CH ₃	OH	OH
amino acid	H	CH ₃	OH	OMe
amino acid	H	CH ₃	OH	OEt
amino acid	H	CH ₃	OH	O-cyclopropyl
amino acid	H	CH ₃	OH	O-acetyl
amino acid	H	CH ₃	OH	SH
amino acid	H	CH ₃	OH	SMe
amino acid	H	CH ₃	OH	SEt
amino acid	H	CH ₃	OH	S-cyclopropyl
amino acid	H	CH ₃	OH	F
amino acid	H	CH ₃	OH	Cl
amino acid	H	CH ₃	OH	Br
amino acid	H	CH ₃	OH	I
amino acid	H	CH ₃	OH	H
amino acid	acyl	CH ₃	OH	H
amino acid	acyl	CH ₃	OH	NH ₂
amino acid	acyl	CH ₃	OH	NH-cyclopropyl
amino acid	acyl	CH ₃	OH	NH-methyl
amino acid	acyl	CH ₃	OH	NH-ethyl
amino acid	acyl	CH ₃	OH	NH-acetyl
amino acid	acyl	CH ₃	OH	OH
amino acid	acyl	CH ₃	OH	OMe
amino acid	acyl	CH ₃	OH	OEt
amino acid	acyl	CH ₃	OH	O-cyclopropyl
amino acid	acyl	CH ₃	OH	O-acetyl
amino acid	acyl	CH ₃	OH	SH
amino acid	acyl	CH ₃	OH	SMe
amino acid	acyl	CH ₃	OH	SEt
amino acid	acyl	CH ₃	OH	S-cyclopropyl
amino acid	acyl	CH ₃	OH	F
amino acid	acyl	CH ₃	OH	Cl
amino acid	acyl	CH ₃	OH	Br
amino acid	acyl	CH ₃	OH	I
amino acid	acyl	CH ₃	OH	H
acyl	H	CF ₃	OH	H
acyl	H	CF ₃	OH	NH ₂
acyl	H	CF ₃	OH	NH-cyclopropyl
acyl	H	CF ₃	OH	NH-methyl
acyl	H	CF ₃	OH	NH-ethyl
acyl	H	CF ₃	OH	NH-acetyl
acyl	H	CF ₃	OH	OH
acyl	H	CF ₃	OH	OMe
acyl	H	CF ₃	OH	OEt
acyl	H	CF ₃	OH	O-cyclopropyl
acyl	H	CF ₃	OH	O-acetyl
acyl	H	CF ₃	OH	SH
acyl	H	CF ₃	OH	SMe
acyl	H	CF ₃	OH	SEt
acyl	H	CF ₃	OH	S-cyclopropyl
acyl	H	CF ₃	OH	F
acyl	H	CF ₃	OH	Cl
acyl	H	CF ₃	OH	Br
acyl	H	CF ₃	OH	I
acyl	H	CF ₃	OH	H
acyl	acyl	CF ₃	OH	H
acyl	acyl	CF ₃	OH	NH ₂
acyl	acyl	CF ₃	OH	NH-cyclopropyl
acyl	acyl	CF ₃	OH	NH-methyl
acyl	acyl	CF ₃	OH	NH-ethyl
acyl	acyl	CF ₃	OH	NH-acetyl
acyl	acyl	CF ₃	OH	OH
acyl	acyl	CF ₃	OH	OMe
acyl	acyl	CF ₃	OH	OEt
acyl	acyl	CF ₃	OH	O-cyclopropyl
acyl	acyl	CF ₃	OH	O-acetyl
acyl	acyl	CF ₃	OH	SH
acyl	acyl	CF ₃	OH	SMe
acyl	acyl	CF ₃	OH	SEt
acyl	acyl	CF ₃	OH	S-cyclopropyl
acyl	acyl	CF ₃	OH	F
acyl	acyl	CF ₃	OH	Cl
acyl	acyl	CF ₃	OH	Br
acyl	acyl	CF ₃	OH	I
acyl	acyl	CF ₃	OH	H
acyl	amino acid	CF ₃	OH	NH ₂
acyl	amino acid	CF ₃	OH	NH-cyclopropyl
acyl	amino acid	CF ₃	OH	NH-methyl

TABLE 8-continued

R ₂	R ₃	X ¹	X ²	Y	
5	acyl	amino acid	CF ₃	OH	NH-ethyl
	acyl	amino acid	CF ₃	OH	NH-acetyl
	acyl	amino acid	CF ₃	OH	OH
	acyl	amino acid	CF ₃	OH	OMe
	acyl	amino acid	CF ₃	OH	OEt
	acyl	amino acid	CF ₃	OH	O-cyclopropyl
10	acyl	amino acid	CF ₃	OH	O-acetyl
	acyl	amino acid	CF ₃	OH	SH
	acyl	amino acid	CF ₃	OH	SMe
	acyl	amino acid	CF ₃	OH	SEt
	acyl	amino acid	CF ₃	OH	S-cyclopropyl
	acyl	amino acid	CF ₃	OH	F
15	acyl	amino acid	CF ₃	OH	Cl
	acyl	amino acid	CF ₃	OH	Br
	acyl	amino acid	CF ₃	OH	I
	H	acyl	CF ₃	OH	H
	H	acyl	CF ₃	OH	NH ₂
	H	acyl	CF ₃	OH	NH-cyclopropyl
20	H	acyl	CF ₃	OH	NH-methyl
	H	acyl	CF ₃	OH	NH-ethyl
	H	acyl	CF ₃	OH	NH-acetyl
	H	acyl	CF ₃	OH	OH
	H	acyl	CF ₃	OH	OMe
	H	acyl	CF ₃	OH	OEt
25	H	acyl	CF ₃	OH	O-cyclopropyl
	H	acyl	CF ₃	OH	O-acetyl
	H	acyl	CF ₃	OH	SH
	H	acyl	CF ₃	OH	SMe
	H	acyl	CF ₃	OH	SEt
	H	acyl	CF ₃	OH	S-cyclopropyl
30	H	acyl	CF ₃	OH	F
	H	acyl	CF ₃	OH	Cl
	H	acyl	CF ₃	OH	Br
	H	acyl	CF ₃	OH	I
	H	amino acid	CF ₃	OH	H
	H	amino acid	CF ₃	OH	NH ₂
35	H	amino acid	CF ₃	OH	NH-cyclopropyl
	H	amino acid	CF ₃	OH	NH-methyl
	H	amino acid	CF ₃	OH	NH-ethyl
	H	amino acid	CF ₃	OH	NH-acetyl
	H	amino acid	CF ₃	OH	OH
	H	amino acid	CF ₃	OH	OMe
40	H	amino acid	CF ₃	OH	OEt
	H	amino acid	CF ₃	OH	O-cyclopropyl
	H	amino acid	CF ₃	OH	O-acetyl
	H	amino acid	CF ₃	OH	SH
	H	amino acid	CF ₃	OH	SMe
	H	amino acid	CF ₃	OH	SEt
45	H	amino acid	CF ₃	OH	S-cyclopropyl
	H	amino acid	CF ₃	OH	F
	H	amino acid	CF ₃	OH	Cl
	H	amino acid	CF ₃	OH	Br
	H	amino acid	CF ₃	OH	I
	amino acid	amino acid	CF ₃	OH	H
50	amino acid	amino acid	CF ₃	OH	NH ₂
	amino acid	amino acid	CF ₃	OH	NH-cyclopropyl
	amino acid	amino acid	CF ₃	OH	NH-methyl
	amino acid	amino acid	CF ₃	OH	NH-ethyl
	amino acid	amino acid	CF ₃	OH	NH-acetyl
	amino acid	amino acid	CF ₃	OH	OH
55	amino acid	amino acid	CF ₃	OH	OMe
	amino acid	amino acid	CF ₃	OH	OEt
	amino acid	amino acid	CF ₃	OH	O-cyclopropyl
	amino acid	amino acid	CF ₃	OH	O-acetyl
	amino acid	amino acid	CF ₃	OH	SH
	amino acid	amino acid	CF ₃	OH	SMe
60	amino acid	amino acid	CF ₃	OH	SEt
	amino acid	amino acid	CF ₃	OH	S-cyclopropyl
	amino acid	amino acid	CF ₃	OH	F
	amino acid	amino acid	CF ₃	OH	Cl
	amino acid	amino acid	CF ₃	OH	Br
	amino acid	amino acid	CF ₃	OH	I
65	amino acid	H	CF ₃	OH	H
	amino acid	H	CF ₃	OH	NH ₂
	amino acid	H	CF ₃	OH	NH-cyclopropyl
	amino acid	H	CF ₃	OH	NH-methyl
	amino acid	H	CF ₃	OH	NH-ethyl

TABLE 8-continued

R ₂	R ₃	X ¹	X ²	Y
amino acid	H	CF ₃	OH	NH-acetyl
amino acid	H	CF ₃	OH	OH
amino acid	H	CF ₃	OH	OMe
amino acid	H	CF ₃	OH	OEt
amino acid	H	CF ₃	OH	O-cyclopropyl
amino acid	H	CF ₃	OH	O-acetyl
amino acid	H	CF ₃	OH	SH
amino acid	H	CF ₃	OH	SMe
amino acid	H	CF ₃	OH	SEt
amino acid	H	CF ₃	OH	S-cyclopropyl
amino acid	H	CF ₃	OH	F
amino acid	H	CF ₃	OH	Cl
amino acid	H	CF ₃	OH	Br
amino acid	H	CF ₃	OH	I
amino acid	acyl	CF ₃	OH	H
amino acid	acyl	CF ₃	OH	NH ₂
amino acid	acyl	CF ₃	OH	NH-cyclopropyl
amino acid	acyl	CF ₃	OH	NH-methyl
amino acid	acyl	CF ₃	OH	NH-ethyl
amino acid	acyl	CF ₃	OH	NH-acetyl
amino acid	acyl	CF ₃	OH	OH
amino acid	acyl	CF ₃	OH	OMe
amino acid	acyl	CF ₃	OH	OEt
amino acid	acyl	CF ₃	OH	O-cyclopropyl
amino acid	acyl	CF ₃	OH	O-acetyl
amino acid	acyl	CF ₃	OH	SH
amino acid	acyl	CF ₃	OH	SMe
amino acid	acyl	CF ₃	OH	SEt
amino acid	acyl	CF ₃	OH	S-cyclopropyl
amino acid	acyl	CF ₃	OH	F
amino acid	acyl	CF ₃	OH	Cl
amino acid	acyl	CF ₃	OH	Br
amino acid	acyl	CF ₃	OH	I
acyl	H	Br	OH	H
acyl	H	Br	OH	NH ₂
acyl	H	Br	OH	NH-cyclopropyl
acyl	H	Br	OH	NH-methyl
acyl	H	Br	OH	NH-ethyl
acyl	H	Br	OH	NH-acetyl
acyl	H	Br	OH	OH
acyl	H	Br	OH	OMe
acyl	H	Br	OH	OEt
acyl	H	Br	OH	O-cyclopropyl
acyl	H	Br	OH	O-acetyl
acyl	H	Br	OH	SH
acyl	H	Br	OH	SMe
acyl	H	Br	OH	SEt
acyl	H	Br	OH	S-cyclopropyl
acyl	H	Br	OH	F
acyl	H	Br	OH	Cl
acyl	H	Br	OH	Br
acyl	H	Br	OH	I
acyl	acyl	Br	OH	H
acyl	acyl	Br	OH	NH ₂
acyl	acyl	Br	OH	NH-cyclopropyl
acyl	acyl	Br	OH	NH-methyl
acyl	acyl	Br	OH	NH-ethyl
acyl	acyl	Br	OH	NH-acetyl
acyl	acyl	Br	OH	OH
acyl	acyl	Br	OH	OMe
acyl	acyl	Br	OH	OEt
acyl	acyl	Br	OH	O-cyclopropyl
acyl	acyl	Br	OH	O-acetyl
acyl	acyl	Br	OH	SH
acyl	acyl	Br	OH	SMe
acyl	acyl	Br	OH	SEt
acyl	acyl	Br	OH	S-cyclopropyl
acyl	acyl	Br	OH	F
acyl	acyl	Br	OH	Cl
acyl	acyl	Br	OH	Br
acyl	acyl	Br	OH	I
acyl	amino acid	Br	OH	H
acyl	amino acid	Br	OH	NH ₂
acyl	amino acid	Br	OH	NH-cyclopropyl
acyl	amino acid	Br	OH	NH-methyl
acyl	amino acid	Br	OH	NH-ethyl
acyl	amino acid	Br	OH	NH-acetyl

TABLE 8-continued

R_2	R_3	X^1	X^2	Y
5	acyl	amino acid	Br	OH
	acyl	amino acid	Br	OH
	acyl	amino acid	Br	OH
	acyl	amino acid	Br	OH
	acyl	amino acid	Br	OH
	acyl	amino acid	Br	OH
10	acyl	amino acid	Br	OH
	acyl	amino acid	Br	OH
	acyl	amino acid	Br	OH
	acyl	amino acid	Br	OH
	acyl	amino acid	Br	OH
	acyl	amino acid	Br	OH
15	acyl	amino acid	Br	OH
	H	acyl	Br	OH
	H	acyl	Br	OH
	H	acyl	Br	OH
	H	acyl	Br	OH
	H	acyl	Br	OH
20	H	acyl	Br	OH
	H	acyl	Br	OH
	H	acyl	Br	OH
	H	acyl	Br	OH
	H	acyl	Br	OH
	H	acyl	Br	OH
	H	acyl	Br	OH
25	H	acyl	Br	OH
	H	acyl	Br	OH
	H	acyl	Br	OH
	H	acyl	Br	OH
	H	acyl	Br	OH
	H	acyl	Br	OH
30	H	acyl	Br	OH
	H	amino acid	Br	OH
	H	amino acid	Br	OH
	H	amino acid	Br	OH
	H	amino acid	Br	OH
35	H	amino acid	Br	OH
	H	amino acid	Br	OH
	H	amino acid	Br	OH
	H	amino acid	Br	OH
	H	amino acid	Br	OH
	H	amino acid	Br	OH
40	H	amino acid	Br	OH
	H	amino acid	Br	OH
	H	amino acid	Br	OH
	H	amino acid	Br	OH
	H	amino acid	Br	OH
	H	amino acid	Br	OH
45	H	amino acid	Br	OH
	amino acid	amino acid	Br	OH
	amino acid	amino acid	Br	OH
	amino acid	amino acid	Br	OH
	amino acid	amino acid	Br	OH
	amino acid	amino acid	Br	OH
50	amino acid	acyl	Br	OH
	amino acid	acyl	Br	OH
	amino acid	acyl	Br	OH
	amino acid	acyl	Br	OH
	amino acid	acyl	Br	OH
	acyl	H	Cl	OH
55	acyl	H	Cl	OH
	acyl	H	Cl	OH
	acyl	H	Cl	OH
	acyl	H	Cl	OH
	acyl	H	Cl	OH
	acyl	H	Cl	OH
60	acyl	H	Cl	OH
	acyl	H	Cl	OH
	acyl	H	Cl	OH
	acyl	H	Cl	OH
	acyl	H	Cl	OH
	acyl	H	Cl	OH
65	acyl	H	Cl	OH
	acyl	H	Cl	OH

TABLE 8-continued

R ₂	R ₃	X ¹	X ²	Y
acyl	H	Cl	OH	Cl
acyl	H	Cl	OH	Br
acyl	H	Cl	OH	I
acyl	acyl	Cl	OH	H
acyl	acyl	Cl	OH	NH ₂
acyl	acyl	Cl	OH	NH-cyclopropyl
acyl	acyl	Cl	OH	NH-methyl
acyl	acyl	Cl	OH	NH-ethyl
acyl	acyl	Cl	OH	NH-acetyl
acyl	acyl	Cl	OH	OH
acyl	acyl	Cl	OH	OMe
acyl	acyl	Cl	OH	OEt
acyl	acyl	Cl	OH	O-cyclopropyl
acyl	acyl	Cl	OH	O-acetyl
acyl	acyl	Cl	OH	SH
acyl	acyl	Cl	OH	SMe
acyl	acyl	Cl	OH	SEt
acyl	acyl	Cl	OH	S-cyclopropyl
acyl	acyl	Cl	OH	F
acyl	acyl	Cl	OH	Cl
acyl	acyl	Cl	OH	Br
acyl	acyl	Cl	OH	I
acyl	acyl	Cl	OH	H
acyl	amino acid	Cl	OH	H
acyl	amino acid	Cl	OH	NH ₂
acyl	amino acid	Cl	OH	NH-cyclopropyl
acyl	amino acid	Cl	OH	NH-methyl
amino acid	amino acid	Br	OH	NH-acetyl
amino acid	amino acid	Br	OH	OH
amino acid	amino acid	Br	OH	OMe
amino acid	amino acid	Br	OH	OEt
amino acid	amino acid	Br	OH	O-cyclopropyl
amino acid	amino acid	Br	OH	O-acetyl
amino acid	amino acid	Br	OH	SH
amino acid	amino acid	Br	OH	SMe
amino acid	amino acid	Br	OH	SEt
amino acid	amino acid	Br	OH	S-cyclopropyl
amino acid	amino acid	Br	OH	F
amino acid	amino acid	Br	OH	Cl
amino acid	amino acid	Br	OH	Br
amino acid	amino acid	Br	OH	I
amino acid	amino acid	Br	OH	H
amino acid	H	Br	OH	H
amino acid	H	Br	OH	NH ₂
amino acid	H	Br	OH	NH-cyclopropyl
amino acid	H	Br	OH	NH-methyl
amino acid	H	Br	OH	NH-ethyl
amino acid	H	Br	OH	NH-acetyl
amino acid	H	Br	OH	OH
amino acid	H	Br	OH	OMe
amino acid	H	Br	OH	OEt
amino acid	H	Br	OH	O-cyclopropyl
amino acid	H	Br	OH	O-acetyl
amino acid	H	Br	OH	SH
amino acid	H	Br	OH	SMe
amino acid	H	Br	OH	SEt
amino acid	H	Br	OH	S-cyclopropyl
amino acid	H	Br	OH	F
amino acid	H	Br	OH	Cl
amino acid	H	Br	OH	Br
amino acid	H	Br	OH	I
amino acid	H	Br	OH	H
amino acid	acyl	Br	OH	H
amino acid	acyl	Br	OH	NH ₂
amino acid	acyl	Br	OH	NH-cyclopropyl
amino acid	acyl	Br	OH	NH-methyl
amino acid	acyl	Br	OH	NH-ethyl
amino acid	acyl	Br	OH	NH-acetyl
amino acid	acyl	Br	OH	OH
amino acid	acyl	Br	OH	OMe
amino acid	acyl	Br	OH	OEt
amino acid	acyl	Br	OH	O-cyclopropyl
amino acid	acyl	Br	OH	O-acetyl
amino acid	acyl	Br	OH	SH
amino acid	acyl	Br	OH	SMe
amino acid	acyl	Br	OH	SEt
amino acid	acyl	Br	OH	S-cyclopropyl
amino acid	acyl	Br	OH	F
amino acid	acyl	Br	OH	Cl
amino acid	acyl	Br	OH	Br
amino acid	acyl	Br	OH	I
amino acid	acyl	Br	OH	H
amino acid	amino acid	Cl	OH	NH-ethyl
acyl	amino acid	Cl	OH	NH-acetyl
acyl	amino acid	Cl	OH	OH
acyl	amino acid	Cl	OH	OMe
acyl	amino acid	Cl	OH	OEt

TABLE 8-continued

R ₂	R ₃	X ¹	X ²	Y	
5	acyl	amino acid	Cl	OH	OEt
	acyl	amino acid	Cl	OH	O-cyclopropyl
	acyl	amino acid	Cl	OH	O-acetyl
	acyl	amino acid	Cl	OH	SH
	acyl	amino acid	Cl	OH	SMe
	acyl	amino acid	Cl	OH	SEt
10	acyl	amino acid	Cl	OH	S-cyclopropyl
	acyl	amino acid	Cl	OH	F
	acyl	amino acid	Cl	OH	Cl
	acyl	amino acid	Cl	OH	Br
	acyl	amino acid	Cl	OH	I
	H	acyl	Cl	OH	H
15	H	acyl	Cl	OH	NH ₂
	H	acyl	Cl	OH	NH-cyclopropyl
	H	acyl	Cl	OH	NH-methyl
	H	acyl	Cl	OH	NH-ethyl
	H	acyl	Cl	OH	NH-acetyl
	H	acyl	Cl	OH	OH
	H	acyl	Cl	OH	OMe
20	H	acyl	Cl	OH	OEt
	H	acyl	Cl	OH	O-cyclopropyl
	H	acyl	Cl	OH	O-acetyl
	H	acyl	Cl	OH	SH
	H	acyl	Cl	OH	SMe
	H	acyl	Cl	OH	SEt
25	H	acyl	Cl	OH	S-cyclopropyl
	H	acyl	Cl	OH	F
	H	acyl	Cl	OH	Cl
	H	acyl	Cl	OH	Br
	H	acyl	Cl	OH	I
	H	amino acid	Cl	OH	H
30	H	amino acid	Cl	OH	NH ₂
	H	amino acid	Cl	OH	NH-cyclopropyl
	H	amino acid	Cl	OH	NH-methyl
	H	amino acid	Cl	OH	NH-ethyl
	H	amino acid	Cl	OH	NH-acetyl
	H	amino acid	Cl	OH	OH
35	H	amino acid	Cl	OH	OMe
	H	amino acid	Cl	OH	OEt
	H	amino acid	Cl	OH	O-cyclopropyl
	H	amino acid	Cl	OH	O-acetyl
	H	amino acid	Cl	OH	SH
	H	amino acid	Cl	OH	SMe
	H	amino acid	Cl	OH	SEt
40	H	amino acid	Cl	OH	S-cyclopropyl
	H	amino acid	Cl	OH	F
	H	amino acid	Cl	OH	Cl
	H	amino acid	Cl	OH	Br
	H	amino acid	Cl	OH	I
	H	amino acid	Cl	OH	H
45	amino acid	amino acid	Cl	OH	NH ₂
	amino acid	amino acid	Cl	OH	NH-cyclopropyl
	amino acid	amino acid	Cl	OH	NH-methyl
	amino acid	amino acid	Cl	OH	NH-ethyl
	amino acid	amino acid	Cl	OH	NH-acetyl
	amino acid	amino acid	Cl	OH	OH
50	amino acid	amino acid	Cl	OH	OMe
	amino acid	amino acid	Cl	OH	OEt
	amino acid	amino acid	Cl	OH	O-cyclopropyl
	amino acid	amino acid	Cl	OH	O-acetyl
	amino acid	amino acid	Cl	OH	SH
	amino acid	amino acid	Cl	OH	SMe
55	amino acid	amino acid	Cl	OH	SEt
	amino acid	amino acid	Cl	OH	S-cyclopropyl
	amino acid	amino acid	Cl	OH	F
	amino acid	amino acid	Cl	OH	Cl
	amino acid	amino acid	Cl	OH	Br
	amino acid	amino acid	Cl	OH	I
	amino acid	H	Cl	OH	H
60	amino acid	H	Cl	OH	NH ₂
	amino acid	H	Cl	OH	NH-cyclopropyl
	amino acid	H	Cl	OH	NH-methyl
	amino acid	H	Cl	OH	NH-ethyl
	amino acid	H	Cl	OH	NH-acetyl
65	amino acid	H	Cl	OH	OH
	amino acid	H	Cl	OH	OMe
	amino acid	H	Cl	OH	OEt

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TABLE 8-continued

R ₂	R ₃	X ¹	X ²	Y
amino acid	H	Cl	OH	O-cyclopropyl
amino acid	H	Cl	OH	O-acetyl
amino acid	H	Cl	OH	SH
amino acid	H	Cl	OH	SMe
amino acid	H	Cl	OH	SEt
amino acid	H	Cl	OH	S-cyclopropyl
amino acid	H	Cl	OH	F
amino acid	H	Cl	OH	Cl
amino acid	H	Cl	OH	Br
amino acid	H	Cl	OH	I
amino acid	acyl	Cl	OH	H
amino acid	acyl	Cl	OH	NH ₂
amino acid	acyl	Cl	OH	NH-cyclopropyl
amino acid	acyl	Cl	OH	NH-methyl
amino acid	acyl	Cl	OH	NH-ethyl
amino acid	acyl	Cl	OH	NH-acetyl
amino acid	acyl	Cl	OH	OH
amino acid	acyl	Cl	OH	OMe
amino acid	acyl	Cl	OH	OEt
amino acid	acyl	Cl	OH	O-cyclopropyl
amino acid	acyl	Cl	OH	O-acetyl
amino acid	acyl	Cl	OH	SH
amino acid	acyl	Cl	OH	SMe
amino acid	acyl	Cl	OH	SEt
amino acid	acyl	Cl	OH	S-cyclopropyl
amino acid	acyl	Cl	OH	F
amino acid	acyl	Cl	OH	Cl
amino acid	acyl	Cl	OH	Br
amino acid	acyl	Cl	OH	I
acyl	H	F	OH	H
acyl	H	F	OH	NH ₂
acyl	H	F	OH	NH-cyclopropyl
acyl	H	F	OH	NH-methyl
acyl	H	F	OH	NH-ethyl
acyl	H	F	OH	NH-acetyl
acyl	H	F	OH	OH
acyl	H	F	OH	OMe
acyl	H	F	OH	OEt
acyl	H	F	OH	O-cyclopropyl
acyl	H	F	OH	O-acetyl
acyl	H	F	OH	SH
acyl	H	F	OH	SMe
acyl	H	F	OH	SEt
acyl	H	F	OH	S-cyclopropyl
acyl	H	F	OH	F
acyl	H	F	OH	Cl
acyl	H	F	OH	Br
acyl	H	F	OH	I
acyl	acyl	F	OH	H
acyl	acyl	F	OH	NH ₂
acyl	acyl	F	OH	NH-cyclopropyl
acyl	acyl	F	OH	NH-methyl
acyl	acyl	F	OH	NH-ethyl
acyl	acyl	F	OH	NH-acetyl
acyl	acyl	F	OH	OH
acyl	acyl	F	OH	OMe
acyl	acyl	F	OH	OEt
acyl	acyl	F	OH	O-cyclopropyl
acyl	acyl	F	OH	O-acetyl
acyl	acyl	F	OH	SH
acyl	acyl	F	OH	SMe
acyl	acyl	F	OH	SEt
acyl	acyl	F	OH	S-cyclopropyl
acyl	acyl	F	OH	F
acyl	acyl	F	OH	Cl
acyl	acyl	F	OH	Br
acyl	acyl	F	OH	I
acyl	amino acid	F	OH	H
acyl	amino acid	F	OH	NH ₂
acyl	amino acid	F	OH	NH-cyclopropyl
acyl	amino acid	F	OH	NH-methyl
acyl	amino acid	F	OH	NH-ethyl
acyl	amino acid	F	OH	NH-acetyl
acyl	amino acid	F	OH	OH
acyl	amino acid	F	OH	OMe
acyl	amino acid	F	OH	OEt
acyl	amino acid	F	OH	O-cyclopropyl

TABLE 8-continued

R_2	R_3	X^1	X^2	Y	
5	acyl	amino acid	F	OH	O-acetyl
	acyl	amino acid	F	OH	SH
	acyl	amino acid	F	OH	SMe
	acyl	amino acid	F	OH	SEt
	acyl	amino acid	F	OH	S-cyclopropyl
	acyl	amino acid	F	OH	F
10	acyl	amino acid	F	OH	Cl
	acyl	amino acid	F	OH	Br
	acyl	amino acid	F	OH	I
	H	acyl	F	OH	H
	H	acyl	F	OH	NH ₂
	H	acyl	F	OH	NH-cyclopropyl
15	H	acyl	F	OH	NH-methyl
	H	acyl	F	OH	NH-ethyl
	H	acyl	F	OH	NH-acetyl
	H	acyl	F	OH	OH
	H	acyl	F	OH	OMe
	H	acyl	F	OH	OEt
	H	acyl	F	OH	O-cyclopropyl
20	H	acyl	F	OH	O-acetyl
	H	acyl	F	OH	SH
	H	acyl	F	OH	SMe
	H	acyl	F	OH	SEt
	H	acyl	F	OH	S-cyclopropyl
	H	acyl	F	OH	F
25	H	acyl	F	OH	Cl
	H	acyl	F	OH	Br
	H	acyl	F	OH	I
	H	amino acid	F	OH	H
	H	amino acid	F	OH	NH ₂
	H	amino acid	F	OH	NH-cyclopropyl
30	H	amino acid	F	OH	NH-methyl
	H	amino acid	F	OH	NH-ethyl
	H	amino acid	F	OH	NH-acetyl
	H	amino acid	F	OH	OH
	H	amino acid	F	OH	OMe
	H	amino acid	F	OH	OEt
35	H	amino acid	F	OH	O-cyclopropyl
	H	amino acid	F	OH	O-acetyl
	H	amino acid	F	OH	SH
	H	amino acid	F	OH	SMe
	H	amino acid	F	OH	SEt
	H	amino acid	F	OH	S-cyclopropyl
40	H	amino acid	F	OH	F
	H	amino acid	F	OH	Cl
	H	amino acid	F	OH	Br
	H	amino acid	F	OH	I
	amino acid	amino acid	F	OH	H
	amino acid	amino acid	F	OH	NH ₂
45	amino acid	amino acid	F	OH	NH-cyclopropyl
	amino acid	amino acid	F	OH	NH-methyl
	amino acid	amino acid	F	OH	NH-ethyl
	amino acid	amino acid	F	OH	NH-acetyl
	amino acid	amino acid	F	OH	OH
	amino acid	amino acid	F	OH	OMe
	amino acid	amino acid	F	OH	OEt
50	amino acid	amino acid	F	OH	O-cyclopropyl
	amino acid	amino acid	F	OH	O-acetyl
	amino acid	amino acid	F	OH	SH
	amino acid	amino acid	F	OH	SMe
	amino acid	amino acid	F	OH	SEt
	amino acid	amino acid	F	OH	S-cyclopropyl
55	amino acid	amino acid	F	OH	F
	amino acid	amino acid	F	OH	Cl
	amino acid	amino acid	F	OH	Br
	amino acid	amino acid	F	OH	I
	amino acid	H	F	OH	H
	amino acid	H	F	OH	NH ₂
60	amino acid	H	F	OH	NH-cyclopropyl
	amino acid	H	F	OH	NH-methyl
	amino acid	H	F	OH	NH-ethyl
	amino acid	H	F	OH	NH-acetyl
	amino acid	H	F	OH	OH
	amino acid	H	F	OH	OMe
	amino acid	H	F	OH	OEt
65	amino acid	H	F	OH	O-cyclopropyl
	amino acid	H	F	OH	O-acetyl

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TABLE 8-continued

R ₂	R ₃	X ¹	X ²	Y
amino acid	H	F	OH	SH
amino acid	H	F	OH	SMe
amino acid	H	F	OH	SEt
amino acid	H	F	OH	S-cyclopropyl
amino acid	H	F	OH	F
amino acid	H	F	OH	Cl
amino acid	H	F	OH	Br
amino acid	H	F	OH	I
amino acid	acyl	F	OH	H
amino acid	acyl	F	OH	NH ₂
amino acid	acyl	F	OH	NH-cyclopropyl
amino acid	acyl	F	OH	NH-methyl
amino acid	acyl	F	OH	NH-ethyl
amino acid	acyl	F	OH	NH-acetyl
amino acid	acyl	F	OH	OH
amino acid	acyl	F	OH	OMe
amino acid	acyl	F	OH	OEt
amino acid	acyl	F	OH	O-cyclopropyl
amino acid	acyl	F	OH	O-acetyl
amino acid	acyl	F	OH	SH
amino acid	acyl	F	OH	SMe
amino acid	acyl	F	OH	SEt
amino acid	acyl	F	OH	S-cyclopropyl
amino acid	acyl	F	OH	F
amino acid	acyl	F	OH	Cl
amino acid	acyl	F	OH	Br
amino acid	acyl	F	OH	I
acyl	H	NH ₂	OH	H
acyl	H	NH ₂	OH	NH ₂
acyl	H	NH ₂	OH	NH-cyclopropyl
acyl	H	NH ₂	OH	NH-methyl
acyl	H	NH ₂	OH	NH-ethyl
acyl	H	NH ₂	OH	NH-acetyl
acyl	H	NH ₂	OH	OH
acyl	H	NH ₂	OH	OMe
acyl	H	NH ₂	OH	OEt
acyl	H	NH ₂	OH	O-cyclopropyl
acyl	H	NH ₂	OH	O-acetyl
acyl	H	NH ₂	OH	SH
acyl	H	NH ₂	OH	SMe
acyl	H	NH ₂	OH	SEt
acyl	H	NH ₂	OH	S-cyclopropyl
acyl	H	NH ₂	OH	F
acyl	H	NH ₂	OH	Cl
acyl	H	NH ₂	OH	Br
acyl	H	NH ₂	OH	I
acyl	acyl	NH ₂	OH	H
acyl	acyl	NH ₂	OH	NH ₂
acyl	acyl	NH ₂	OH	NH-cyclopropyl
acyl	acyl	NH ₂	OH	NH-methyl
acyl	acyl	NH ₂	OH	NH-ethyl
acyl	acyl	NH ₂	OH	NH-acetyl
acyl	acyl	NH ₂	OH	OH
acyl	acyl	NH ₂	OH	OMe
acyl	acyl	NH ₂	OH	OEt
acyl	acyl	NH ₂	OH	O-cyclopropyl
acyl	acyl	NH ₂	OH	O-acetyl
acyl	acyl	NH ₂	OH	SH
acyl	acyl	NH ₂	OH	SMe
acyl	acyl	NH ₂	OH	SEt
acyl	acyl	NH ₂	OH	S-cyclopropyl
acyl	acyl	NH ₂	OH	F
acyl	acyl	NH ₂	OH	Cl
acyl	acyl	NH ₂	OH	Br
acyl	acyl	NH ₂	OH	I
acyl	amino acid	NH ₂	OH	H
acyl	amino acid	NH ₂	OH	NH ₂
acyl	amino acid	NH ₂	OH	NH-cyclopropyl
acyl	amino acid	NH ₂	OH	NH-methyl
acyl	amino acid	NH ₂	OH	NH-ethyl
acyl	amino acid	NH ₂	OH	NH-acetyl
acyl	amino acid	NH ₂	OH	OH
acyl	amino acid	NH ₂	OH	OMe
acyl	amino acid	NH ₂	OH	OEt
acyl	amino acid	NH ₂	OH	O-cyclopropyl
acyl	amino acid	NH ₂	OH	O-acetyl
acyl	amino acid	NH ₂	OH	SH
acyl	amino acid	NH ₂	OH	SMe
acyl	amino acid	NH ₂	OH	SEt
acyl	amino acid	NH ₂	OH	S-cyclopropyl
acyl	amino acid	NH ₂	OH	F
acyl	amino acid	NH ₂	OH	Cl
acyl	amino acid	NH ₂	OH	Br
acyl	amino acid	NH ₂	OH	I
acyl	amino acid	NH ₂	OH	H
acyl	amino acid	NH ₂	OH	NH ₂
acyl	amino acid	NH ₂	OH	NH-cyclopropyl
acyl	amino acid	NH ₂	OH	NH-methyl
acyl	amino acid	NH ₂	OH	NH-ethyl
acyl	amino acid	NH ₂	OH	NH-acetyl
acyl	amino acid	NH ₂	OH	OH
acyl	amino acid	NH ₂	OH	OMe
acyl	amino acid	NH ₂	OH	OEt
acyl	amino acid	NH ₂	OH	O-cyclopropyl
acyl	amino acid	NH ₂	OH	O-acetyl
acyl	amino acid	NH ₂	OH	SH
acyl	amino acid	NH ₂	OH	SMe

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TABLE 8-continued

R ₂	R ₃	X ¹	X ²	Y	
5	acyl	amino acid	NH ₂	OH	SMe
	acyl	amino acid	NH ₂	OH	SEt
	acyl	amino acid	NH ₂	OH	S-cyclopropyl
	acyl	amino acid	NH ₂	OH	F
	acyl	amino acid	NH ₂	OH	Cl
	acyl	amino acid	NH ₂	OH	Br
10	acyl	amino acid	NH ₂	OH	I
	H	acyl	NH ₂	OH	H
	H	acyl	NH ₂	OH	NH ₂
	H	acyl	NH ₂	OH	NH-cyclopropyl
	H	acyl	NH ₂	OH	NH-methyl
	H	acyl	NH ₂	OH	NH-ethyl
15	H	acyl	NH ₂	OH	NH-acetyl
	H	acyl	NH ₂	OH	OH
	H	acyl	NH ₂	OH	OMe
	H	acyl	NH ₂	OH	OEt
	H	acyl	NH ₂	OH	O-cyclopropyl
	H	acyl	NH ₂	OH	O-acetyl
	H	acyl	NH ₂	OH	SH
20	H	acyl	NH ₂	OH	SMe
	H	acyl	NH ₂	OH	SEt
	H	acyl	NH ₂	OH	S-cyclopropyl
	H	acyl	NH ₂	OH	F
	H	acyl	NH ₂	OH	Cl
	H	acyl	NH ₂	OH	Br
25	H	acyl	NH ₂	OH	I
	H	amino acid	NH ₂	OH	H
	H	amino acid	NH ₂	OH	NH ₂
	H	amino acid	NH ₂	OH	NH-cyclopropyl
	H	amino acid	NH ₂	OH	NH-methyl
	H	amino acid	NH ₂	OH	NH-ethyl
30	H	amino acid	NH ₂	OH	NH-acetyl
	H	amino acid	NH ₂	OH	OH
	H	amino acid	NH ₂	OH	OMe
	H	amino acid	NH ₂	OH	OEt
	H	amino acid	NH ₂	OH	O-cyclopropyl
	H	amino acid	NH ₂	OH	O-acetyl
35	H	amino acid	NH ₂	OH	SH
	H	amino acid	NH ₂	OH	SMe
	H	amino acid	NH ₂	OH	SEt
	H	amino acid	NH ₂	OH	S-cyclopropyl
	H	amino acid	NH ₂	OH	F
	H	amino acid	NH ₂	OH	Cl
	H	amino acid	NH ₂	OH	Br
40	H	amino acid	NH ₂	OH	I
	amino acid	amino acid	NH ₂	OH	H
	amino acid	amino acid	NH ₂	OH	NH ₂
	amino acid	amino acid	NH ₂	OH	NH-cyclopropyl
	amino acid	amino acid	NH ₂	OH	NH-methyl
	amino acid	amino acid	NH ₂	OH	NH-ethyl
45	amino acid	amino acid	NH ₂	OH	NH-acetyl
	amino acid	amino acid	NH ₂	OH	OH
	amino acid	amino acid	NH ₂	OH	OMe
	amino acid	amino acid	NH ₂	OH	OEt
	amino acid	amino acid	NH ₂	OH	O-cyclopropyl
	amino acid	amino acid	NH ₂	OH	O-acetyl
50	amino acid	amino acid	NH ₂	OH	SH
	amino acid	amino acid	NH ₂	OH	SMe
	amino acid	amino acid	NH ₂	OH	SEt
	amino acid	amino acid	NH ₂	OH	S-cyclopropyl
	amino acid	amino acid	NH ₂	OH	F
	amino acid	amino acid	NH ₂	OH	Cl
55	amino acid	amino acid	NH ₂	OH	Br
	amino acid	amino acid	NH ₂	OH	I
	amino acid	H	NH ₂	OH	H
	amino acid	H	NH ₂	OH	NH ₂
	amino acid	H	NH ₂	OH	NH-cyclopropyl
	amino acid	H	NH ₂	OH	NH-methyl
	amino acid	H	NH ₂	OH	NH-ethyl
60	amino acid	H	NH ₂	OH	NH-acetyl
	amino acid	H	NH ₂	OH	OH
	amino acid	H	NH ₂	OH	OMe
	amino acid	H	NH ₂	OH	OEt
	amino acid	H	NH ₂	OH	O-cyclopropyl
	amino acid	H	NH ₂	OH	O-acetyl
65	amino acid	H	NH ₂	OH	SH
	amino acid	H	NH ₂	OH	SMe

TABLE 8-continued

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TABLE 8-continued

R ₂	R ₃	X ¹	X ²	Y
amino acid	H	SH	OH	F
amino acid	H	SH	OH	Cl
amino acid	H	SH	OH	Br
amino acid	H	SH	OH	I
amino acid	acyl	SH	OH	H
amino acid	acyl	SH	OH	NH ₂
amino acid	acyl	SH	OH	NH-cyclopropyl
amino acid	acyl	SH	OH	NH-methyl
amino acid	acyl	SH	OH	NH-ethyl
amino acid	acyl	SH	OH	NH-acetyl
amino acid	acyl	SH	OH	OH
amino acid	acyl	SH	OH	OMe
amino acid	acyl	SH	OH	OEt
amino acid	acyl	SH	OH	O-cyclopropyl
amino acid	acyl	SH	OH	O-acetyl
amino acid	acyl	SH	OH	SH
amino acid	acyl	SH	OH	SMe
amino acid	acyl	SH	OH	SEt
amino acid	acyl	SH	OH	S-cyclopropyl
amino acid	acyl	SH	OH	F
amino acid	acyl	SH	OH	Cl
amino acid	acyl	SH	OH	Br
amino acid	acyl	SH	OH	I
acyl	H	OH	OH	NH ₂
acyl	H	OH	OH	NH-cyclopropyl
acyl	H	OH	OH	NH-methyl
acyl	H	OH	OH	NH-ethyl
acyl	H	OH	OH	NH-acetyl
acyl	H	OH	OH	OH
acyl	H	OH	OH	OMe
acyl	H	OH	OH	OEt
acyl	H	OH	OH	O-cyclopropyl
acyl	H	OH	OH	O-acetyl
acyl	H	OH	OH	SH
acyl	H	OH	OH	SMe
acyl	H	OH	OH	SEt
acyl	H	OH	OH	S-cyclopropyl
acyl	H	OH	OH	F
acyl	H	OH	OH	Cl
acyl	H	OH	OH	Br
acyl	H	OH	OH	I
acyl	acyl	OH	OH	H
acyl	acyl	OH	OH	NH ₂
acyl	acyl	OH	OH	NH-cyclopropyl
acyl	acyl	OH	OH	NH-methyl
acyl	acyl	OH	OH	NH-ethyl
acyl	acyl	OH	OH	NH-acetyl
acyl	acyl	OH	OH	OH
acyl	acyl	OH	OH	OMe
acyl	acyl	OH	OH	OEt
acyl	acyl	OH	OH	O-cyclopropyl
acyl	acyl	OH	OH	O-acetyl
acyl	acyl	OH	OH	SH
acyl	acyl	OH	OH	SMe
acyl	acyl	OH	OH	SEt
acyl	acyl	OH	OH	S-cyclopropyl
acyl	acyl	OH	OH	F
acyl	acyl	OH	OH	Cl
acyl	acyl	OH	OH	Br
acyl	acyl	OH	OH	I
acyl	amino acid	OH	OH	H
acyl	amino acid	OH	OH	NH ₂
acyl	amino acid	OH	OH	NH-cyclopropyl
acyl	amino acid	OH	OH	NH-methyl
acyl	amino acid	OH	OH	NH-ethyl
acyl	amino acid	OH	OH	NH-acetyl
acyl	amino acid	OH	OH	OH
acyl	amino acid	OH	OH	OMe
acyl	amino acid	OH	OH	OEt
acyl	amino acid	OH	OH	O-cyclopropyl
acyl	amino acid	OH	OH	O-acetyl
acyl	amino acid	OH	OH	SH
acyl	amino acid	OH	OH	SMe
acyl	amino acid	OH	OH	SEt
acyl	amino acid	OH	OH	S-cyclopropyl
acyl	amino acid	OH	OH	F
acyl	amino acid	OH	OH	Cl
acyl	amino acid	OH	OH	Br
acyl	amino acid	OH	OH	I
acyl	amino acid	OH	OH	H
acyl	amino acid	OH	OH	NH ₂
acyl	amino acid	OH	OH	NH-cyclopropyl
acyl	amino acid	OH	OH	NH-methyl
acyl	amino acid	OH	OH	NH-ethyl
acyl	amino acid	OH	OH	NH-acetyl
acyl	amino acid	OH	OH	OH
acyl	amino acid	OH	OH	OMe
acyl	amino acid	OH	OH	OEt
acyl	amino acid	OH	OH	O-cyclopropyl
acyl	amino acid	OH	OH	O-acetyl
acyl	amino acid	OH	OH	SH
acyl	amino acid	OH	OH	SMe
acyl	amino acid	OH	OH	SEt
acyl	amino acid	OH	OH	S-cyclopropyl
acyl	amino acid	OH	OH	F
acyl	amino acid	OH	OH	Cl

TABLE 8-continued

R ₂	R ₃	X ¹	X ²	Y	
5	acyl	amino acid	OH	OH	Cl
	acyl	amino acid	OH	OH	Br
	acyl	amino acid	OH	OH	I
	H	acyl	OH	OH	H
	H	acyl	OH	OH	NH ₂
10	H	acyl	OH	OH	NH-cyclopropyl
	H	acyl	OH	OH	NH-methyl
	H	acyl	OH	OH	NH-ethyl
	H	acyl	OH	OH	NH-acetyl
	H	acyl	OH	OH	OH
	H	acyl	OH	OH	OMe
	H	acyl	OH	OH	OEt
15	H	acyl	OH	OH	O-cyclopropyl
	H	acyl	OH	OH	O-acetyl
	H	acyl	OH	OH	SH
	H	acyl	OH	OH	SMe
	H	acyl	OH	OH	SEt
20	H	acyl	OH	OH	S-cyclopropyl
	H	acyl	OH	OH	F
	H	acyl	OH	OH	Cl
	H	acyl	OH	OH	Br
	H	acyl	OH	OH	I
	H	amino acid	OH	OH	H
	H	amino acid	OH	OH	NH ₂
25	H	amino acid	OH	OH	NH-cyclopropyl
	H	amino acid	OH	OH	NH-methyl
	H	amino acid	OH	OH	NH-ethyl
	H	amino acid	OH	OH	NH-acetyl
	H	amino acid	OH	OH	OH
	H	amino acid	OH	OH	OMe
	H	amino acid	OH	OH	OEt
30	H	amino acid	OH	OH	O-cyclopropyl
	H	amino acid	OH	OH	O-acetyl
	H	amino acid	OH	OH	SH
	H	amino acid	OH	OH	SMe
	H	amino acid	OH	OH	SEt
	H	amino acid	OH	OH	S-cyclopropyl
	H	amino acid	OH	OH	F
35	H	amino acid	OH	OH	Cl
	H	amino acid	OH	OH	Br
	H	amino acid	OH	OH	I
	amino acid	amino acid	OH	OH	H
	amino acid	amino acid	OH	OH	NH ₂
40	amino acid	amino acid	OH	OH	NH-cyclopropyl
	amino acid	amino acid	OH	OH	NH-methyl
	amino acid	amino acid	OH	OH	NH-ethyl
	amino acid	amino acid	OH	OH	NH-acetyl
	amino acid	amino acid	OH	OH	OH
	amino acid	amino acid	OH	OH	OMe
	amino acid	amino acid	OH	OH	OEt
45	amino acid	amino acid	OH	OH	O-cyclopropyl
	amino acid	amino acid	OH	OH	O-acetyl
	amino acid	amino acid	OH	OH	SH
	amino acid	amino acid	OH	OH	SMe
	amino acid	amino acid	OH	OH	SEt
50	amino acid	amino acid	OH	OH	S-cyclopropyl
	amino acid	amino acid	OH	OH	F
	amino acid	amino acid	OH	OH	Cl
	amino acid	amino acid	OH	OH	Br
	amino acid	amino acid	OH	OH	I
	amino acid	H	OH	OH	H
	amino acid	H	OH	OH	NH ₂
55	amino acid	H	OH	OH	NH-cyclopropyl
	amino acid	H	OH	OH	NH-methyl
	amino acid	H	OH	OH	NH-ethyl
	amino acid	H	OH	OH	NH-acetyl
	amino acid	H	OH	OH	OH
	amino acid	H	OH	OH	OMe
	amino acid	H	OH	OH	OEt
60	amino acid	H	OH	OH	O-cyclopropyl
	amino acid	H	OH	OH	O-acetyl
	amino acid	H	OH	OH	SH
	amino acid	H	OH	OH	SMe
	amino acid	H	OH	OH	SEt
65	amino acid	H	OH	OH	S-cyclopropyl
	amino acid	H	OH	OH	F
	amino acid	H	OH	OH	Cl

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TABLE 8-continued

R ₂	R ₃	X ¹	X ²	Y
amino acid	H	OH	OH	Br
amino acid	H	OH	OH	I
amino acid	acyl	OH	OH	H
amino acid	acyl	OH	OH	NH ₂
amino acid	acyl	OH	OH	NH-cyclopropyl
amino acid	acyl	OH	OH	NH-methyl
amino acid	acyl	OH	OH	NH-ethyl
amino acid	acyl	OH	OH	NH-acetyl
amino acid	acyl	OH	OH	OH
amino acid	acyl	OH	OH	OMe
amino acid	acyl	OH	OH	OEt
amino acid	acyl	OH	OH	O-cyclopropyl
amino acid	acyl	OH	OH	O-acetyl
amino acid	acyl	OH	OH	SH
amino acid	acyl	OH	OH	SMe
amino acid	acyl	OH	OH	SEt
amino acid	acyl	OH	OH	S-cyclopropyl
amino acid	acyl	OH	OH	F
amino acid	acyl	OH	OH	Cl
amino acid	acyl	OH	OH	Br
amino acid	acyl	OH	OH	I
acyl	H	CH ₃	H	H
acyl	H	CH ₃	H	NH ₂
acyl	H	CH ₃	H	NH-cyclopropyl
acyl	H	CH ₃	H	NH-methyl
acyl	H	CH ₃	H	NH-ethyl
acyl	H	CH ₃	H	NH-acetyl
acyl	H	CH ₃	H	OH
acyl	H	CH ₃	H	OMe
acyl	H	CH ₃	H	OEt
acyl	H	CH ₃	H	O-cyclopropyl
acyl	H	CH ₃	H	O-acetyl
acyl	H	CH ₃	H	SH
acyl	H	CH ₃	H	SMe
acyl	H	CH ₃	H	SEt
acyl	H	CH ₃	H	S-cyclopropyl
acyl	H	CH ₃	H	F
acyl	H	CH ₃	H	Cl
acyl	H	CH ₃	H	Br
acyl	H	CH ₃	H	I
acyl	acyl	CH ₃	H	H
acyl	acyl	CH ₃	H	NH ₂
acyl	acyl	CH ₃	H	NH-cyclopropyl
acyl	acyl	CH ₃	H	NH-methyl
acyl	acyl	CH ₃	H	NH-ethyl
acyl	acyl	CH ₃	H	NH-acetyl
acyl	acyl	CH ₃	H	OH
acyl	acyl	CH ₃	H	OMe
acyl	acyl	CH ₃	H	OEt
acyl	acyl	CH ₃	H	O-cyclopropyl
acyl	acyl	CH ₃	H	O-acetyl
acyl	acyl	CH ₃	H	SH
acyl	acyl	CH ₃	H	SMe
acyl	acyl	CH ₃	H	SEt
acyl	acyl	CH ₃	H	S-cyclopropyl
acyl	acyl	CH ₃	H	F
acyl	acyl	CH ₃	H	Cl
acyl	acyl	CH ₃	H	Br
acyl	acyl	CH ₃	H	I
acyl	amino acid	CH ₃	H	H
acyl	amino acid	CH ₃	H	NH ₂
acyl	amino acid	CH ₃	H	NH-cyclopropyl
acyl	amino acid	CH ₃	H	NH-methyl
acyl	amino acid	CH ₃	H	NH-ethyl
acyl	amino acid	CH ₃	H	NH-acetyl
acyl	amino acid	CH ₃	H	OH
acyl	amino acid	CH ₃	H	OMe
acyl	amino acid	CH ₃	H	OEt
acyl	amino acid	CH ₃	H	O-cyclopropyl
acyl	amino acid	CH ₃	H	O-acetyl
acyl	amino acid	CH ₃	H	SH
acyl	amino acid	CH ₃	H	SMe
acyl	amino acid	CH ₃	H	SEt
acyl	amino acid	CH ₃	H	S-cyclopropyl
acyl	amino acid	CH ₃	H	F
acyl	amino acid	CH ₃	H	Cl
acyl	amino acid	CH ₃	H	Br
acyl	amino acid	CH ₃	H	I

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TABLE 8-continued

R_2	R_3	X^1	X^2	Y
5	acyl	amino acid	CH ₃	H
	H	acyl	CH ₃	H
	H	acyl	CH ₃	H
	H	acyl	CH ₃	NH ₂
	H	acyl	CH ₃	NH-cyclopropyl
	H	acyl	CH ₃	NH-methyl
	H	acyl	CH ₃	NH-ethyl
10	H	acyl	CH ₃	NH-acetyl
	H	acyl	CH ₃	H
	H	acyl	CH ₃	OH
	H	acyl	CH ₃	OMe
	H	acyl	CH ₃	OEt
	H	acyl	CH ₃	O-cyclopropyl
	H	acyl	CH ₃	O-acetyl
15	H	acyl	CH ₃	H
	H	acyl	CH ₃	SH
	H	acyl	CH ₃	SMe
	H	acyl	CH ₃	SEt
	H	acyl	CH ₃	S-cyclopropyl
	H	acyl	CH ₃	F
	H	acyl	CH ₃	Cl
20	H	acyl	CH ₃	Br
	H	acyl	CH ₃	I
	H	amino acid	CH ₃	H
	H	amino acid	CH ₃	NH ₂
	H	amino acid	CH ₃	NH-cyclopropyl
	H	amino acid	CH ₃	NH-methyl
	H	amino acid	CH ₃	NH-ethyl
25	H	amino acid	CH ₃	NH-acetyl
	H	amino acid	CH ₃	H
	H	amino acid	CH ₃	OH
	H	amino acid	CH ₃	OMe
	H	amino acid	CH ₃	OEt
	H	amino acid	CH ₃	O-cyclopropyl
	H	amino acid	CH ₃	O-acetyl
30	H	amino acid	CH ₃	H
	H	amino acid	CH ₃	SH
	H	amino acid	CH ₃	SMe
	H	amino acid	CH ₃	SEt
	H	amino acid	CH ₃	S-cyclopropyl
	H	amino acid	CH ₃	F
	H	amino acid	CH ₃	Cl
35	H	amino acid	CH ₃	Br
	H	amino acid	CH ₃	I
	amino acid	amino acid	CH ₃	H
	amino acid	amino acid	CH ₃	NH ₂
	amino acid	amino acid	CH ₃	NH-cyclopropyl
	amino acid	amino acid	CH ₃	NH-methyl
40	amino acid	amino acid	CH ₃	NH-ethyl
	amino acid	amino acid	CH ₃	NH-acetyl
	amino acid	amino acid	CH ₃	H
	amino acid	amino acid	CH ₃	OH
	amino acid	amino acid	CH ₃	OMe
	amino acid	amino acid	CH ₃	OEt
	amino acid	amino acid	CH ₃	O-cyclopropyl
	amino acid	amino acid	CH ₃	O-acetyl
45	amino acid	amino acid	CH ₃	H
	amino acid	amino acid	CH ₃	SH
	amino acid	amino acid	CH ₃	SMe
	amino acid	amino acid	CH ₃	SEt
	amino acid	amino acid	CH ₃	S-cyclopropyl
	amino acid	amino acid	CH ₃	F
	amino acid	amino acid	CH ₃	Cl
50	amino acid	amino acid	CH ₃	Br
	amino acid	amino acid	CH ₃	I
	amino acid	H	CH ₃	H
	amino acid	H	CH ₃	NH ₂
	amino acid	H	CH ₃	NH-cyclopropyl
	amino acid	H	CH ₃	NH-methyl
55	amino acid	H	CH ₃	NH-ethyl
	amino acid	H	CH ₃	NH-acetyl
	amino acid	H	CH ₃	H
	amino acid	H	CH ₃	OH
	amino acid	H	CH ₃	OMe
	amino acid	H	CH ₃	OEt
	amino acid	H	CH ₃	O-cyclopropyl
	amino acid	H	CH ₃	O-acetyl
60	amino acid	H	CH ₃	H
	amino acid	H	CH ₃	SH
	amino acid	H	CH ₃	SMe
	amino acid	H	CH ₃	SEt
	amino acid	H	CH ₃	S-cyclopropyl
	amino acid	H	CH ₃	F
	amino acid	H	CH ₃	Cl
65	amino acid	H	CH ₃	Br
	amino acid	H	CH ₃	I

TABLE 8-continued

R ₂	R ₃	X ¹	X ²	Y
amino acid	acyl	CH ₃	H	H
amino acid	acyl	CH ₃	H	NH ₂
amino acid	acyl	CH ₃	H	NH-cyclopropyl
amino acid	acyl	CH ₃	H	NH-methyl
amino acid	acyl	CH ₃	H	NH-ethyl
amino acid	acyl	CH ₃	H	NH-acetyl
amino acid	acyl	CH ₃	H	OH
amino acid	acyl	CH ₃	H	OMe
amino acid	acyl	CH ₃	H	OEt
amino acid	acyl	CH ₃	H	O-cyclopropyl
amino acid	acyl	CH ₃	H	O-acetyl
amino acid	acyl	CH ₃	H	SH
amino acid	acyl	CH ₃	H	SMe
amino acid	acyl	CH ₃	H	SEt
amino acid	acyl	CH ₃	H	S-cyclopropyl
amino acid	acyl	CH ₃	H	F
amino acid	acyl	CH ₃	H	Cl
amino acid	acyl	CH ₃	H	Br
amino acid	acyl	CH ₃	H	I
acyl	H	CF ₃	H	H
acyl	H	CF ₃	H	NH ₂
acyl	H	CF ₃	H	NH-cyclopropyl
acyl	H	CF ₃	H	NH-methyl
acyl	H	CF ₃	H	NH-ethyl
acyl	H	CF ₃	H	NH-acetyl
acyl	H	CF ₃	H	OH
acyl	H	CF ₃	H	OMe
acyl	H	CF ₃	H	OEt
acyl	H	CF ₃	H	O-cyclopropyl
acyl	H	CF ₃	H	O-acetyl
acyl	H	CF ₃	H	SH
acyl	H	CF ₃	H	SMe
acyl	H	CF ₃	H	SEt
acyl	H	CF ₃	H	S-cyclopropyl
acyl	H	CF ₃	H	F
acyl	H	CF ₃	H	Cl
acyl	H	CF ₃	H	Br
acyl	H	CF ₃	H	I
acyl	acyl	CF ₃	H	H
acyl	acyl	CF ₃	H	NH ₂
acyl	acyl	CF ₃	H	NH-cyclopropyl
acyl	acyl	CF ₃	H	NH-methyl
acyl	acyl	CF ₃	H	NH-ethyl
acyl	acyl	CF ₃	H	NH-acetyl
acyl	acyl	CF ₃	H	OH
acyl	acyl	CF ₃	H	OMe
acyl	acyl	CF ₃	H	OEt
acyl	acyl	CF ₃	H	O-cyclopropyl
acyl	acyl	CF ₃	H	O-acetyl
acyl	acyl	CF ₃	H	SH
acyl	acyl	CF ₃	H	SMe
acyl	acyl	CF ₃	H	SEt
acyl	acyl	CF ₃	H	S-cyclopropyl
acyl	acyl	CF ₃	H	F
acyl	acyl	CF ₃	H	Cl
acyl	acyl	CF ₃	H	Br
acyl	acyl	CF ₃	H	I
acyl	amino acid	CF ₃	H	H
acyl	amino acid	CF ₃	H	NH ₂
acyl	amino acid	CF ₃	H	NH-cyclopropyl
acyl	amino acid	CF ₃	H	NH-methyl
acyl	amino acid	CF ₃	H	NH-ethyl
acyl	amino acid	CF ₃	H	NH-acetyl
acyl	amino acid	CF ₃	H	OH
acyl	amino acid	CF ₃	H	OMe
acyl	amino acid	CF ₃	H	OEt
acyl	amino acid	CF ₃	H	O-cyclopropyl
acyl	amino acid	CF ₃	H	O-acetyl
acyl	amino acid	CF ₃	H	SH
acyl	amino acid	CF ₃	H	SMe
acyl	amino acid	CF ₃	H	SEt
acyl	amino acid	CF ₃	H	S-cyclopropyl
acyl	amino acid	CF ₃	H	F
acyl	amino acid	CF ₃	H	Cl
acyl	amino acid	CF ₃	H	Br
acyl	amino acid	CF ₃	H	I
H	acyl	CF ₃	H	H

TABLE 8-continued

	R ₂	R ₃	X ¹	X ²	Y
5	H	acyl	CF ₃	H	NH ₂
	H	acyl	CF ₃	H	NH-cyclopropyl
	H	acyl	CF ₃	H	NH-methyl
	H	acyl	CF ₃	H	NH-ethyl
	H	acyl	CF ₃	H	NH-acetyl
	H	acyl	CF ₃	H	OH
10	H	acyl	CF ₃	H	OMe
	H	acyl	CF ₃	H	OEt
	H	acyl	CF ₃	H	O-cyclopropyl
	H	acyl	CF ₃	H	O-acetyl
	H	acyl	CF ₃	H	SH
	H	acyl	CF ₃	H	SMe
	H	acyl	CF ₃	H	SEt
15	H	acyl	CF ₃	H	S-cyclopropyl
	H	acyl	CF ₃	H	F
	H	acyl	CF ₃	H	Cl
	H	acyl	CF ₃	H	Br
	H	acyl	CF ₃	H	I
	H	amino acid	CF ₃	H	H
20	H	amino acid	CF ₃	H	NH ₂
	H	amino acid	CF ₃	H	NH-cyclopropyl
	H	amino acid	CF ₃	H	NH-methyl
	H	amino acid	CF ₃	H	NH-ethyl
	H	amino acid	CF ₃	H	NH-acetyl
	H	amino acid	CF ₃	H	OH
25	H	amino acid	CF ₃	H	OMe
	H	amino acid	CF ₃	H	OEt
	H	amino acid	CF ₃	H	O-cyclopropyl
	H	amino acid	CF ₃	H	O-acetyl
	H	amino acid	CF ₃	H	SH
	H	amino acid	CF ₃	H	SMe
	H	amino acid	CF ₃	H	SEt
30	H	amino acid	CF ₃	H	S-cyclopropyl
	H	amino acid	CF ₃	H	F
	H	amino acid	CF ₃	H	Cl
	H	amino acid	CF ₃	H	Br
	H	amino acid	CF ₃	H	I
	H	amino acid	CF ₃	H	H
35	amino acid	amino acid	CF ₃	H	NH ₂
	amino acid	amino acid	CF ₃	H	NH-cyclopropyl
	amino acid	amino acid	CF ₃	H	NH-methyl
	amino acid	amino acid	CF ₃	H	NH-ethyl
	amino acid	amino acid	CF ₃	H	NH-acetyl
	amino acid	amino acid	CF ₃	H	OH
40	amino acid	amino acid	CF ₃	H	OMe
	amino acid	amino acid	CF ₃	H	OEt
	amino acid	amino acid	CF ₃	H	O-cyclopropyl
	amino acid	amino acid	CF ₃	H	O-acetyl
	amino acid	amino acid	CF ₃	H	SH
	amino acid	amino acid	CF ₃	H	SMe
45	amino acid	amino acid	CF ₃	H	SEt
	amino acid	amino acid	CF ₃	H	S-cyclopropyl
	amino acid	amino acid	CF ₃	H	F
	amino acid	amino acid	CF ₃	H	Cl
	amino acid	amino acid	CF ₃	H	Br
	amino acid	amino acid	CF ₃	H	I
	amino acid	H	CF ₃	H	H
50	amino acid	H	CF ₃	H	NH ₂
	amino acid	H	CF ₃	H	NH-cyclopropyl
	amino acid	H	CF ₃	H	NH-methyl
	amino acid	H	CF ₃	H	NH-ethyl
	amino acid	H	CF ₃	H	NH-acetyl
	amino acid	H	CF ₃	H	OH
55	amino acid	H	CF ₃	H	OMe
	amino acid	H	CF ₃	H	OEt
	amino acid	H	CF ₃	H	O-cyclopropyl
	amino acid	H	CF ₃	H	O-acetyl
	amino acid	H	CF ₃	H	SH
	amino acid	H	CF ₃	H	SMe
	amino acid	H	CF ₃	H	SEt
	amino acid	H	CF ₃	H	S-cyclopropyl
	amino acid	H	CF ₃	H	F
	amino acid	H	CF ₃	H	Cl
	amino acid	H	CF ₃	H	Br
	amino acid	H	CF ₃	H	I
60	amino acid	acyl	CF ₃	H	H
	amino acid	acyl	CF ₃	H	NH ₂

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TABLE 8-continued

R ₂	R ₃	X ¹	X ²	Y
amino acid	acyl	CF ₃	H	NH-cyclopropyl
amino acid	acyl	CF ₃	H	NH-methyl
amino acid	acyl	CF ₃	H	NH-ethyl
amino acid	acyl	CF ₃	H	NH-acetyl
amino acid	acyl	CF ₃	H	OH
amino acid	acyl	CF ₃	H	OMe
amino acid	acyl	CF ₃	H	OEt
amino acid	acyl	CF ₃	H	O-cyclopropyl
amino acid	acyl	CF ₃	H	O-acetyl
amino acid	acyl	CF ₃	H	SH
amino acid	acyl	CF ₃	H	SMe
amino acid	acyl	CF ₃	H	SEt
amino acid	acyl	CF ₃	H	S-cyclopropyl
amino acid	acyl	CF ₃	H	F
amino acid	acyl	CF ₃	H	Cl
amino acid	acyl	CF ₃	H	Br
amino acid	acyl	CF ₃	H	I
acyl	H	Br	H	H
acyl	H	Br	H	NH ₂
acyl	H	Br	H	NH-cyclopropyl
acyl	H	Br	H	NH-methyl
acyl	H	Br	H	NH-ethyl
acyl	H	Br	H	NH-acetyl
acyl	H	Br	H	OH
acyl	H	Br	H	OMe
acyl	H	Br	H	OEt
acyl	H	Br	H	O-cyclopropyl
acyl	H	Br	H	O-acetyl
acyl	H	Br	H	SH
acyl	H	Br	H	SMe
acyl	H	Br	H	SEt
acyl	H	Br	H	S-cyclopropyl
acyl	H	Br	H	F
acyl	H	Br	H	Cl
acyl	H	Br	H	Br
acyl	H	Br	H	I
acyl	acyl	Br	H	H
acyl	acyl	Br	H	NH ₂
acyl	acyl	Br	H	NH-cyclopropyl
acyl	acyl	Br	H	NH-methyl
acyl	acyl	Br	H	NH-ethyl
acyl	acyl	Br	H	NH-acetyl
acyl	acyl	Br	H	OH
acyl	acyl	Br	H	OMe
acyl	acyl	Br	H	OEt
acyl	acyl	Br	H	O-cyclopropyl
acyl	acyl	Br	H	O-acetyl
acyl	acyl	Br	H	SH
acyl	acyl	Br	H	SMe
acyl	acyl	Br	H	SEt
acyl	acyl	Br	H	S-cyclopropyl
acyl	acyl	Br	H	F
acyl	acyl	Br	H	Cl
acyl	acyl	Br	H	Br
acyl	acyl	Br	H	I
acyl	amino acid	Br	H	H
acyl	amino acid	Br	H	NH ₂
acyl	amino acid	Br	H	NH-cyclopropyl
acyl	amino acid	Br	H	NH-methyl
acyl	amino acid	Br	H	NH-ethyl
acyl	amino acid	Br	H	NH-acetyl
acyl	amino acid	Br	H	OH
acyl	amino acid	Br	H	OMe
acyl	amino acid	Br	H	OEt
acyl	amino acid	Br	H	O-cyclopropyl
acyl	amino acid	Br	H	O-acetyl
acyl	amino acid	Br	H	SH
acyl	amino acid	Br	H	SMe
acyl	amino acid	Br	H	SEt
acyl	amino acid	Br	H	S-cyclopropyl
acyl	amino acid	Br	H	F
acyl	amino acid	Br	H	Cl
acyl	amino acid	Br	H	Br
acyl	amino acid	Br	H	I
H	acyl	Br	H	H
H	acyl	Br	H	NH ₂
H	acyl	Br	H	NH-cyclopropyl

TABLE 8-continued

	R ₂	R ₃	X ¹	X ²	Y
5	H	acyl	Br	H	NH-methyl
	H	acyl	Br	H	NH-ethyl
	H	acyl	Br	H	NH-acetyl
	H	acyl	Br	H	OH
	H	acyl	Br	H	OMe
	H	acyl	Br	H	OEt
10	H	acyl	Br	H	O-cyclopropyl
	H	acyl	Br	H	O-acetyl
	H	acyl	Br	H	SH
	H	acyl	Br	H	SMe
	H	acyl	Br	H	SEt
	H	acyl	Br	H	S-cyclopropyl
15	H	acyl	Br	H	F
	H	acyl	Br	H	Cl
	H	acyl	Br	H	Br
	H	acyl	Br	H	I
	H	amino acid	Br	H	H
	H	amino acid	Br	H	NH ₂
20	H	amino acid	Br	H	NH-cyclopropyl
	H	amino acid	Br	H	NH-methyl
	H	amino acid	Br	H	NH-ethyl
	H	amino acid	Br	H	NH-acetyl
	H	amino acid	Br	H	OH
	H	amino acid	Br	H	OMe
	H	amino acid	Br	H	OEt
25	H	amino acid	Br	H	O-cyclopropyl
	H	amino acid	Br	H	O-acetyl
	H	amino acid	Br	H	SH
	H	amino acid	Br	H	SMe
	H	amino acid	Br	H	SEt
	H	amino acid	Br	H	S-cyclopropyl
30	H	amino acid	Br	H	F
	H	amino acid	Br	H	Cl
	H	amino acid	Br	H	Br
	H	amino acid	Br	H	I
	amino acid	amino acid	Br	H	H
	amino acid	amino acid	Br	H	NH ₂
35	amino acid	amino acid	Br	H	NH-cyclopropyl
	amino acid	amino acid	Br	H	NH-methyl
	amino acid	amino acid	Br	H	NH-ethyl
	amino acid	amino acid	Br	H	NH-acetyl
	amino acid	amino acid	Br	H	OH
	amino acid	amino acid	Br	H	OMe
	amino acid	amino acid	Br	H	OEt
40	amino acid	amino acid	Br	H	O-cyclopropyl
	amino acid	amino acid	Br	H	O-acetyl
	amino acid	amino acid	Br	H	SH
	amino acid	amino acid	Br	H	SMe
	amino acid	amino acid	Br	H	SEt
	amino acid	amino acid	Br	H	S-cyclopropyl
45	amino acid	amino acid	Br	H	F
	amino acid	amino acid	Br	H	Cl
	amino acid	amino acid	Br	H	Br
	amino acid	amino acid	Br	H	I
	amino acid	H	Br	H	H
	amino acid	H	Br	H	NH ₂
50	amino acid	H	Br	H	NH-cyclopropyl
	amino acid	H	Br	H	NH-methyl
	amino acid	H	Br	H	NH-ethyl
	amino acid	H	Br	H	NH-acetyl
	amino acid	H	Br	H	OH
	amino acid	H	Br	H	OMe
	amino acid	H	Br	H	OEt
	amino acid	H	Br	H	O-cyclopropyl
	amino acid	H	Br	H	O-acetyl
	amino acid	H	Br	H	SH
	amino acid	H	Br	H	SMe
	amino acid	H	Br	H	SEt
	amino acid	H	Br	H	S-cyclopropyl
55	amino acid	H	Br	H	F
	amino acid	H	Br	H	Cl
	amino acid	H	Br	H	Br
	amino acid	H	Br	H	I
	amino acid	acyl	Br	H	H
	amino acid	acyl	Br	H	NH ₂
65	amino acid	acyl	Br	H	NH-cyclopropyl
	amino acid	acyl	Br	H	NH-methyl

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TABLE 8-continued

R ₂	R ₃	X ¹	X ²	Y
amino acid	acyl	Br	H	NH-ethyl
amino acid	acyl	Br	H	NH-acetyl
amino acid	acyl	Br	H	OH
amino acid	acyl	Br	H	OMe
amino acid	acyl	Br	H	OEt
amino acid	acyl	Br	H	O-cyclopropyl
amino acid	acyl	Br	H	O-acetyl
amino acid	acyl	Br	H	SH
amino acid	acyl	Br	H	SMe
amino acid	acyl	Br	H	SEt
amino acid	acyl	Br	H	S-cyclopropyl
amino acid	acyl	Br	H	F
amino acid	acyl	Br	H	Cl
amino acid	acyl	Br	H	Br
amino acid	acyl	Br	H	I
acyl	H	Cl	H	H
acyl	H	Cl	H	NH ₂
acyl	H	Cl	H	NH-cyclopropyl
acyl	H	Cl	H	NH-methyl
acyl	H	Cl	H	NH-ethyl
acyl	H	Cl	H	NH-acetyl
acyl	H	Cl	H	OH
acyl	H	Cl	H	OMe
acyl	H	Cl	H	OEt
acyl	H	Cl	H	O-cyclopropyl
acyl	H	Cl	H	O-acetyl
acyl	H	Cl	H	SH
acyl	H	Cl	H	SMe
acyl	H	Cl	H	SEt
acyl	H	Cl	H	S-cyclopropyl
acyl	H	Cl	H	F
acyl	H	Cl	H	Cl
acyl	H	Cl	H	Br
acyl	H	Cl	H	I
acyl	acyl	Cl	H	H
acyl	acyl	Cl	H	NH ₂
acyl	acyl	Cl	H	NH-cyclopropyl
acyl	acyl	Cl	H	NH-methyl
acyl	acyl	Cl	H	NH-ethyl
acyl	acyl	Cl	H	NH-acetyl
acyl	acyl	Cl	H	OH
acyl	acyl	Cl	H	OMe
acyl	acyl	Cl	H	OEt
acyl	acyl	Cl	H	O-cyclopropyl
acyl	acyl	Cl	H	O-acetyl
acyl	acyl	Cl	H	SH
acyl	acyl	Cl	H	SMe
acyl	acyl	Cl	H	SEt
acyl	acyl	Cl	H	S-cyclopropyl
acyl	acyl	Cl	H	F
acyl	acyl	Cl	H	Cl
acyl	acyl	Cl	H	Br
acyl	acyl	Cl	H	I
acyl	amino acid	Cl	H	H
acyl	amino acid	Cl	H	NH ₂
acyl	amino acid	Cl	H	NH-cyclopropyl
acyl	amino acid	Cl	H	NH-methyl
acyl	amino acid	Cl	H	NH-ethyl
acyl	amino acid	Cl	H	NH-acetyl
acyl	amino acid	Cl	H	OH
acyl	amino acid	Cl	H	OMe
acyl	amino acid	Cl	H	OEt
acyl	amino acid	Cl	H	O-cyclopropyl
acyl	amino acid	Cl	H	O-acetyl
acyl	amino acid	Cl	H	SH
acyl	amino acid	Cl	H	SMe
acyl	amino acid	Cl	H	SEt
acyl	amino acid	Cl	H	S-cyclopropyl
acyl	amino acid	Cl	H	F
acyl	amino acid	Cl	H	Cl
acyl	amino acid	Cl	H	Br
acyl	amino acid	Cl	H	I
H	acyl	Cl	H	H
H	acyl	Cl	H	NH ₂
H	acyl	Cl	H	NH-cyclopropyl
H	acyl	Cl	H	NH-methyl
H	acyl	Cl	H	NH-ethyl

TABLE 8-continued

	R ₂	R ₃	X ¹	X ²	Y
5	H	acyl	Cl	H	NH-acetyl
	H	acyl	Cl	H	OH
	H	acyl	Cl	H	OMe
	H	acyl	Cl	H	OEt
	H	acyl	Cl	H	O-cyclopropyl
	H	acyl	Cl	H	O-acetyl
10	H	acyl	Cl	H	SH
	H	acyl	Cl	H	SMe
	H	acyl	Cl	H	SEt
	H	acyl	Cl	H	S-cyclopropyl
	H	acyl	Cl	H	F
	H	acyl	Cl	H	Cl
15	H	acyl	Cl	H	Br
	H	acyl	Cl	H	I
	H	amino acid	Cl	H	H
	H	amino acid	Cl	H	NH ₂
	H	amino acid	Cl	H	NH-cyclopropyl
	H	amino acid	Cl	H	NH-methyl
20	H	amino acid	Cl	H	NH-ethyl
	H	amino acid	Cl	H	NH-acetyl
	H	amino acid	Cl	H	OH
	H	amino acid	Cl	H	OMe
	H	amino acid	Cl	H	OEt
	H	amino acid	Cl	H	O-cyclopropyl
	H	amino acid	Cl	H	O-acetyl
25	H	amino acid	Cl	H	SH
	H	amino acid	Cl	H	SMe
	H	amino acid	Cl	H	SEt
	H	amino acid	Cl	H	S-cyclopropyl
	H	amino acid	Cl	H	F
	H	amino acid	Cl	H	Cl
30	H	amino acid	Cl	H	Br
	H	amino acid	Cl	H	I
	amino acid	amino acid	Cl	H	H
	amino acid	amino acid	Cl	H	NH ₂
	amino acid	amino acid	Cl	H	NH-cyclopropyl
	amino acid	amino acid	Cl	H	NH-methyl
35	amino acid	amino acid	Cl	H	NH-ethyl
	amino acid	amino acid	Cl	H	NH-acetyl
	amino acid	amino acid	Cl	H	OH
	amino acid	amino acid	Cl	H	OMe
	amino acid	amino acid	Cl	H	OEt
	amino acid	amino acid	Cl	H	O-cyclopropyl
40	amino acid	amino acid	Cl	H	O-acetyl
	amino acid	amino acid	Cl	H	SH
	amino acid	amino acid	Cl	H	SMe
	amino acid	amino acid	Cl	H	SEt
	amino acid	amino acid	Cl	H	S-cyclopropyl
	amino acid	amino acid	Cl	H	F
	amino acid	amino acid	Cl	H	Cl
45	amino acid	amino acid	Cl	H	Br
	amino acid	amino acid	Cl	H	I
	amino acid	H	Cl	H	H
	amino acid	H	Cl	H	NH ₂
	amino acid	H	Cl	H	NH-cyclopropyl
	amino acid	H	Cl	H	NH-methyl
50	amino acid	H	Cl	H	NH-ethyl
	amino acid	H	Cl	H	NH-acetyl
	amino acid	H	Cl	H	OH
	amino acid	H	Cl	H	OMe
	amino acid	H	Cl	H	OEt
	amino acid	H	Cl	H	O-cyclopropyl
55	amino acid	H	Cl	H	O-acetyl
	amino acid	H	Cl	H	SH
	amino acid	H	Cl	H	SMe
	amino acid	H	Cl	H	SEt
	amino acid	H	Cl	H	S-cyclopropyl
	amino acid	H	Cl	H	F
	amino acid	H	Cl	H	Cl
60	amino acid	H	Cl	H	Br
	amino acid	H	Cl	H	I
	amino acid	acyl	Cl	H	H
	amino acid	acyl	Cl	H	NH ₂
	amino acid	acyl	Cl	H	NH-cyclopropyl
	amino acid	acyl	Cl	H	NH-methyl
65	amino acid	acyl	Cl	H	NH-ethyl
	amino acid	acyl	Cl	H	NH-acetyl

TABLE 8-continued

R ₂	R ₃	X ¹	X ²	Y
amino acid	acyl	Cl	H	OH
amino acid	acyl	Cl	H	OMe
amino acid	acyl	Cl	H	OEt
amino acid	acyl	Cl	H	O-cyclopropyl
amino acid	acyl	Cl	H	O-acetyl
amino acid	acyl	Cl	H	SH
amino acid	acyl	Cl	H	SMe
amino acid	acyl	Cl	H	SEt
amino acid	acyl	Cl	H	S-cyclopropyl
amino acid	acyl	Cl	H	F
amino acid	acyl	Cl	H	Cl
amino acid	acyl	Cl	H	Br
amino acid	acyl	Cl	H	I
acyl	H	F	H	H
acyl	H	F	H	NH ₂
acyl	H	F	H	NH-cyclopropyl
acyl	H	F	H	NH-methyl
acyl	H	F	H	NH-ethyl
acyl	H	F	H	NH-acetyl
acyl	H	F	H	OH
acyl	H	F	H	OMe
acyl	H	F	H	OEt
acyl	H	F	H	O-cyclopropyl
acyl	H	F	H	O-acetyl
acyl	H	F	H	SH
acyl	H	F	H	SMe
acyl	H	F	H	SEt
acyl	H	F	H	S-cyclopropyl
acyl	H	F	H	F
acyl	H	F	H	Cl
acyl	H	F	H	Br
acyl	H	F	H	I
acyl	acyl	F	H	H
acyl	acyl	F	H	NH ₂
acyl	acyl	F	H	NH-cyclopropyl
acyl	acyl	F	H	NH-methyl
acyl	acyl	F	H	NH-ethyl
acyl	acyl	F	H	NH-acetyl
acyl	acyl	F	H	OH
acyl	acyl	F	H	OMe
acyl	acyl	F	H	OEt
acyl	acyl	F	H	O-cyclopropyl
acyl	acyl	F	H	O-acetyl
acyl	acyl	F	H	SH
acyl	acyl	F	H	SMe
acyl	acyl	F	H	SEt
acyl	acyl	F	H	S-cyclopropyl
acyl	acyl	F	H	F
acyl	acyl	F	H	Cl
acyl	acyl	F	H	Br
acyl	acyl	F	H	I
acyl	amino acid	F	H	H
acyl	amino acid	F	H	NH ₂
acyl	amino acid	F	H	NH-cyclopropyl
acyl	amino acid	F	H	NH-methyl
acyl	amino acid	F	H	NH-ethyl
acyl	amino acid	F	H	NH-acetyl
acyl	amino acid	F	H	OH
acyl	amino acid	F	H	OMe
acyl	amino acid	F	H	OEt
acyl	amino acid	F	H	O-cyclopropyl
acyl	amino acid	F	H	O-acetyl
acyl	amino acid	F	H	SH
acyl	amino acid	F	H	SMe
acyl	amino acid	F	H	SEt
acyl	amino acid	F	H	S-cyclopropyl
acyl	amino acid	F	H	F
acyl	amino acid	F	H	Cl
acyl	amino acid	F	H	Br
acyl	amino acid	F	H	I
H	acyl	F	H	H
H	acyl	F	H	NH ₂
H	acyl	F	H	NH-cyclopropyl
H	acyl	F	H	NH-methyl
H	acyl	F	H	NH-ethyl
H	acyl	F	H	NH-acetyl
H	acyl	F	H	OH

TABLE 8-continued

	R ₂	R ₃	X ¹	X ²	Y
5	H	acyl	F	H	OMe
	H	acyl	F	H	OEt
	H	acyl	F	H	O-cyclopropyl
	H	acyl	F	H	O-acetyl
	H	acyl	F	H	SH
	H	acyl	F	H	SMe
10	H	acyl	F	H	SEt
	H	acyl	F	H	S-cyclopropyl
	H	acyl	F	H	F
	H	acyl	F	H	Cl
	H	acyl	F	H	Br
	H	acyl	F	H	I
15	H	amino acid	F	H	H
	H	amino acid	F	H	NH ₂
	H	amino acid	F	H	NH-cyclopropyl
	H	amino acid	F	H	NH-methyl
	H	amino acid	F	H	NH-ethyl
	H	amino acid	F	H	NH-acetyl
20	H	amino acid	F	H	OH
	H	amino acid	F	H	OMe
	H	amino acid	F	H	OEt
	H	amino acid	F	H	O-cyclopropyl
	H	amino acid	F	H	O-acetyl
	H	amino acid	F	H	SH
	H	amino acid	F	H	SMe
25	H	amino acid	F	H	SEt
	H	amino acid	F	H	S-cyclopropyl
	H	amino acid	F	H	F
	H	amino acid	F	H	Cl
	H	amino acid	F	H	Br
	H	amino acid	F	H	I
30	amino acid	amino acid	F	H	H
	amino acid	amino acid	F	H	NH ₂
	amino acid	amino acid	F	H	NH-cyclopropyl
	amino acid	amino acid	F	H	NH-methyl
	amino acid	amino acid	F	H	NH-ethyl
	amino acid	amino acid	F	H	NH-acetyl
35	amino acid	amino acid	F	H	OH
	amino acid	amino acid	F	H	OMe
	amino acid	amino acid	F	H	OEt
	amino acid	amino acid	F	H	O-cyclopropyl
	amino acid	amino acid	F	H	O-acetyl
	amino acid	amino acid	F	H	SH
40	amino acid	amino acid	F	H	SMe
	amino acid	amino acid	F	H	SEt
	amino acid	amino acid	F	H	S-cyclopropyl
	amino acid	amino acid	F	H	F
	amino acid	amino acid	F	H	Cl
	amino acid	amino acid	F	H	Br
	amino acid	amino acid	F	H	I
45	amino acid	H	F	H	H
	amino acid	H	F	H	NH ₂
	amino acid	H	F	H	NH-cyclopropyl
	amino acid	H	F	H	NH-methyl
	amino acid	H	F	H	NH-ethyl
	amino acid	H	F	H	NH-acetyl
50	amino acid	H	F	H	OH
	amino acid	H	F	H	OMe
	amino acid	H	F	H	OEt
	amino acid	H	F	H	O-cyclopropyl
	amino acid	H	F	H	O-acetyl
	amino acid	H	F	H	SH
55	amino acid	H	F	H	SMe
	amino acid	H	F	H	SEt
	amino acid	H	F	H	S-cyclopropyl
	amino acid	H	F	H	F
	amino acid	H	F	H	Cl
	amino acid	H	F	H	Br
	amino acid	H	F	H	I
60	amino acid	H	F	H	H
	amino acid	acyl	F	H	NH ₂
	amino acid	acyl	F	H	NH-cyclopropyl
	amino acid	acyl	F	H	NH-methyl
	amino acid	acyl	F	H	NH-ethyl
	amino acid	acyl	F	H	NH-acetyl
65	amino acid	acyl	F	H	OH
	amino acid	acyl	F	H	OMe

TABLE 8-continued

R ₂	R ₃	X ¹	X ²	Y
amino acid	acyl	F	H	OEt
amino acid	acyl	F	H	O-cyclopropyl
amino acid	acyl	F	H	O-acetyl
amino acid	acyl	F	H	SH
amino acid	acyl	F	H	SMe
amino acid	acyl	F	H	SEt
amino acid	acyl	F	H	S-cyclopropyl
amino acid	acyl	F	H	F
amino acid	acyl	F	H	Cl
amino acid	acyl	F	H	Br
amino acid	acyl	F	H	I
acyl	H	NH ₂	H	H
acyl	H	NH ₂	H	NH ₂
acyl	H	NH ₂	H	NH-cyclopropyl
acyl	H	NH ₂	H	NH-methyl
acyl	H	NH ₂	H	NH-ethyl
acyl	H	NH ₂	H	NH-acetyl
acyl	H	NH ₂	H	OH
acyl	H	NH ₂	H	OMe
acyl	H	NH ₂	H	OEt
acyl	H	NH ₂	H	O-cyclopropyl
acyl	H	NH ₂	H	O-acetyl
acyl	H	NH ₂	H	SH
acyl	H	NH ₂	H	SMe
acyl	H	NH ₂	H	SEt
acyl	H	NH ₂	H	S-cyclopropyl
acyl	H	NH ₂	H	F
acyl	H	NH ₂	H	Cl
acyl	H	NH ₂	H	Br
acyl	H	NH ₂	H	I
acyl	acyl	NH ₂	H	H
acyl	acyl	NH ₂	H	NH ₂
acyl	acyl	NH ₂	H	NH-cyclopropyl
acyl	acyl	NH ₂	H	NH-methyl
acyl	acyl	NH ₂	H	NH-ethyl
acyl	acyl	NH ₂	H	NH-acetyl
acyl	acyl	NH ₂	H	OH
acyl	acyl	NH ₂	H	OMe
acyl	acyl	NH ₂	H	OEt
acyl	acyl	NH ₂	H	O-cyclopropyl
acyl	acyl	NH ₂	H	O-acetyl
acyl	acyl	NH ₂	H	SH
acyl	acyl	NH ₂	H	SMe
acyl	acyl	NH ₂	H	SEt
acyl	acyl	NH ₂	H	S-cyclopropyl
acyl	acyl	NH ₂	H	F
acyl	acyl	NH ₂	H	Cl
acyl	acyl	NH ₂	H	Br
acyl	acyl	NH ₂	H	I
acyl	amino acid	NH ₂	H	H
acyl	amino acid	NH ₂	H	NH ₂
acyl	amino acid	NH ₂	H	NH-cyclopropyl
acyl	amino acid	NH ₂	H	NH-methyl
acyl	amino acid	NH ₂	H	NH-ethyl
acyl	amino acid	NH ₂	H	NH-acetyl
acyl	amino acid	NH ₂	H	OH
acyl	amino acid	NH ₂	H	OMe
acyl	amino acid	NH ₂	H	OEt
acyl	amino acid	NH ₂	H	O-cyclopropyl
acyl	amino acid	NH ₂	H	O-acetyl
acyl	amino acid	NH ₂	H	SH
acyl	amino acid	NH ₂	H	SMe
acyl	amino acid	NH ₂	H	SEt
acyl	amino acid	NH ₂	H	S-cyclopropyl
acyl	amino acid	NH ₂	H	F
acyl	amino acid	NH ₂	H	Cl
acyl	amino acid	NH ₂	H	Br
acyl	amino acid	NH ₂	H	I
H	acyl	NH ₂	H	H
H	acyl	NH ₂	H	NH ₂
H	acyl	NH ₂	H	NH-cyclopropyl
H	acyl	NH ₂	H	NH-methyl
H	acyl	NH ₂	H	NH-ethyl
H	acyl	NH ₂	H	NH-acetyl
H	acyl	NH ₂	H	OH
H	acyl	NH ₂	H	OMe
H	acyl	NH ₂	H	OEt
H	acyl	NH ₂	H	O-cyclopropyl
H	acyl	NH ₂	H	O-acetyl
H	acyl	NH ₂	H	SH
H	acyl	NH ₂	H	SMe
H	acyl	NH ₂	H	SEt
H	acyl	NH ₂	H	S-cyclopropyl
H	acyl	NH ₂	H	F
H	acyl	NH ₂	H	Cl
H	acyl	NH ₂	H	Br
H	acyl	NH ₂	H	I

TABLE 8-continued

R ₂	R ₃	X ¹	X ²	Y	
5	H	acyl	NH ₂	H	O-cyclopropyl
	H	acyl	NH ₂	H	O-acetyl
	H	acyl	NH ₂	H	SH
	H	acyl	NH ₂	H	SMe
	H	acyl	NH ₂	H	SEt
10	H	acyl	NH ₂	H	S-cyclopropyl
	H	acyl	NH ₂	H	F
	H	acyl	NH ₂	H	Cl
	H	acyl	NH ₂	H	Br
	H	acyl	NH ₂	H	I
15	H	amino acid	NH ₂	H	H
	H	amino acid	NH ₂	H	NH ₂
	H	amino acid	NH ₂	H	NH-cyclopropyl
	H	amino acid	NH ₂	H	NH-methyl
	H	amino acid	NH ₂	H	NH-ethyl
20	H	amino acid	NH ₂	H	NH-acetyl
	H	amino acid	NH ₂	H	OH
	H	amino acid	NH ₂	H	OMe
	H	amino acid	NH ₂	H	OEt
	H	amino acid	NH ₂	H	O-cyclopropyl
25	H	amino acid	NH ₂	H	O-acetyl
	H	amino acid	NH ₂	H	SH
	H	amino acid	NH ₂	H	SMe
	H	amino acid	NH ₂	H	SEt
	H	amino acid	NH ₂	H	S-cyclopropyl
30	H	amino acid	NH ₂	H	F
	H	amino acid	NH ₂	H	Cl
	H	amino acid	NH ₂	H	Br
	H	amino acid	NH ₂	H	I
	amino acid	amino acid	NH ₂	H	H
35	amino acid	amino acid	NH ₂	H	NH ₂
	amino acid	amino acid	NH ₂	H	NH-cyclopropyl
	amino acid	amino acid	NH ₂	H	NH-methyl
	amino acid	amino acid	NH ₂	H	NH-ethyl
	amino acid	amino acid	NH ₂	H	NH-acetyl
40	amino acid	amino acid	NH ₂	H	OH
	amino acid	amino acid	NH ₂	H	OMe
	amino acid	amino acid	NH ₂	H	OEt
	amino acid	amino acid	NH ₂	H	O-cyclopropyl
	amino acid	amino acid	NH ₂	H	O-acetyl
45	amino acid	amino acid	NH ₂	H	SH
	amino acid	amino acid	NH ₂	H	SMe
	amino acid	amino acid	NH ₂	H	SEt
	amino acid	amino acid	NH ₂	H	S-cyclopropyl
	amino acid	amino acid	NH ₂	H	F
50	amino acid	amino acid	NH ₂	H	Cl
	amino acid	amino acid	NH ₂	H	Br
	amino acid	amino acid	NH ₂	H	I
	amino acid	H	NH ₂	H	H
	amino acid	H	NH ₂	H	NH ₂
55	amino acid	H	NH ₂	H	NH-cyclopropyl
	amino acid	H	NH ₂	H	NH-methyl
	amino acid	H	NH ₂	H	NH-ethyl
	amino acid	H	NH ₂	H	NH-acetyl
	amino acid	H	NH ₂	H	OH
60	amino acid	H	NH ₂	H	OMe
	amino acid	H	NH ₂	H	OEt
	amino acid	H	NH ₂	H	O-cyclopropyl
	amino acid	H	NH ₂	H	O-acetyl
	amino acid	H	NH ₂	H	SH
65	amino acid	H	NH ₂	H	SMe
	amino acid	H	NH ₂	H	SEt
	amino acid	H	NH ₂	H	S-cyclopropyl
	amino acid	H	NH ₂	H	F
	amino acid	H	NH ₂	H	Cl
	amino acid	H	NH ₂	H	Br
	amino acid	H	NH ₂	H	I
	amino acid	acyl	NH ₂	H	H
	amino acid	acyl	NH ₂	H	NH ₂
	amino acid	acyl	NH ₂	H	NH-cyclopropyl
	amino acid	acyl	NH ₂	H	NH-methyl
	amino acid	acyl	NH ₂	H	NH-ethyl
	amino acid	acyl	NH ₂	H	NH-acetyl
	amino acid	acyl	NH ₂	H	OH
	amino acid	acyl	NH ₂	H	OMe
	amino acid	acyl	NH ₂	H	OEt
	amino acid	acyl	NH ₂	H	O-cyclopropyl

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TABLE 8-continued

R ₂	R ₃	X ¹	X ²	Y
amino acid	acyl	NH ₂	H	O-acetyl
amino acid	acyl	NH ₂	H	SH
amino acid	acyl	NH ₂	H	SMe
amino acid	acyl	NH ₂	H	SEt
amino acid	acyl	NH ₂	H	S-cyclopropyl
amino acid	acyl	NH ₂	H	F
amino acid	acyl	NH ₂	H	Cl
amino acid	acyl	NH ₂	H	Br
amino acid	acyl	NH ₂	H	I
acyl	H	SH	H	H
acyl	H	SH	H	NH ₂
acyl	H	SH	H	NH-cyclopropyl
acyl	H	SH	H	NH-methyl
acyl	H	SH	H	NH-ethyl
acyl	H	SH	H	NH-acetyl
acyl	H	SH	H	OH
acyl	H	SH	H	OMe
acyl	H	SH	H	OEt
acyl	H	SH	H	O-cyclopropyl
acyl	H	SH	H	O-acetyl
acyl	H	SH	H	SH
acyl	H	SH	H	SMe
acyl	H	SH	H	SEt
acyl	H	SH	H	S-cyclopropyl
acyl	H	SH	H	F
acyl	H	SH	H	Cl
acyl	H	SH	H	Br
acyl	H	SH	H	I
acyl	acyl	SH	H	H
acyl	acyl	SH	H	NH ₂
acyl	acyl	SH	H	NH-cyclopropyl
acyl	acyl	SH	H	NH-methyl
acyl	acyl	SH	H	NH-ethyl
acyl	acyl	SH	H	NH-acetyl
acyl	acyl	SH	H	OH
acyl	acyl	SH	H	OMe
acyl	acyl	SH	H	OEt
acyl	acyl	SH	H	O-cyclopropyl
acyl	acyl	SH	H	O-acetyl
acyl	acyl	SH	H	SH
acyl	acyl	SH	H	SMe
acyl	acyl	SH	H	SEt
acyl	acyl	SH	H	S-cyclopropyl
acyl	acyl	SH	H	F
acyl	acyl	SH	H	Cl
acyl	acyl	SH	H	Br
acyl	acyl	SH	H	I
acyl	amino acid	SH	H	H
acyl	amino acid	SH	H	NH ₂
acyl	amino acid	SH	H	NH-cyclopropyl
acyl	amino acid	SH	H	NH-methyl
acyl	amino acid	SH	H	NH-ethyl
acyl	amino acid	SH	H	NH-acetyl
acyl	amino acid	SH	H	OH
acyl	amino acid	SH	H	OMe
acyl	amino acid	SH	H	OEt
acyl	amino acid	SH	H	O-cyclopropyl
acyl	amino acid	SH	H	O-acetyl
acyl	amino acid	SH	H	SH
acyl	amino acid	SH	H	SMe
acyl	amino acid	SH	H	SEt
acyl	amino acid	SH	H	S-cyclopropyl
acyl	amino acid	SH	H	F
acyl	amino acid	SH	H	Cl
acyl	amino acid	SH	H	Br
acyl	amino acid	SH	H	I
H	acyl	SH	H	H
H	acyl	SH	H	NH ₂
H	acyl	SH	H	NH-cyclopropyl
H	acyl	SH	H	NH-methyl
H	acyl	SH	H	NH-ethyl
H	acyl	SH	H	NH-acetyl
H	acyl	SH	H	OH
H	acyl	SH	H	OMe
H	acyl	SH	H	OEt
H	acyl	SH	H	O-cyclopropyl
H	acyl	SH	H	O-acetyl

TABLE 8-continued

	R ₂	R ₃	X ¹	X ²	Y
5	H	acyl	SH	H	SH
	H	acyl	SH	H	SMe
	H	acyl	SH	H	SEt
	H	acyl	SH	H	S-cyclopropyl
	H	acyl	SH	H	F
	H	acyl	SH	H	Cl
10	H	acyl	SH	H	Br
	H	acyl	SH	H	I
	H	amino acid	SH	H	H
	H	amino acid	SH	H	NH ₂
	H	amino acid	SH	H	NH-cyclopropyl
	H	amino acid	SH	H	NH-methyl
15	H	amino acid	SH	H	NH-ethyl
	H	amino acid	SH	H	NH-acetyl
	H	amino acid	SH	H	OH
	H	amino acid	SH	H	OMe
	H	amino acid	SH	H	OEt
	H	amino acid	SH	H	O-cyclopropyl
	H	amino acid	SH	H	O-acetyl
20	H	amino acid	SH	H	SH
	H	amino acid	SH	H	SMe
	H	amino acid	SH	H	SEt
	H	amino acid	SH	H	S-cyclopropyl
	H	amino acid	SH	H	F
	H	amino acid	SH	H	Cl
25	H	amino acid	SH	H	Br
	H	amino acid	SH	H	I
	amino acid	amino acid	SH	H	H
	amino acid	amino acid	SH	H	NH ₂
	amino acid	amino acid	SH	H	NH-cyclopropyl
	amino acid	amino acid	SH	H	NH-methyl
30	amino acid	amino acid	SH	H	NH-ethyl
	amino acid	amino acid	SH	H	NH-acetyl
	amino acid	amino acid	SH	H	OH
	amino acid	amino acid	SH	H	OMe
	amino acid	amino acid	SH	H	OEt
	amino acid	amino acid	SH	H	O-cyclopropyl
35	amino acid	amino acid	SH	H	O-acetyl
	amino acid	amino acid	SH	H	SH
	amino acid	amino acid	SH	H	SMe
	amino acid	amino acid	SH	H	SEt
	amino acid	amino acid	SH	H	S-cyclopropyl
	amino acid	amino acid	SH	H	F
	amino acid	amino acid	SH	H	Cl
40	amino acid	amino acid	SH	H	Br
	amino acid	amino acid	SH	H	I
	amino acid	H	SH	H	H
	amino acid	H	SH	H	NH ₂
	amino acid	H	SH	H	NH-cyclopropyl
	amino acid	H	SH	H	NH-methyl
45	amino acid	H	SH	H	NH-ethyl
	amino acid	H	SH	H	NH-acetyl
	amino acid	H	SH	H	OH
	amino acid	H	SH	H	OMe
	amino acid	H	SH	H	OEt
	amino acid	H	SH	H	O-cyclopropyl
	amino acid	H	SH	H	O-acetyl
50	amino acid	H	SH	H	SH
	amino acid	H	SH	H	SMe
	amino acid	H	SH	H	SEt
	amino acid	H	SH	H	S-cyclopropyl
	amino acid	H	SH	H	F
	amino acid	H	SH	H	Cl
55	amino acid	H	SH	H	Br
	amino acid	H	SH	H	I
	amino acid	acyl	SH	H	H
	amino acid	acyl	SH	H	NH ₂
	amino acid	acyl	SH	H	NH-cyclopropyl
	amino acid	acyl	SH	H	NH-methyl
60	amino acid	acyl	SH	H	NH-ethyl
	amino acid	acyl	SH	H	NH-acetyl
	amino acid	acyl	SH	H	OH
	amino acid	acyl	SH	H	OMe
	amino acid	acyl	SH	H	OEt
	amino acid	acyl	SH	H	O-cyclopropyl
	amino acid	acyl	SH	H	O-acetyl
65	amino acid	acyl	SH	H	SH

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TABLE 8-continued

R ₂	R ₃	X ¹	X ²	Y
amino acid	acyl	SH	H	SMe
amino acid	acyl	SH	H	SEt
amino acid	acyl	SH	H	S-cyclopropyl
amino acid	acyl	SH	H	F
amino acid	acyl	SH	H	Cl
amino acid	acyl	SH	H	Br
amino acid	acyl	SH	H	I
acyl	H	OH	H	H
acyl	H	OH	H	NH ₂
acyl	H	OH	H	NH-cyclopropyl
acyl	H	OH	H	NH-methyl
acyl	H	OH	H	NH-ethyl
acyl	H	OH	H	NH-acetyl
acyl	H	OH	H	OH
acyl	H	OH	H	OMe
acyl	H	OH	H	OEt
acyl	H	OH	H	O-cyclopropyl
acyl	H	OH	H	O-acetyl
acyl	H	OH	H	SH
acyl	H	OH	H	SMe
acyl	H	OH	H	SEt
acyl	H	OH	H	S-cyclopropyl
acyl	H	OH	H	F
acyl	H	OH	H	Cl
acyl	H	OH	H	Br
acyl	H	OH	H	I
acyl	acyl	OH	H	H
acyl	acyl	OH	H	NH ₂
acyl	acyl	OH	H	NH-cyclopropyl
acyl	acyl	OH	H	NH-methyl
acyl	acyl	OH	H	NH-ethyl
acyl	acyl	OH	H	NH-acetyl
acyl	acyl	OH	H	OH
acyl	acyl	OH	H	OMe
acyl	acyl	OH	H	OEt
acyl	acyl	OH	H	O-cyclopropyl
acyl	acyl	OH	H	O-acetyl
acyl	acyl	OH	H	SH
acyl	acyl	OH	H	SMe
acyl	acyl	OH	H	SEt
acyl	acyl	OH	H	S-cyclopropyl
acyl	acyl	OH	H	F
acyl	acyl	OH	H	Cl
acyl	acyl	OH	H	Br
acyl	acyl	OH	H	I
acyl	amino acid	OH	H	H
acyl	amino acid	OH	H	NH ₂
acyl	amino acid	OH	H	NH-cyclopropyl
acyl	amino acid	OH	H	NH-methyl
acyl	amino acid	OH	H	NH-ethyl
acyl	amino acid	OH	H	NH-acetyl
acyl	amino acid	OH	H	OH
acyl	amino acid	OH	H	OMe
acyl	amino acid	OH	H	OEt
acyl	amino acid	OH	H	O-cyclopropyl
acyl	amino acid	OH	H	O-acetyl
acyl	amino acid	OH	H	SH
acyl	amino acid	OH	H	SMe
acyl	amino acid	OH	H	SEt
acyl	amino acid	OH	H	S-cyclopropyl
acyl	amino acid	OH	H	F
acyl	amino acid	OH	H	Cl
acyl	amino acid	OH	H	Br
acyl	amino acid	OH	H	I
H	acyl	OH	H	H
H	acyl	OH	H	NH ₂
H	acyl	OH	H	NH-cyclopropyl
H	acyl	OH	H	NH-methyl
H	acyl	OH	H	NH-ethyl
H	acyl	OH	H	NH-acetyl
H	acyl	OH	H	OH
H	acyl	OH	H	OMe
H	acyl	OH	H	OEt
H	acyl	OH	H	O-cyclopropyl
H	acyl	OH	H	O-acetyl
H	acyl	OH	H	SH
H	acyl	OH	H	SMe

TABLE 8-continued

	R ₂	R ₃	X ¹	X ²	Y
5	H	acyl	OH	H	SEt
	H	acyl	OH	H	S-cyclopropyl
	H	acyl	OH	H	F
	H	acyl	OH	H	Cl
	H	acyl	OH	H	Br
	H	acyl	OH	H	I
10	H	amino acid	OH	H	H
	H	amino acid	OH	H	NH ₂
	H	amino acid	OH	H	NH-cyclopropyl
	H	amino acid	OH	H	NH-methyl
	H	amino acid	OH	H	NH-ethyl
	H	amino acid	OH	H	NH-acetyl
15	H	amino acid	OH	H	OH
	H	amino acid	OH	H	OMe
	H	amino acid	OH	H	OEt
	H	amino acid	OH	H	O-cyclopropyl
	H	amino acid	OH	H	O-acetyl
	H	amino acid	OH	H	SH
20	H	amino acid	OH	H	SMe
	H	amino acid	OH	H	SEt
	H	amino acid	OH	H	S-cyclopropyl
	H	amino acid	OH	H	F
	H	amino acid	OH	H	Cl
	H	amino acid	OH	H	Br
	H	amino acid	OH	H	I
25	amino acid	amino acid	OH	H	H
	amino acid	amino acid	OH	H	NH ₂
	amino acid	amino acid	OH	H	NH-cyclopropyl
	amino acid	amino acid	OH	H	NH-methyl
	amino acid	amino acid	OH	H	NH-ethyl
	amino acid	amino acid	OH	H	NH-acetyl
30	amino acid	amino acid	OH	H	OH
	amino acid	amino acid	OH	H	OMe
	amino acid	amino acid	OH	H	OEt
	amino acid	amino acid	OH	H	O-cyclopropyl
	amino acid	amino acid	OH	H	O-acetyl
	amino acid	amino acid	OH	H	SH
35	amino acid	amino acid	OH	H	SMe
	amino acid	amino acid	OH	H	SEt
	amino acid	amino acid	OH	H	S-cyclopropyl
	amino acid	amino acid	OH	H	F
	amino acid	amino acid	OH	H	Cl
	amino acid	amino acid	OH	H	Br
40	amino acid	amino acid	OH	H	I
	amino acid	H	OH	H	H
	amino acid	H	OH	H	NH ₂
	amino acid	H	OH	H	NH-cyclopropyl
	amino acid	H	OH	H	NH-methyl
	amino acid	H	OH	H	NH-ethyl
	amino acid	H	OH	H	NH-acetyl
45	amino acid	H	OH	H	OH
	amino acid	H	OH	H	OMe
	amino acid	H	OH	H	OEt
	amino acid	H	OH	H	O-cyclopropyl
	amino acid	H	OH	H	O-acetyl
	amino acid	H	OH	H	SH
50	amino acid	H	OH	H	SMe
	amino acid	H	OH	H	SEt
	amino acid	H	OH	H	S-cyclopropyl
	amino acid	H	OH	H	F
	amino acid	H	OH	H	Cl
	amino acid	H	OH	H	Br
55	amino acid	H	OH	H	I
	amino acid	acyl	OH	H	H
	amino acid	acyl	OH	H	NH ₂
	amino acid	acyl	OH	H	NH-cyclopropyl
	amino acid	acyl	OH	H	NH-methyl
	amino acid	acyl	OH	H	NH-ethyl
	amino acid	acyl	OH	H	NH-acetyl
60	amino acid	acyl	OH	H	OH
	amino acid	acyl	OH	H	OMe
	amino acid	acyl	OH	H	OEt
	amino acid	acyl	OH	H	O-cyclopropyl
	amino acid	acyl	OH	H	O-acetyl
	amino acid	acyl	OH	H	SH
65	amino acid	acyl	OH	H	SMe
	amino acid	acyl	OH	H	SEt

TABLE 8-continued

R ₂	R ₃	X ¹	X ²	Y
amino acid	acyl	OH	H	S-cyclopropyl
amino acid	acyl	OH	H	F
amino acid	acyl	OH	H	Cl
amino acid	acyl	OH	H	Br
amino acid	acyl	OH	H	I

TABLE 9

R ²	R ³	R ⁶	X	Base
acyl	H	CH ₃	O	6-Methylthymine
acyl	H	CH ₃	O	6-Methyluracil
acyl	H	CH ₃	O	8-Methylguanine
acyl	H	CH ₃	O	6-Methylcytosine
acyl	H	CH ₃	O	8-Methyladenine
acyl	H	CH ₃	O	8-Methylhypoxanthine
acyl	H	CH ₃	O	5-Fluoro-6-methylcytosine
acyl	H	CH ₃	O	5-Fluoro-6-methyluracil
acyl	H	CH ₃	O	2-Fluoro-8-methyladenine
acyl	H	CH ₃	O	2-Fluoro-8-methylhypoxanthine
acyl	H	CH ₃	O	2-amino-8-methyladenine
acyl	H	CH ₃	O	2-amino-8-methylhypoxanthine
acyl	H	CH ₃	O	2-N-acetyl-8-methylguanine
acyl	H	CH ₃	O	4-N-acetyl-8-methylcytosine
acyl	H	CH ₃	O	6-N-acetyl-8-methyladenine
acyl	H	CH ₃	O	4-N-acetyl-5-fluoro-8-methylcytosine
acyl	H	CH ₃	O	6-N-acetyl-2-fluoro-8-methyladenine
acyl	H	CH ₃	O	6-N-acetyl-2-amino-8-methyladenine
acyl	H	CH ₃	O	2-N-acetylamino-8-methyladenine
acyl	H	CH ₃	O	2-N-acetylamino-8-methylhypoxanthine
acyl	acyl	CH ₃	O	6-Methylthymine
acyl	acyl	CH ₃	O	6-Methyluracil
acyl	acyl	CH ₃	O	8-Methylguanine
acyl	acyl	CH ₃	O	6-Methylcytosine
acyl	acyl	CH ₃	O	8-Methyladenine
acyl	acyl	CH ₃	O	8-Methylhypoxanthine
acyl	acyl	CH ₃	O	5-Fluoro-6-methylcytosine
acyl	acyl	CH ₃	O	5-Fluoro-6-methyluracil
acyl	acyl	CH ₃	O	2-Fluoro-8-methyladenine
acyl	acyl	CH ₃	O	2-Fluoro-8-methylhypoxanthine
acyl	acyl	CH ₃	O	2-amino-8-methyladenine
acyl	acyl	CH ₃	O	2-amino-8-methylhypoxanthine
acyl	acyl	CH ₃	O	2-N-acetyl-8-methylguanine
acyl	acyl	CH ₃	O	4-N-acetyl-8-methylcytosine
acyl	acyl	CH ₃	O	6-N-acetyl-8-methyladenine
acyl	acyl	CH ₃	O	4-N-acetyl-5-fluoro-8-methylcytosine
acyl	acyl	CH ₃	O	6-N-acetyl-2-fluoro-8-methyladenine
acyl	acyl	CH ₃	O	6-N-acetyl-2-amino-8-methyladenine
acyl	acyl	CH ₃	O	2-N-acetylamino-8-methyladenine
acyl	acyl	CH ₃	O	2-N-acetylamino-8-methylhypoxanthine
acyl	amino acid	CH ₃	O	6-Methylthymine
acyl	amino acid	CH ₃	O	6-Methyluracil
acyl	amino acid	CH ₃	O	8-Methylguanine
acyl	amino acid	CH ₃	O	6-Methylcytosine
acyl	amino acid	CH ₃	O	8-Methyladenine
acyl	amino acid	CH ₃	O	8-Methylhypoxanthine
acyl	amino acid	CH ₃	O	5-Fluoro-6-methylcytosine
acyl	amino acid	CH ₃	O	5-Fluoro-6-methyluracil
acyl	amino acid	CH ₃	O	2-Fluoro-8-methyladenine
acyl	amino acid	CH ₃	O	2-Fluoro-8-methylhypoxanthine
acyl	amino acid	CH ₃	O	2-amino-8-methyladenine
acyl	amino acid	CH ₃	O	2-amino-8-methylhypoxanthine
acyl	amino acid	CH ₃	O	2-N-acetyl-8-methylguanine
acyl	amino acid	CH ₃	O	4-N-acetyl-8-methylcytosine
acyl	amino acid	CH ₃	O	6-N-acetyl-8-methyladenine
acyl	amino acid	CH ₃	O	4-N-acetyl-5-fluoro-8-methylcytosine

TABLE 9-continued

R ²	R ³	R ⁶	X	Base
5	acyl	amino acid	CH ₃	O 6-N-acetyl-8-methyladenine
	acyl	amino acid	CH ₃	O 4-N-acetyl-5-fluoro-8-methylcytosine
	acyl	amino acid	CH ₃	O 6-N-acetyl-2-fluoro-8-methyladenine
	acyl	amino acid	CH ₃	O 6-N-acetyl-2-amino-8-methyladenine
10	acyl	amino acid	CH ₃	O 2-N-acetylamino-8-methyladenine
	acyl	amino acid	CH ₃	O 2-N-acetylamino-8-methylhypoxanthine
	H	acyl	CH ₃	O 6-Methylthymine
15	H	acyl	CH ₃	O 6-Methyluracil
	H	acyl	CH ₃	O 8-Methylguanine
	H	acyl	CH ₃	O 6-Methylcytosine
	H	acyl	CH ₃	O 8-Methyladenine
	H	acyl	CH ₃	O 8-Methylhypoxanthine
	H	acyl	CH ₃	O 5-Fluoro-6-methylcytosine
	H	acyl	CH ₃	O 5-Fluoro-6-methyluracil
20	H	acyl	CH ₃	O 2-Fluoro-8-methyladenine
	H	acyl	CH ₃	O 2-Fluoro-8-methylhypoxanthine
	H	acyl	CH ₃	O 2-amino-8-methyladenine
	H	acyl	CH ₃	O 2-amino-8-methylhypoxanthine
	H	acyl	CH ₃	O 2-N-acetyl-8-methylguanine
25	H	acyl	CH ₃	O 4-N-acetyl-8-methylcytosine
	H	acyl	CH ₃	O 6-N-acetyl-8-methyladenine
	H	acyl	CH ₃	O 4-N-acetyl-5-fluoro-8-methylcytosine
	H	acyl	CH ₃	O 6-N-acetyl-2-fluoro-8-methyladenine
30	H	acyl	CH ₃	O 6-N-acetyl-2-amino-8-methyladenine
	H	acyl	CH ₃	O 2-N-acetylamino-8-methyladenine
	H	acyl	CH ₃	O 2-N-acetylamino-8-methylhypoxanthine
	H	amino acid	CH ₃	O 6-Methylthymine
35	H	amino acid	CH ₃	O 6-Methyluracil
	H	amino acid	CH ₃	O 8-Methylguanine
	H	amino acid	CH ₃	O 6-Methylcytosine
	H	amino acid	CH ₃	O 8-Methyladenine
	H	amino acid	CH ₃	O 8-Methylhypoxanthine
	H	amino acid	CH ₃	O 5-Fluoro-6-methylcytosine
	H	amino acid	CH ₃	O 5-Fluoro-6-methyluracil
40	H	amino acid	CH ₃	O 2-Fluoro-8-methyladenine
	H	amino acid	CH ₃	O 2-Fluoro-8-methylhypoxanthine
	H	amino acid	CH ₃	O 2-amino-8-methyladenine
	H	amino acid	CH ₃	O 2-amino-8-methylhypoxanthine
	H	amino acid	CH ₃	O 2-N-acetyl-8-methylguanine
45	H	amino acid	CH ₃	O 4-N-acetyl-8-methylcytosine
	H	amino acid	CH ₃	O 6-N-acetyl-8-methyladenine
	H	amino acid	CH ₃	O 4-N-acetyl-5-fluoro-8-methylcytosine
	H	amino acid	CH ₃	O 6-N-acetyl-2-fluoro-8-methyladenine
	H	amino acid	CH ₃	O 6-N-acetyl-2-amino-8-methyladenine
50	H	amino acid	CH ₃	O 2-N-acetylamino-8-methyladenine
	H	amino acid	CH ₃	O 2-N-acetylamino-8-methylhypoxanthine
	amino acid	amino acid	CH ₃	O 6-Methylthymine
	amino acid	amino acid	CH ₃	O 6-Methyluracil
	amino acid	amino acid	CH ₃	O 8-Methylguanine
55	amino acid	amino acid	CH ₃	O 6-Methylcytosine
	amino acid	amino acid	CH ₃	O 8-Methyladenine
	amino acid	amino acid	CH ₃	O 8-Methylhypoxanthine
	amino acid	amino acid	CH ₃	O 5-Fluoro-6-methylcytosine
	amino acid	amino acid	CH ₃	O 5-Fluoro-6-methyluracil
	amino acid	amino acid	CH ₃	O 2-Fluoro-8-methyladenine
60	amino acid	amino acid	CH ₃	O 2-Fluoro-8-methylhypoxanthine
	amino acid	amino acid	CH ₃	O 2-amino-8-methyladenine
	amino acid	amino acid	CH ₃	O 2-amino-8-methylhypoxanthine
	amino acid	amino acid	CH ₃	O 2-N-acetyl-8-methylguanine
	amino acid	amino acid	CH ₃	O 4-N-acetyl-8-methylcytosine
	amino acid	amino acid	CH ₃	O 6-N-acetyl-8-methyladenine
65	amino acid	amino acid	CH ₃	O 4-N-acetyl-5-fluoro-8-methylcytosine

TABLE 9-continued

R ²	R ³	R ⁶	X	Base
amino acid	amino acid	CH ₃	O	6-N-acetyl-2-fluoro-8-methyladenine
amino acid	amino acid	CH ₃	O	6-N-acetyl-2-amino-8-methyladenine
amino acid	amino acid	CH ₃	O	2-N-acetyl-amino-8-methyladenine
amino acid	amino acid	CH ₃	O	2-N-acetyl-amino-8-methylhypoxanthine
amino acid	H	CH ₃	O	6-Methylthymine
amino acid	H	CH ₃	O	6-Methyluracil
amino acid	H	CH ₃	O	8-Methylguanine
amino acid	H	CH ₃	O	6-Methylcytosine
amino acid	H	CH ₃	O	8-Methyladenine
amino acid	H	CH ₃	O	8-Methylhypoxanthine
amino acid	H	CH ₃	O	5-Fluoro-6-methylcytosine
amino acid	H	CH ₃	O	5-Fluoro-6-methyluracil
amino acid	H	CH ₃	O	2-Fluoro-8-methyladenine
amino acid	H	CH ₃	O	2-Fluoro-8-methylhypoxanthine
amino acid	H	CH ₃	O	2-amino-8-methyladenine
amino acid	H	CH ₃	O	2-amino-8-methylhypoxanthine
amino acid	H	CH ₃	O	2-N-acetyl-8-methylguanine
amino acid	H	CH ₃	O	4-N-acetyl-8-methylcytosine
amino acid	H	CH ₃	O	6-N-acetyl-8-methyladenine
amino acid	H	CH ₃	O	4-N-acetyl-5-fluoro-8-methylcytosine
amino acid	H	CH ₃	O	6-N-acetyl-2-fluoro-8-methyladenine
amino acid	H	CH ₃	O	6-N-acetyl-2-amino-8-methyladenine
amino acid	H	CH ₃	O	2-N-acetyl-amino-8-methyladenine
amino acid	H	CH ₃	O	2-N-acetyl-amino-8-methylhypoxanthine
amino acid	acyl	CH ₃	O	6-Methylthymine
amino acid	acyl	CH ₃	O	6-Methyluracil
amino acid	acyl	CH ₃	O	8-Methylguanine
amino acid	acyl	CH ₃	O	6-Methylcytosine
amino acid	acyl	CH ₃	O	8-Methyladenine
amino acid	acyl	CH ₃	O	8-Methylhypoxanthine
amino acid	acyl	CH ₃	O	5-Fluoro-6-methylcytosine
amino acid	acyl	CH ₃	O	5-Fluoro-6-methyluracil
amino acid	acyl	CH ₃	O	2-Fluoro-8-methyladenine
amino acid	acyl	CH ₃	O	2-Fluoro-8-methylhypoxanthine
amino acid	acyl	CH ₃	O	2-amino-8-methyladenine
amino acid	acyl	CH ₃	O	2-amino-8-methylhypoxanthine
amino acid	acyl	CH ₃	O	2-N-acetyl-8-methylguanine
amino acid	acyl	CH ₃	O	4-N-acetyl-8-methylcytosine
amino acid	acyl	CH ₃	O	6-N-acetyl-8-methyladenine
amino acid	acyl	CH ₃	O	4-N-acetyl-5-fluoro-8-methylcytosine
amino acid	acyl	CH ₃	O	6-N-acetyl-2-fluoro-8-methyladenine
amino acid	acyl	CH ₃	O	6-N-acetyl-2-amino-8-methyladenine
amino acid	acyl	CH ₃	O	2-N-acetyl-amino-8-methyladenine
amino acid	acyl	CH ₃	O	2-N-acetyl-amino-8-methylhypoxanthine
acyl	H	CF ₃	O	6-Methylthymine
acyl	H	CF ₃	O	6-Methyluracil
acyl	H	CF ₃	O	8-Methylguanine
acyl	H	CF ₃	O	6-Methylcytosine
acyl	H	CF ₃	O	8-Methyladenine
acyl	H	CF ₃	O	8-Methylhypoxanthine
acyl	H	CF ₃	O	5-Fluoro-6-methylcytosine
acyl	H	CF ₃	O	5-Fluoro-6-methyluracil
acyl	H	CF ₃	O	2-Fluoro-8-methyladenine
acyl	H	CF ₃	O	2-Fluoro-8-methylhypoxanthine
acyl	H	CF ₃	O	2-amino-8-methyladenine
acyl	H	CF ₃	O	2-amino-8-methylhypoxanthine
acyl	H	CF ₃	O	2-N-acetyl-8-methylguanine
acyl	H	CF ₃	O	4-N-acetyl-8-methylcytosine
acyl	H	CF ₃	O	6-N-acetyl-8-methyladenine
acyl	H	CF ₃	O	4-N-acetyl-5-fluoro-8-methylcytosine
acyl	H	CF ₃	O	6-N-acetyl-2-fluoro-8-methyladenine
acyl	H	CF ₃	O	6-N-acetyl-2-amino-8-methyladenine

TABLE 9-continued

R ²	R ³	R ⁶	X	Base
acyl	H	CF ₃	O	6-N-acetyl-2-amino-8-methyladenine
acyl	H	CF ₃	O	2-N-acetyl-amino-8-methyladenine
acyl	H	CF ₃	O	2-N-acetyl-amino-8-methylhypoxanthine
acyl	acyl	CF ₃	O	6-Methylthymine
acyl	acyl	CF ₃	O	6-Methyluracil
acyl	acyl	CF ₃	O	8-Methylguanine
acyl	acyl	CF ₃	O	6-Methylcytosine
acyl	acyl	CF ₃	O	8-Methyladenine
acyl	acyl	CF ₃	O	8-Methylhypoxanthine
acyl	acyl	CF ₃	O	5-Fluoro-6-methylcytosine
acyl	acyl	CF ₃	O	5-Fluoro-6-methyluracil
acyl	acyl	CF ₃	O	2-Fluoro-8-methyladenine
acyl	acyl	CF ₃	O	2-Fluoro-8-methylhypoxanthine
acyl	acyl	CF ₃	O	2-amino-8-methyladenine
acyl	acyl	CF ₃	O	2-amino-8-methylhypoxanthine
acyl	acyl	CF ₃	O	2-N-acetyl-8-methylguanine
acyl	acyl	CF ₃	O	4-N-acetyl-8-methylcytosine
acyl	acyl	CF ₃	O	6-N-acetyl-8-methyladenine
acyl	acyl	CF ₃	O	4-N-acetyl-5-fluoro-8-methylcytosine
acyl	acyl	CF ₃	O	6-N-acetyl-2-fluoro-8-methyladenine
acyl	acyl	CF ₃	O	6-N-acetyl-2-amino-8-methyladenine
acyl	acyl	CF ₃	O	2-N-acetyl-amino-8-methyladenine
acyl	acyl	CF ₃	O	2-N-acetyl-amino-8-methylhypoxanthine
acyl	amino acid	CF ₃	O	6-Methylthymine
acyl	amino acid	CF ₃	O	6-Methyluracil
acyl	amino acid	CF ₃	O	8-Methylguanine
acyl	amino acid	CF ₃	O	6-Methylcytosine
acyl	amino acid	CF ₃	O	8-Methyladenine
acyl	amino acid	CF ₃	O	8-Methylhypoxanthine
acyl	amino acid	CF ₃	O	5-Fluoro-6-methylcytosine
acyl	amino acid	CF ₃	O	5-Fluoro-6-methyluracil
acyl	amino acid	CF ₃	O	2-Fluoro-8-methyladenine
acyl	amino acid	CF ₃	O	2-Fluoro-8-methylhypoxanthine
acyl	amino acid	CF ₃	O	2-amino-8-methyladenine
acyl	amino acid	CF ₃	O	2-amino-8-methylhypoxanthine
acyl	amino acid	CF ₃	O	2-N-acetyl-8-methylguanine
acyl	amino acid	CF ₃	O	4-N-acetyl-8-methylcytosine
acyl	amino acid	CF ₃	O	6-N-acetyl-8-methyladenine
acyl	amino acid	CF ₃	O	4-N-acetyl-5-fluoro-8-methylcytosine
acyl	amino acid	CF ₃	O	6-N-acetyl-2-fluoro-8-methyladenine
acyl	amino acid	CF ₃	O	6-N-acetyl-2-amino-8-methyladenine
acyl	amino acid	CF ₃	O	2-N-acetyl-amino-8-methyladenine
acyl	amino acid	CF ₃	O	2-N-acetyl-amino-8-methylhypoxanthine
H	acyl	CF ₃	O	6-Methylthymine
H	acyl	CF ₃	O	6-Methyluracil
H	acyl	CF ₃	O	8-Methylguanine
H	acyl	CF ₃	O	6-Methylcytosine
H	acyl	CF ₃	O	8-Methyladenine
H	acyl	CF ₃	O	8-Methylhypoxanthine
H	acyl	CF ₃	O	5-Fluoro-6-methylcytosine
H	acyl	CF ₃	O	5-Fluoro-6-methyluracil
H	acyl	CF ₃	O	2-Fluoro-8-methyladenine
H	acyl	CF ₃	O	2-Fluoro-8-methylhypoxanthine
H	acyl	CF ₃	O	2-amino-8-methyladenine
H	acyl	CF ₃	O	2-amino-8-methylhypoxanthine
H	acyl	CF ₃	O	2-N-acetyl-8-methylguanine
H	acyl	CF ₃	O	4-N-acetyl-8-methylcytosine
H	acyl	CF ₃	O	6-N-acetyl-8-methyladenine
H	acyl	CF ₃	O	4-N-acetyl-5-fluoro-8-methylcytosine
H	acyl	CF ₃	O	6-N-acetyl-2-fluoro-8-methyladenine
H	acyl	CF ₃	O	6-N-acetyl-2-amino-8-methyladenine

TABLE 9-continued

R ²	R ³	R ⁶	X	Base
H	acyl	CF ₃	O	2-N-acetylamino-8-methyladenine
H	acyl	CF ₃	O	2-N-acetylamino-8-methylhypoxanthine
H	amino acid	CF ₃	O	6-Methylthymine
H	amino acid	CF ₃	O	6-Methyluracil
H	amino acid	CF ₃	O	8-Methylguanine
H	amino acid	CF ₃	O	6-Methylcytosine
H	amino acid	CF ₃	O	8-Methyladenine
H	amino acid	CF ₃	O	8-Methylhypoxanthine
H	amino acid	CF ₃	O	5-Fluoro-6-methylcytosine
H	amino acid	CF ₃	O	5-Fluoro-6-methyluracil
H	amino acid	CF ₃	O	2-Fluoro-8-methyladenine
H	amino acid	CF ₃	O	2-Fluoro-8-methylhypoxanthine
H	amino acid	CF ₃	O	2-amino-8-methyladenine
H	amino acid	CF ₃	O	2-amino-8-methylhypoxanthine
H	amino acid	CF ₃	O	2-N-acetyl-8-methylguanine
H	amino acid	CF ₃	O	4-N-acetyl-8-methylcytosine
H	amino acid	CF ₃	O	6-N-acetyl-8-methyladenine
H	amino acid	CF ₃	O	4-N-acetyl-5-fluoro-8-methylcytosine
H	amino acid	CF ₃	O	6-N-acetyl-2-fluoro-8-methyladenine
H	amino acid	CF ₃	O	6-N-acetyl-2-amino-8-methyladenine
H	amino acid	CF ₃	O	2-N-acetylamino-8-methyladenine
H	amino acid	CF ₃	O	2-N-acetylamino-8-methylhypoxanthine
amino acid	amino acid	CF ₃	O	6-Methylthymine
amino acid	amino acid	CF ₃	O	6-Methyluracil
amino acid	amino acid	CF ₃	O	8-Methylguanine
amino acid	amino acid	CF ₃	O	6-Methylcytosine
amino acid	amino acid	CF ₃	O	8-Methyladenine
amino acid	amino acid	CF ₃	O	8-Methylhypoxanthine
amino acid	amino acid	CF ₃	O	5-Fluoro-6-methylcytosine
amino acid	amino acid	CF ₃	O	5-Fluoro-6-methyluracil
amino acid	amino acid	CF ₃	O	2-Fluoro-8-methyladenine
amino acid	amino acid	CF ₃	O	2-Fluoro-8-methylhypoxanthine
amino acid	amino acid	CF ₃	O	2-amino-8-methyladenine
amino acid	amino acid	CF ₃	O	2-amino-8-methylhypoxanthine
amino acid	amino acid	CF ₃	O	2-N-acetyl-8-methylguanine
amino acid	amino acid	CF ₃	O	4-N-acetyl-8-methylcytosine
amino acid	amino acid	CF ₃	O	6-N-acetyl-8-methyladenine
amino acid	amino acid	CF ₃	O	4-N-acetyl-5-fluoro-8-methylcytosine
amino acid	amino acid	CF ₃	O	6-N-acetyl-2-fluoro-8-methyladenine
amino acid	amino acid	CF ₃	O	6-N-acetyl-2-amino-8-methyladenine
amino acid	amino acid	CF ₃	O	2-N-acetylamino-8-methyladenine
amino acid	amino acid	CF ₃	O	2-N-acetylamino-8-methylhypoxanthine
amino acid	H	CF ₃	O	6-Methylthymine
amino acid	H	CF ₃	O	6-Methyluracil
amino acid	H	CF ₃	O	8-Methylguanine
amino acid	H	CF ₃	O	6-Methylcytosine
amino acid	H	CF ₃	O	8-Methyladenine
amino acid	H	CF ₃	O	8-Methylhypoxanthine
amino acid	H	CF ₃	O	5-Fluoro-6-methylcytosine
amino acid	H	CF ₃	O	5-Fluoro-6-methyluracil
amino acid	H	CF ₃	O	2-Fluoro-8-methyladenine
amino acid	H	CF ₃	O	2-Fluoro-8-methylhypoxanthine
amino acid	H	CF ₃	O	2-amino-8-methyladenine
amino acid	H	CF ₃	O	2-amino-8-methylhypoxanthine
amino acid	H	CF ₃	O	2-N-acetyl-8-methylguanine
amino acid	H	CF ₃	O	4-N-acetyl-8-methylcytosine
amino acid	H	CF ₃	O	6-N-acetyl-8-methyladenine
amino acid	H	CF ₃	O	4-N-acetyl-5-fluoro-8-methylcytosine
amino acid	H	CF ₃	O	6-N-acetyl-2-fluoro-8-methyladenine
amino acid	H	CF ₃	O	6-N-acetyl-2-amino-8-methyladenine
amino acid	H	CF ₃	O	2-N-acetylamino-8-methyladenine
amino acid	H	CF ₃	O	2-N-acetylamino-8-methylhypoxanthine

TABLE 9-continued

R ²	R ³	R ⁶	X	Base
5 amino acid	H	CF ₃	O	2-N-acetylamino-8-methylhypoxanthine
amino acid	acyl	CF ₃	O	6-Methylthymine
amino acid	acyl	CF ₃	O	6-Methyluracil
amino acid	acyl	CF ₃	O	8-Methylguanine
amino acid	acyl	CF ₃	O	6-Methylcytosine
10 amino acid	acyl	CF ₃	O	8-Methyladenine
amino acid	acyl	CF ₃	O	8-Methylhypoxanthine
amino acid	acyl	CF ₃	O	5-Fluoro-6-methylcytosine
amino acid	acyl	CF ₃	O	5-Fluoro-6-methyluracil
amino acid	acyl	CF ₃	O	2-Fluoro-8-methyladenine
amino acid	acyl	CF ₃	O	2-Fluoro-8-methylhypoxanthine
15 amino acid	acyl	CF ₃	O	2-amino-8-methyladenine
amino acid	acyl	CF ₃	O	2-amino-8-methylhypoxanthine
amino acid	acyl	CF ₃	O	2-N-acetyl-8-methylguanine
amino acid	acyl	CF ₃	O	4-N-acetyl-8-methylcytosine
amino acid	acyl	CF ₃	O	6-N-acetyl-8-methyladenine
amino acid	acyl	CF ₃	O	4-N-acetyl-5-fluoro-8-methylcytosine
20 amino acid	acyl	CF ₃	O	6-N-acetyl-2-fluoro-8-methyladenine
amino acid	acyl	CF ₃	O	6-N-acetyl-2-amino-8-methyladenine
amino acid	acyl	CF ₃	O	2-N-acetylamino-8-methyladenine
25 amino acid	acyl	CF ₃	O	2-N-acetylamino-8-methylhypoxanthine
acyl	H	CH ₃	S	6-Methylthymine
acyl	H	CH ₃	S	6-Methyluracil
acyl	H	CH ₃	S	8-Methylguanine
acyl	H	CH ₃	S	6-Methylcytosine
30 acyl	H	CH ₃	S	8-Methyladenine
acyl	H	CH ₃	S	8-Methylhypoxanthine
acyl	H	CH ₃	S	5-Fluoro-6-methylcytosine
acyl	H	CH ₃	S	5-Fluoro-6-methyluracil
acyl	H	CH ₃	S	2-Fluoro-8-methyladenine
acyl	H	CH ₃	S	2-Fluoro-8-methylhypoxanthine
35 acyl	H	CH ₃	S	2-amino-8-methyladenine
acyl	H	CH ₃	S	2-amino-8-methylhypoxanthine
acyl	H	CH ₃	S	2-N-acetyl-8-methylguanine
acyl	H	CH ₃	S	4-N-acetyl-8-methylcytosine
acyl	H	CH ₃	S	6-N-acetyl-8-methyladenine
acyl	H	CH ₃	S	4-N-acetyl-5-fluoro-8-methylcytosine
40 acyl	H	CH ₃	S	6-N-acetyl-2-fluoro-8-methyladenine
acyl	H	CH ₃	S	6-N-acetyl-2-amino-8-methyladenine
acyl	H	CH ₃	S	2-N-acetylamino-8-methyladenine
45 acyl	H	CH ₃	S	2-N-acetylamino-8-methylhypoxanthine
acyl	acyl	CH ₃	S	6-Methylthymine
acyl	acyl	CH ₃	S	6-Methyluracil
acyl	acyl	CH ₃	S	8-Methylguanine
acyl	acyl	CH ₃	S	6-Methylcytosine
50 acyl	acyl	CH ₃	S	8-Methyladenine
acyl	acyl	CH ₃	S	8-Methylhypoxanthine
acyl	acyl	CH ₃	S	5-Fluoro-6-methylcytosine
acyl	acyl	CH ₃	S	5-Fluoro-6-methyluracil
acyl	acyl	CH ₃	S	2-Fluoro-8-methyladenine
acyl	acyl	CH ₃	S	2-Fluoro-8-methylhypoxanthine
55 acyl	acyl	CH ₃	S	2-amino-8-methyladenine
acyl	acyl	CH ₃	S	2-amino-8-methylhypoxanthine
acyl	acyl	CH ₃	S	2-N-acetyl-8-methylguanine
acyl	acyl	CH ₃	S	4-N-acetyl-8-methylcytosine
acyl	acyl	CH ₃	S	6-N-acetyl-8-methyladenine
acyl	acyl	CH ₃	S	4-N-acetyl-5-fluoro-8-methylcytosine
60 acyl	acyl	CH ₃	S	6-N-acetyl-2-fluoro-8-methyladenine
acyl	acyl	CH ₃	S	6-N-acetyl-2-amino-8-methyladenine
acyl	acyl	CH ₃	S	2-N-acetylamino-8-methyladenine
65 acyl	acyl	CH ₃	S	2-N-acetylamino-8-methylhypoxanthine

TABLE 9-continued

R ²	R ³	R ⁶	X	Base
acyl	amino acid	CH ₃	S	6-Methylthymine
acyl	amino acid	CH ₃	S	6-Methyluracil
acyl	amino acid	CH ₃	S	8-Methylguanine
acyl	amino acid	CH ₃	S	6-Methylcytosine
acyl	amino acid	CH ₃	S	8-Methyladenine
acyl	amino acid	CH ₃	S	8-Methylhypoxanthine
acyl	amino acid	CH ₃	S	5-Fluoro-6-methylcytosine
acyl	amino acid	CH ₃	S	5-Fluoro-6-methyluracil
acyl	amino acid	CH ₃	S	2-Fluoro-8-methyladenine
acyl	amino acid	CH ₃	S	2-Fluoro-8-methylhypoxanthine
acyl	amino acid	CH ₃	S	2-amino-8-methyladenine
acyl	amino acid	CH ₃	S	2-amino-8-methylhypoxanthine
acyl	amino acid	CH ₃	S	2-N-acetyl-8-methylguanine
acyl	amino acid	CH ₃	S	4-N-acetyl-8-methylcytosine
acyl	amino acid	CH ₃	S	6-N-acetyl-8-methyladenine
acyl	amino acid	CH ₃	S	4-N-acetyl-5-fluoro-8-methylcytosine
acyl	amino acid	CH ₃	S	6-N-acetyl-2-fluoro-8-methyladenine
acyl	amino acid	CH ₃	S	6-N-acetyl-2-amino-8-methyladenine
acyl	amino acid	CH ₃	S	2-N-acetylamino-8-methyladenine
acyl	amino acid	CH ₃	S	2-N-acetylamino-8-methylhypoxanthine
H	acyl	CH ₃	S	6-Methylthymine
H	acyl	CH ₃	S	6-Methyluracil
H	acyl	CH ₃	S	8-Methylguanine
H	acyl	CH ₃	S	6-Methylcytosine
H	acyl	CH ₃	S	8-Methyladenine
H	acyl	CH ₃	S	8-Methylhypoxanthine
H	acyl	CH ₃	S	5-Fluoro-6-methylcytosine
H	acyl	CH ₃	S	5-Fluoro-6-methyluracil
H	acyl	CH ₃	S	2-Fluoro-8-methyladenine
H	acyl	CH ₃	S	2-Fluoro-8-methylhypoxanthine
H	acyl	CH ₃	S	2-amino-8-methyladenine
H	acyl	CH ₃	S	2-amino-8-methylhypoxanthine
H	acyl	CH ₃	S	2-N-acetyl-8-methylguanine
H	acyl	CH ₃	S	4-N-acetyl-8-methylcytosine
H	acyl	CH ₃	S	6-N-acetyl-8-methyladenine
H	acyl	CH ₃	S	4-N-acetyl-5-fluoro-8-methylcytosine
H	acyl	CH ₃	S	6-N-acetyl-2-fluoro-8-methyladenine
H	acyl	CH ₃	S	6-N-acetyl-2-amino-8-methyladenine
H	acyl	CH ₃	S	2-N-acetylamino-8-methyladenine
H	acyl	CH ₃	S	2-N-acetylamino-8-methylhypoxanthine
H	amino acid	CH ₃	S	6-Methylthymine
H	amino acid	CH ₃	S	6-Methyluracil
H	amino acid	CH ₃	S	8-Methylguanine
H	amino acid	CH ₃	S	6-Methylcytosine
H	amino acid	CH ₃	S	8-Methyladenine
H	amino acid	CH ₃	S	8-Methylhypoxanthine
H	amino acid	CH ₃	S	5-Fluoro-6-methylcytosine
H	amino acid	CH ₃	S	5-Fluoro-6-methyluracil
H	amino acid	CH ₃	S	2-Fluoro-8-methyladenine
H	amino acid	CH ₃	S	2-Fluoro-8-methylhypoxanthine
H	amino acid	CH ₃	S	2-amino-8-methyladenine
H	amino acid	CH ₃	S	2-amino-8-methylhypoxanthine
H	amino acid	CH ₃	S	2-N-acetyl-8-methylguanine
H	amino acid	CH ₃	S	4-N-acetyl-8-methylcytosine
H	amino acid	CH ₃	S	6-N-acetyl-8-methyladenine
H	amino acid	CH ₃	S	4-N-acetyl-5-fluoro-8-methylcytosine
H	amino acid	CH ₃	S	6-N-acetyl-2-fluoro-8-methyladenine
H	amino acid	CH ₃	S	6-N-acetyl-2-amino-8-methyladenine
H	amino acid	CH ₃	S	2-N-acetylamino-8-methyladenine
H	amino acid	CH ₃	S	2-N-acetylamino-8-methylhypoxanthine
amino acid	amino acid	CH ₃	S	6-Methylthymine
amino acid	amino acid	CH ₃	S	6-Methyluracil

TABLE 9-continued

	R ²	R ³	R ⁶	X	Base
5	amino acid	amino acid	CH ₃	S	8-Methylguanine
	amino acid	amino acid	CH ₃	S	6-Methylcytosine
	amino acid	amino acid	CH ₃	S	8-Methyladenine
	amino acid	amino acid	CH ₃	S	8-Methylhypoxanthine
	amino acid	amino acid	CH ₃	S	5-Fluoro-6-methylcytosine
10	amino acid	amino acid	CH ₃	S	5-Fluoro-6-methyluracil
	amino acid	amino acid	CH ₃	S	2-Fluoro-8-methyladenine
	amino acid	amino acid	CH ₃	S	2-Fluoro-8-methylhypoxanthine
	amino acid	amino acid	CH ₃	S	2-amino-8-methyladenine
	amino acid	amino acid	CH ₃	S	2-amino-8-methylhypoxanthine
15	amino acid	amino acid	CH ₃	S	2-N-acetyl-8-methylguanine
	amino acid	amino acid	CH ₃	S	4-N-acetyl-8-methylcytosine
	amino acid	amino acid	CH ₃	S	6-N-acetyl-8-methyladenine
	amino acid	amino acid	CH ₃	S	4-N-acetyl-5-fluoro-8-methylcytosine
	amino acid	amino acid	CH ₃	S	6-N-acetyl-2-fluoro-8-methyladenine
20	amino acid	amino acid	CH ₃	S	6-N-acetyl-2-amino-8-methyladenine
	amino acid	amino acid	CH ₃	S	2-N-acetylamino-8-methyladenine
	amino acid	amino acid	CH ₃	S	2-N-acetylamino-8-methylhypoxanthine
	amino acid	H	CH ₃	S	6-Methylthymine
	amino acid	H	CH ₃	S	6-Methyluracil
25	amino acid	H	CH ₃	S	8-Methylguanine
	amino acid	H	CH ₃	S	6-Methylcytosine
	amino acid	H	CH ₃	S	8-Methyladenine
	amino acid	H	CH ₃	S	8-Methylhypoxanthine
	amino acid	H	CH ₃	S	5-Fluoro-6-methylcytosine
30	amino acid	H	CH ₃	S	5-Fluoro-6-methyluracil
	amino acid	H	CH ₃	S	2-Fluoro-8-methyladenine
	amino acid	H	CH ₃	S	2-Fluoro-8-methylhypoxanthine
	amino acid	H	CH ₃	S	2-amino-8-methyladenine
	amino acid	H	CH ₃	S	2-amino-8-methylhypoxanthine
35	amino acid	H	CH ₃	S	2-N-acetyl-8-methylguanine
	amino acid	H	CH ₃	S	4-N-acetyl-8-methylcytosine
	amino acid	H	CH ₃	S	6-N-acetyl-8-methyladenine
	amino acid	H	CH ₃	S	4-N-acetyl-5-fluoro-8-methylcytosine
	amino acid	H	CH ₃	S	6-N-acetyl-2-fluoro-8-methyladenine
40	amino acid	H	CH ₃	S	6-N-acetyl-2-amino-8-methyladenine
	amino acid	H	CH ₃	S	2-N-acetylamino-8-methyladenine
	amino acid	H	CH ₃	S	2-N-acetylamino-8-methylhypoxanthine
	amino acid	acyl	CH ₃	S	6-Methylthymine
	amino acid	acyl	CH ₃	S	6-Methyluracil
45	amino acid	acyl	CH ₃	S	8-Methylguanine
	amino acid	acyl	CH ₃	S	6-Methylcytosine
	amino acid	acyl	CH ₃	S	8-Methyladenine
	amino acid	acyl	CH ₃	S	8-Methylhypoxanthine
	amino acid	acyl	CH ₃	S	5-Fluoro-6-methylcytosine
50	amino acid	acyl	CH ₃	S	5-Fluoro-6-methyluracil
	amino acid	acyl	CH ₃	S	2-Fluoro-8-methyladenine
	amino acid	acyl	CH ₃	S	2-Fluoro-8-methylhypoxanthine
	amino acid	acyl	CH ₃	S	2-amino-8-methyladenine
	amino acid	acyl	CH ₃	S	2-amino-8-methylhypoxanthine
55	amino acid	acyl	CH ₃	S	2-N-acetyl-8-methylguanine
	amino acid	acyl	CH ₃	S	4-N-acetyl-8-methylcytosine
	amino acid	acyl	CH ₃	S	6-N-acetyl-8-methyladenine
	amino acid	acyl	CH ₃	S	4-N-acetyl-5-fluoro-8-methylcytosine
	amino acid	acyl	CH ₃	S	6-N-acetyl-2-fluoro-8-methyladenine
60	amino acid	acyl	CH ₃	S	6-N-acetyl-2-amino-8-methyladenine
	amino acid	acyl	CH ₃	S	2-N-acetylamino-8-methyladenine
	amino acid	acyl	CH ₃	S	2-N-acetylamino-8-methylhypoxanthine
	acyl	H	CF ₃	S	6-Methylthymine
	acyl	H	CF ₃	S	6-Methyluracil
65	acyl	H	CF ₃	S	8-Methylguanine
	acyl	H	CF ₃	S	6-Methylcytosine

TABLE 9-continued

R ²	R ³	R ⁶	X	Base
acyl	H	CF ₃	S	8-Methyladenine
acyl	H	CF ₃	S	8-Methylhypoxanthine
acyl	H	CF ₃	S	5-Fluoro-6-methylcytosine
acyl	H	CF ₃	S	5-Fluoro-6-methyluracil
acyl	H	CF ₃	S	2-Fluoro-8-methyladenine
acyl	H	CF ₃	S	2-Fluoro-8-methylhypoxanthine
acyl	H	CF ₃	S	2-amino-8-methyladenine
acyl	H	CF ₃	S	2-amino-8-methylhypoxanthine
acyl	H	CF ₃	S	2-N-acetyl-8-methylguanine
acyl	H	CF ₃	S	4-N-acetyl-8-methylcytosine
acyl	H	CF ₃	S	6-N-acetyl-8-methyladenine
acyl	H	CF ₃	S	4-N-acetyl-5-fluoro-8-methylcytosine
acyl	H	CF ₃	S	6-N-acetyl-2-fluoro-8-methyladenine
acyl	H	CF ₃	S	6-N-acetyl-2-amino-8-methyladenine
acyl	H	CF ₃	S	2-N-acetylaminio-8-methyladenine
acyl	H	CF ₃	S	2-N-acetylaminio-8-methylhypoxanthine
acyl	acyl	CF ₃	S	6-Methylthymine
acyl	acyl	CF ₃	S	6-Methyluracil
acyl	acyl	CF ₃	S	8-Methylguanine
acyl	acyl	CF ₃	S	6-Methylcytosine
acyl	acyl	CF ₃	S	8-Methyladenine
acyl	acyl	CF ₃	S	8-Methylhypoxanthine
acyl	acyl	CF ₃	S	5-Fluoro-6-methylcytosine
acyl	acyl	CF ₃	S	5-Fluoro-6-methyluracil
acyl	acyl	CF ₃	S	2-Fluoro-8-methyladenine
acyl	acyl	CF ₃	S	2-Fluoro-8-methylhypoxanthine
acyl	acyl	CF ₃	S	2-amino-8-methyladenine
acyl	acyl	CF ₃	S	2-amino-8-methylhypoxanthine
acyl	acyl	CF ₃	S	2-N-acetyl-8-methylguanine
acyl	acyl	CF ₃	S	4-N-acetyl-8-methylcytosine
acyl	acyl	CF ₃	S	6-N-acetyl-8-methyladenine
acyl	acyl	CF ₃	S	4-N-acetyl-5-fluoro-8-methylcytosine
acyl	acyl	CF ₃	S	6-N-acetyl-2-fluoro-8-methyladenine
acyl	acyl	CF ₃	S	6-N-acetyl-2-amino-8-methyladenine
acyl	acyl	CF ₃	S	2-N-acetylaminio-8-methyladenine
acyl	acyl	CF ₃	S	2-N-acetylaminio-8-methylhypoxanthine
acyl	amino acid	CF ₃	S	6-Methylthymine
acyl	amino acid	CF ₃	S	6-Methyluracil
acyl	amino acid	CF ₃	S	8-Methylguanine
acyl	amino acid	CF ₃	S	6-Methylcytosine
acyl	amino acid	CF ₃	S	8-Methyladenine
acyl	amino acid	CF ₃	S	8-Methylhypoxanthine
acyl	amino acid	CF ₃	S	5-Fluoro-6-methylcytosine
acyl	amino acid	CF ₃	S	5-Fluoro-6-methyluracil
acyl	amino acid	CF ₃	S	2-Fluoro-8-methyladenine
acyl	amino acid	CF ₃	S	2-Fluoro-8-methylhypoxanthine
acyl	amino acid	CF ₃	S	2-amino-8-methyladenine
acyl	amino acid	CF ₃	S	2-amino-8-methylhypoxanthine
acyl	amino acid	CF ₃	S	2-N-acetyl-8-methylguanine
acyl	amino acid	CF ₃	S	4-N-acetyl-8-methylcytosine
acyl	amino acid	CF ₃	S	6-N-acetyl-8-methyladenine
acyl	amino acid	CF ₃	S	4-N-acetyl-5-fluoro-8-methylcytosine
acyl	amino acid	CF ₃	S	6-N-acetyl-2-fluoro-8-methyladenine
acyl	amino acid	CF ₃	S	6-N-acetyl-2-amino-8-methyladenine
acyl	amino acid	CF ₃	S	2-N-acetylaminio-8-methyladenine
acyl	amino acid	CF ₃	S	2-N-acetylaminio-8-methylhypoxanthine
H	acyl	CF ₃	S	6-Methylthymine
H	acyl	CF ₃	S	6-Methyluracil
H	acyl	CF ₃	S	8-Methylguanine
H	acyl	CF ₃	S	6-Methylcytosine
H	acyl	CF ₃	S	8-Methyladenine
H	acyl	CF ₃	S	8-Methylhypoxanthine
H	acyl	CF ₃	S	5-Fluoro-6-methylcytosine
H	acyl	CF ₃	S	5-Fluoro-6-methyluracil

TABLE 9-continued

R ²	R ³	R ⁶	X	Base	
5	H	acyl	CF ₃	S	5-Fluoro-6-methylcytosine
	H	acyl	CF ₃	S	5-Fluoro-6-methyluracil
	H	acyl	CF ₃	S	2-Fluoro-8-methyladenine
	H	acyl	CF ₃	S	2-Fluoro-8-methylhypoxanthine
	H	acyl	CF ₃	S	2-amino-8-methyladenine
10	H	acyl	CF ₃	S	2-amino-8-methylhypoxanthine
	H	acyl	CF ₃	S	2-N-acetyl-8-methylguanine
	H	acyl	CF ₃	S	4-N-acetyl-8-methylcytosine
	H	acyl	CF ₃	S	6-N-acetyl-8-methyladenine
	H	acyl	CF ₃	S	4-N-acetyl-5-fluoro-8-methylcytosine
15	H	acyl	CF ₃	S	6-N-acetyl-2-fluoro-8-methyladenine
	H	acyl	CF ₃	S	6-N-acetyl-2-amino-8-methyladenine
	H	acyl	CF ₃	S	2-N-acetylamino-8-methyladenine
	H	acyl	CF ₃	S	2-N-acetylamino-8-methylhypoxanthine
	H	acyl	CF ₃	S	6-Methylthymine
20	H	amino acid	CF ₃	S	6-Methyluracil
	H	amino acid	CF ₃	S	8-Methylguanine
	H	amino acid	CF ₃	S	6-Methylcytosine
	H	amino acid	CF ₃	S	8-Methyladenine
	H	amino acid	CF ₃	S	8-Methylhypoxanthine
25	H	amino acid	CF ₃	S	5-Fluoro-6-methylcytosine
	H	amino acid	CF ₃	S	5-Fluoro-6-methyluracil
	H	amino acid	CF ₃	S	2-Fluoro-8-methyladenine
	H	amino acid	CF ₃	S	2-Fluoro-8-methylhypoxanthine
	H	amino acid	CF ₃	S	2-amino-8-methyladenine
30	H	amino acid	CF ₃	S	2-amino-8-methylhypoxanthine
	H	amino acid	CF ₃	S	2-N-acetyl-8-methylguanine
	H	amino acid	CF ₃	S	4-N-acetyl-8-methylcytosine
	H	amino acid	CF ₃	S	6-N-acetyl-8-methyladenine
	H	amino acid	CF ₃	S	4-N-acetyl-5-fluoro-8-methylcytosine
35	H	amino acid	CF ₃	S	6-N-acetyl-2-fluoro-8-methyladenine
	H	amino acid	CF ₃	S	6-N-acetyl-2-amino-8-methyladenine
	H	amino acid	CF ₃	S	2-N-acetylamino-8-methyladenine
	H	amino acid	CF ₃	S	2-N-acetylamino-8-methylhypoxanthine
	H	amino acid	CF ₃	S	6-Methylthymine
40	amino acid	amino acid	CF ₃	S	6-Methyluracil
	amino acid	amino acid	CF ₃	S	8-Methylguanine
	amino acid	amino acid	CF ₃	S	6-Methylcytosine
	amino acid	amino acid	CF ₃	S	8-Methyladenine
	amino acid	amino acid	CF ₃	S	8-Methylhypoxanthine
45	amino acid	amino acid	CF ₃	S	5-Fluoro-6-methylcytosine
	amino acid	amino acid	CF ₃	S	5-Fluoro-6-methyluracil
	amino acid	amino acid	CF ₃	S	2-Fluoro-8-methyladenine
	amino acid	amino acid	CF ₃	S	2-Fluoro-8-methylhypoxanthine
	amino acid	amino acid	CF ₃	S	2-amino-8-methyladenine
50	amino acid	amino acid	CF ₃	S	2-amino-8-methylhypoxanthine
	amino acid	amino acid	CF ₃	S	2-N-acetyl-8-methylguanine
	amino acid	amino acid	CF ₃	S	4-N-acetyl-8-methylcytosine
	amino acid	amino acid	CF ₃	S	6-N-acetyl-8-methyladenine
	amino acid	amino acid	CF ₃	S	4-N-acetyl-5-fluoro-8-methylcytosine
55	amino acid	amino acid	CF ₃	S	6-N-acetyl-2-fluoro-8-methyladenine
	amino acid	amino acid	CF ₃	S	6-N-acetyl-2-amino-8-methyladenine
	amino acid	amino acid	CF ₃	S	2-N-acetylamino-8-methyladenine
	amino acid	amino acid	CF ₃	S	2-N-acetylamino-8-methylhypoxanthine
	amino acid	amino acid	CF ₃	S	6-Methylthymine
60	amino acid	H	CF ₃	S	6-Methyluracil
	amino acid	H	CF ₃	S	8-Methylguanine
	amino acid	H	CF ₃	S	6-Methylcytosine
	amino acid	H	CF ₃	S	8-Methyladenine
	amino acid	H	CF ₃	S	8-Methylhypoxanthine
65	amino acid	H	CF ₃	S	5-Fluoro-6-methylcytosine
	amino acid	H	CF ₃	S	5-Fluoro-6-methyluracil
	amino acid	H	CF ₃	S	

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TABLE 9-continued

R ²	R ³	R ⁶	X	Base
amino acid	H	CF ₃	S	2-Fluoro-8-methyladenine
amino acid	H	CF ₃	S	2-Fluoro-8-methylhypoxanthine
amino acid	H	CF ₃	S	2-amino-8-methyladenine
amino acid	H	CF ₃	S	2-amino-8-methylhypoxanthine
amino acid	H	CF ₃	S	2-N-acetyl-8-methylguanine
amino acid	H	CF ₃	S	4-N-acetyl-8-methylcytosine
amino acid	H	CF ₃	S	6-N-acetyl-8-methyladenine
amino acid	H	CF ₃	S	4-N-acetyl-5-fluoro-8-methylcytosine
amino acid	H	CF ₃	S	6-N-acetyl-2-fluoro-8-methyladenine
amino acid	H	CF ₃	S	6-N-acetyl-2-amino-8-methyladenine
amino acid	H	CF ₃	S	2-N-acetylaminio-8-methyladenine
amino acid	H	CF ₃	S	2-N-acetylaminio-8-methylhypoxanthine
amino acid	acyl	CF ₃	S	6-Methylthymine
amino acid	acyl	CF ₃	S	6-Methyluracil
amino acid	acyl	CF ₃	S	8-Methylguanine
amino acid	acyl	CF ₃	S	6-Methylcytosine
amino acid	acyl	CF ₃	S	8-Methyladenine
amino acid	acyl	CF ₃	S	8-Methylhypoxanthine
amino acid	acyl	CF ₃	S	5-Fluoro-6-methylcytosine
amino acid	acyl	CF ₃	S	5-Fluoro-6-methyluracil
amino acid	acyl	CF ₃	S	2-Fluoro-8-methyladenine
amino acid	acyl	CF ₃	S	2-Fluoro-8-methylhypoxanthine
amino acid	acyl	CF ₃	S	2-amino-8-methyladenine
amino acid	acyl	CF ₃	S	2-amino-8-methylhypoxanthine
amino acid	acyl	CF ₃	S	2-N-acetyl-8-methylguanine
amino acid	acyl	CF ₃	S	4-N-acetyl-8-methylcytosine
amino acid	acyl	CF ₃	S	6-N-acetyl-8-methyladenine
amino acid	acyl	CF ₃	S	4-N-acetyl-5-fluoro-8-methylcytosine
amino acid	acyl	CF ₃	S	6-N-acetyl-2-fluoro-8-methyladenine
amino acid	acyl	CF ₃	S	6-N-acetyl-2-amino-8-methyladenine
amino acid	acyl	CF ₃	S	2-N-acetylaminio-8-methyladenine
amino acid	acyl	CF ₃	S	2-N-acetylaminio-8-methylhypoxanthine

TABLE 10

R ²	R ⁶	X	Base
acyl	CH ₃	O	6-Methylthymine
acyl	CH ₃	O	6-Methyluracil
acyl	CH ₃	O	8-Methylguanine
acyl	CH ₃	O	6-Methylcytosine
acyl	CH ₃	O	8-Methyladenine
acyl	CH ₃	O	8-Methylhypoxanthine
acyl	CH ₃	O	5-Fluoro-6-methylcytosine
acyl	CH ₃	O	5-Fluoro-6-methyluracil
acyl	CH ₃	O	2-Fluoro-8-methyladenine
acyl	CH ₃	O	2-Fluoro-8-methylhypoxanthine
acyl	CH ₃	O	2-amino-8-methyladenine
acyl	CH ₃	O	2-amino-8-methylhypoxanthine
acyl	CH ₃	O	2-N-acetyl-8-methylguanine
acyl	CH ₃	O	4-N-acetyl-8-methylcytosine
acyl	CH ₃	O	6-N-acetyl-8-methyladenine
acyl	CH ₃	O	4-N-acetyl-5-fluoro-8-methylcytosine
acyl	CH ₃	O	6-N-acetyl-1,2-fluoro-8-methyladenine
acyl	CH ₃	O	6-N-acetyl-2-amino-8-methyladenine
acyl	CH ₃	O	2-N-acetyl-amino-8-methyladenine
acyl	CH ₃	O	2-N-acetyl-amino-8-methylhypoxanthine
amino acid	CH ₃	O	6-Methylthymine
amino acid	CH ₃	O	6-Methyluracil
amino acid	CH ₃	O	8-Methylguanine
amino acid	CH ₃	O	6-Methylcytosine
amino acid	CH ₃	O	8-Methyladenine
amino acid	CH ₃	O	8-Methylhypoxanthine
amino acid	CH ₃	O	5-Fluoro-6-methylcytosine

TABLE 10-continued

R ²	R ⁶	X	Base	
5	amino acid	CH ₃	O	5-Fluoro-6-methyluracil
	amino acid	CH ₃	O	2-Fluoro-8-methyladenine
	amino acid	CH ₃	O	2-Fluoro-8-methylhypoxanthine
	amino acid	CH ₃	O	2-amino-8-methyladenine
	amino acid	CH ₃	O	2-amino-8-methylhypoxanthine
10	amino acid	CH ₃	O	2-N-acetyl-8-methylguanine
	amino acid	CH ₃	O	4-N-acetyl-8-methylcytosine
	amino acid	CH ₃	O	6-N-acetyl-8-methyladenine
	amino acid	CH ₃	O	4-N-acetyl-5-fluoro-8-methylcytosine
	amino acid	CH ₃	O	6-N-acetyl-2-fluoro-8-methyladenine
15	amino acid	CH ₃	O	6-N-acetyl-2-amino-8-methyladenine
	amino acid	CH ₃	O	2-N-acetylamino-8-methyladenine
	amino acid	CH ₃	O	2-N-acetylamino-8-methylhypoxanthine
	acyl	CF ₃	O	6-Methylthymine
	acyl	CF ₃	O	6-Methyluracil
20	acyl	CF ₃	O	8-Methylguanine
	acyl	CF ₃	O	6-Methylcytosine
	acyl	CF ₃	O	8-Methyladenine
	acyl	CF ₃	O	8-Methylhypoxanthine
	acyl	CF ₃	O	5-Fluoro-6-methylcytosine
25	acyl	CF ₃	O	5-Fluoro-6-methyluracil
	acyl	CF ₃	O	2-Fluoro-8-methyladenine
	acyl	CF ₃	O	2-Fluoro-8-methylhypoxanthine
	acyl	CF ₃	O	2-amino-8-methyladenine
	acyl	CF ₃	O	2-amino-8-methylhypoxanthine
30	acyl	CF ₃	O	2-N-acetyl-8-methylguanine
	acyl	CF ₃	O	4-N-acetyl-8-methylcytosine
	acyl	CF ₃	O	6-N-acetyl-8-methyladenine
	acyl	CF ₃	O	4-N-acetyl-5-fluoro-8-methylcytosine
	acyl	CF ₃	O	6-N-acetyl-2-fluoro-8-methyladenine
35	acyl	CF ₃	O	6-N-acetyl-2-amino-8-methyladenine
	acyl	CF ₃	O	2-N-acetylamino-8-methyladenine
	acyl	CF ₃	O	2-N-acetylamino-8-methylhypoxanthine
	amino acid	CF ₃	O	6-Methylthymine
	amino acid	CF ₃	O	6-Methyluracil
40	amino acid	CF ₃	O	8-Methylguanine
	amino acid	CF ₃	O	6-Methylcytosine
	amino acid	CF ₃	O	8-Methyladenine
	amino acid	CF ₃	O	8-Methylhypoxanthine
	amino acid	CF ₃	O	5-Fluoro-6-methylcytosine
45	amino acid	CF ₃	O	5-Fluoro-6-methyluracil
	amino acid	CF ₃	O	2-Fluoro-8-methyladenine
	amino acid	CF ₃	O	2-Fluoro-8-methylhypoxanthine
	amino acid	CF ₃	O	2-amino-8-methyladenine
	amino acid	CF ₃	O	2-amino-8-methylhypoxanthine
50	amino acid	CF ₃	O	2-N-acetyl-8-methylguanine
	amino acid	CF ₃	O	4-N-acetyl-8-methylcytosine
	amino acid	CF ₃	O	6-N-acetyl-8-methyladenine
	amino acid	CF ₃	O	4-N-acetyl-5-fluoro-8-methylcytosine
	amino acid	CF ₃	O	6-N-acetyl-2-fluoro-8-methyladenine
55	amino acid	CF ₃	O	6-N-acetyl-2-amino-8-methyladenine
	amino acid	CF ₃	O	2-N-acetylamino-8-methyladenine
	amino acid	CF ₃	O	2-N-acetylamino-8-methylhypoxanthine
	acyl	CH ₃	S	6-Methylthymine
	acyl	CH ₃	S	6-Methyluracil
60	acyl	CH ₃	S	8-Methylguanine
	acyl	CH ₃	S	6-Methylcytosine
	acyl	CH ₃	S	8-Methyladenine
	acyl	CH ₃	S	8-Methylhypoxanthine
	acyl	CH ₃	S	5-Fluoro-6-methylcytosine
65	acyl	CH ₃	S	5-Fluoro-6-methyluracil
	acyl	CH ₃	S	2-Fluoro-8-methyladenine
	acyl	CH ₃	S	2-Fluoro-8-methylhypoxanthine
	acyl	CH ₃	S	2-amino-8-methyladenine
	acyl	CH ₃	S	2-amino-8-methylhypoxanthine
70	acyl	CH ₃	S	2-N-acetyl-8-methylguanine
	acyl	CH ₃	S	4-N-acetyl-8-methylcytosine
	acyl	CH ₃	S	6-N-acetyl-8-methyladenine
	acyl	CH ₃	S	4-N-acetyl-5-fluoro-8-methylcytosine
	acyl	CH ₃	S	6-N-acetyl-2-fluoro-8-methyladenine
75	acyl	CH ₃	S	6-N-acetyl-2-amino-8-methyladenine
	acyl	CH ₃	S	2-N-acetylamino-8-methyladenine
	acyl	CH ₃	S	2-N-acetylamino-8-methylhypoxanthine
	amino acid	CH ₃	S	6-Methylthymine
	amino acid	CH ₃	S	6-Methyluracil
80	amino acid	CH ₃	S	8-Methylguanine
	amino acid	CH ₃	S	6-Methylcytosine
	amino acid	CH ₃	S	8-Methyladenine
	amino acid	CH ₃	S	8-Methylhypoxanthine
	amino acid	CH ₃	S	5-Fluoro-6-methylcytosine
85	amino acid	CH ₃	S	5-Fluoro-6-methyluracil
	amino acid	CH ₃	S	2-Fluoro-8-methyladenine
	amino acid	CH ₃	S	2-Fluoro-8-methylhypoxanthine
	amino acid	CH ₃	S	2-amino-8-methyladenine
	amino acid	CH ₃	S	2-amino-8-methylhypoxanthine
90	amino acid	CH ₃	S	2-N-acetyl-8-methylguanine
	amino acid	CH ₃	S	4-N-acetyl-8-methylcytosine
	amino acid	CH ₃	S	6-N-acetyl-8-methyladenine
	amino acid	CH ₃	S	4-N-acetyl-5-fluoro-8-methylcytosine
	amino acid	CH ₃	S	6-N-acetyl-2-fluoro-8-methyladenine
95	amino acid	CH ₃	S	6-N-acetyl-2-amino-8-methyladenine
	amino acid	CH ₃	S	2-N-acetylamino-8-methyladenine
	amino acid	CH ₃	S	2-N-acetylamino-8-methylhypoxanthine
	acyl	CH ₃	S	6-Methylthymine
	acyl	CH ₃	S	6-Methyluracil
100	acyl	CH ₃	S	8-Methylguanine
	acyl	CH ₃	S	6-Methylcytosine
	acyl	CH ₃	S	8-Methyladenine
	acyl	CH ₃	S	8-Methylhypoxanthine
	acyl	CH ₃	S	5-Fluoro-6-methylcytosine
105	acyl	CH ₃	S	5-Fluoro-6-methyluracil
	acyl	CH ₃	S	2-Fluoro-8-methyladenine
	acyl	CH ₃	S	2-Fluoro-8-methylhypoxanthine
	acyl	CH ₃	S	2-amino-8-methyladenine
	acyl	CH ₃	S	2-amino-8-methylhypoxanthine
110	acyl	CH ₃	S	2-N-acetyl-8-methylguanine
	acyl	CH ₃	S	4-N-acetyl-8-methylcytosine
	acyl	CH ₃	S	6-N-acetyl-8-methyladenine
	acyl	CH ₃	S	4-N-acetyl-5-fluoro-8-methylcytosine
	acyl	CH ₃	S	6-N-acetyl-2-fluoro-8-methyladenine
115	acyl	CH ₃	S	6-N-acetyl-2-amino-8-methyladenine
	acyl	CH ₃	S	2-N-acetylamino-8-methyladenine
	acyl	CH ₃	S	2-N-acetylamino-8-methylhypoxanthine
	amino acid	CH ₃	S	6-Methylthymine
	amino acid	CH ₃	S	6-Methyluracil
120	amino acid	CH ₃	S	8-Methylguanine
	amino acid	CH ₃	S	6-Methylcytosine
	amino acid	CH ₃	S	8-Methyladenine
	amino acid	CH ₃	S	8-Methylhypoxanthine
	amino acid	CH ₃	S	5-Fluoro-6-methylcytosine
125	amino acid	CH ₃	S	5-Fluoro-6-methyluracil
	amino acid	CH ₃	S	2-Fluoro-8-methyladenine
	amino acid	CH ₃	S	2-Fluoro-8-methylhypoxanthine
	amino acid	CH ₃	S	2-amino-8-methyladenine
	amino acid	CH ₃	S	2-amino-8-methylhypoxanthine
130	amino acid	CH ₃	S	2-N-acetyl-8-methylguanine
	amino acid	CH ₃	S	4-N-acetyl-8-methylcytosine
	amino acid	CH ₃	S	6-N-acetyl-8-methyladenine
	amino acid	CH ₃	S	4-N-acetyl-5-fluoro-8-methylcytosine
	amino acid	CH ₃	S	6-N-acetyl-2-fluoro-8-methyladenine
135	amino acid	CH ₃	S	6-N-acetyl-2-amino-8-methyladenine
	amino acid	CH ₃	S	2-N-acetylamino-8-methyladenine
	amino acid	CH ₃	S	2-N-acetylamino-8-methylhypoxanthine
	acyl	CH ₃	S	6-Methylthymine
	acyl	CH ₃	S	6-Methyluracil
140	acyl	CH ₃	S	8-Methylguanine
	acyl	CH ₃	S	6-Methylcytosine
	acyl	CH ₃	S	8-Methyladenine
	acyl	CH ₃	S	8-Methylhypoxanthine
	acyl	CH ₃	S	5-Fluoro-6-methylcytosine
145	acyl	CH ₃	S	5-Fluoro-6-methyluracil
	acyl	CH ₃	S	2-Fluoro-8-methyladenine
	acyl	CH ₃	S	2-Fluoro-8-methylhypoxanthine
	acyl	CH ₃	S	2-amino-8-methyladenine
	acyl	CH ₃	S	2-amino-8-methylhypoxanthine
150	acyl	CH ₃	S	2-N-acetyl-8-methylguanine
	acyl	CH ₃	S	4-N-acetyl-8-methylcytosine
	acyl	CH ₃	S	6-N-acetyl-8-methyladenine
	acyl	CH ₃	S	4-N-acetyl-5-fluoro-8-methylcytosine
	acyl	CH ₃	S	6-N-acetyl-2-fluoro-8-methyladenine
155	acyl	CH ₃	S	6-N-acetyl-2-amino-8-methyladenine
	acyl	CH ₃	S	2-N-acetylamino-8-methyladenine
	acyl	CH ₃	S	2-N-acetylamino-8-methylhypoxanthine
	amino acid	CH ₃	S	6-Methylthymine
	amino acid	CH ₃	S	6-Methyluracil
160	amino acid	CH ₃	S	8-Methylguanine
	amino acid	CH ₃	S	6-Methylcytosine
	amino acid	CH ₃	S	8-Methyladenine
	amino acid	CH ₃	S	8-Methylhypoxanthine
	amino acid	CH ₃	S	5-Fluoro-6-methylcytosine
165	amino acid	CH ₃	S	5-Fluoro-6-methyluracil
	amino acid	CH ₃	S	2-Fluoro-8-methyladenine
	amino acid	CH ₃	S	2-Fluoro-8-methylhypoxanthine
	amino acid	CH ₃	S	2-amino-8-methyladenine
	amino acid	CH ₃	S	2-amino-8-methylhypoxanthine
170	amino acid	CH ₃	S	2-N-acetyl-8-methylguanine
	amino acid	CH ₃	S	4-N-acetyl-8-methylcytosine
	amino acid	CH ₃	S	6-N-acetyl-8-methyladenine
	amino acid	CH ₃	S	4-N-acetyl-5-fluoro-8-methylcytosine
	amino acid	CH ₃	S	6-N-acetyl-2-fluoro-8-methyladenine
175	amino acid	CH ₃	S	6-N-acetyl-2-amino-8-methyladenine
	amino acid	CH ₃	S	2-N-acetylamino-8-methyladenine
	amino acid	CH ₃	S	2-N-acetylamino-8-methylhypoxanthine
	acyl	CH ₃	S	6-Methylthymine
	acyl	CH ₃	S	6-Methyluracil
180	acyl	CH ₃	S	8-Methylguanine
	acyl	CH ₃	S	6-Methylcytosine
	acyl	CH ₃	S	8-Methyladenine
	acyl	CH ₃	S	8-Methylhypoxanthine
	acyl	CH ₃	S	5-Fluoro-6-methylcytosine
185	acyl	CH ₃	S	5-Fluoro-6-methyluracil
	acyl	CH ₃	S	2-Fluoro-8-methyladenine
	acyl	CH ₃	S	2-Fluoro-8-methylhypoxanthine
	acyl	CH ₃	S	2-amino-8-methyladenine
	acyl	CH ₃	S	2-amino-8-methylhypoxanthine
190	acyl	CH ₃	S	2-N-acetyl-8-methylguanine
	acyl	CH ₃	S	4-N-acetyl-8-methylcytosine
	acyl	CH ₃	S	6-N-acetyl-8-methyladenine
	acyl	CH ₃	S	4-N-acetyl-5-fluoro-8-methylcytosine
	acyl	CH ₃	S	6-N-acetyl-2-fluoro-8-methyladenine
195	acyl	CH ₃	S	6-N-acetyl-2-amino-8-methyladenine
	acyl	CH ₃	S	2-N-acetylamino-8-methyladenine
	acyl	CH ₃	S	2-N-acetylamino-8-methylhypoxanthine
	amino acid	CH ₃	S	6-Methylthymine
	amino acid	CH ₃	S	6-Methyluracil
200	amino acid	CH ₃	S	8-Methylguanine
	amino acid	CH ₃	S	6-Methylcytosine
	amino acid	CH ₃	S	8-Methyladenine
	amino acid	CH ₃	S	8-Methylhypoxanthine
	amino acid	CH ₃	S	5-Fluoro-6-methylcytosine
205	amino acid	CH ₃	S	5-Fluoro-6-methyluracil
	amino acid	CH ₃	S	2-Fluoro-8-methyladenine
	amino acid	CH ₃	S	2-Fluoro-8-methylhypoxanthine
	amino acid	CH ₃	S	2-amino-8-methyladenine
	amino acid	CH ₃	S	2-amino-8-methylhypoxanthine
210	amino acid	CH ₃	S	2-N-acetyl-8-methylguanine
	amino acid	CH ₃	S	4-N-acetyl-8-methylcytosine
	amino acid	CH ₃	S	6-N-acetyl-8-methyladenine
	amino acid	CH ₃	S	4-N-acetyl-5-fluoro-8-methylcytosine
	amino acid	CH ₃	S	6-N-acetyl-2-fluoro-8-methyladenine
215	amino acid	CH ₃	S	6-N-acetyl-2-amino-8-methyladenine
	amino acid	CH ₃	S	2-N-acetylamino-8-methyladenine
	amino acid	CH ₃	S	2-N-acetylamino-8-methylhypoxanthine
	acyl	CH ₃	S	6-Methylthymine
	acyl	CH ₃	S	6-Methyluracil
220	acyl	CH ₃	S	8-Methylguanine
	acyl	CH ₃	S	6-Methylcytosine
	acyl	CH ₃	S	8-Methyladenine
	acyl	CH ₃	S	8-Methylhypoxanthine
	acyl	CH ₃	S	5-Fluoro-6-methylcytosine
225	acyl	CH ₃	S	5-Fluoro-6-methyluracil
	acyl	CH ₃	S	2-Fluoro-8-methyladenine
	acyl	CH ₃	S	2-Fluoro-8-methylhypoxanthine
	acyl	CH ₃	S	2-amino-8-methyladenine
	acyl	CH ₃	S	2-amino-8-methylhypoxanthine
230	acyl	CH ₃	S	2-N-acetyl-8-methylguanine
	acyl	CH ₃	S	4-N-acetyl-8-methylcytosine
	acyl	CH ₃	S	6-N-acetyl-8-methyladenine
	acyl	CH ₃	S	4-N-acetyl-5-fluoro-8-methylcytosine
	acyl	CH ₃	S	6-N-acetyl-2-fluoro-8-methyladenine
235	acyl	CH ₃	S	6-N-acetyl-2-amino-8-methyladenine
	acyl	CH ₃	S	2-N-acetylamino-8-methyladenine
	acyl	CH ₃	S	2-N-acetylamino-8-methylhypoxanthine
	amino acid	CH ₃	S	6-Methylthymine
	amino acid	CH ₃	S	6-Methyluracil
240	amino acid	CH ₃	S	8-Methylguanine
	amino acid	CH ₃	S	6-Methylcytosine
	amino acid	CH ₃	S	8-Methyladenine
	amino acid	CH ₃	S	8-Methylhypoxanthine
	amino acid	CH ₃	S	5-Fluoro-6-methylcytosine
245	amino acid	CH ₃	S	5-Fluoro-6-methyluracil
	amino acid	CH ₃	S	2-Fluoro-8-methyladenine
	amino acid	CH ₃	S	2-Fluoro-8-methylhypoxanthine
	amino acid	CH ₃	S	2-amino-8-methyladenine
	amino acid	CH ₃	S	2-amino-8-methylhypoxanthine
250	amino acid	CH ₃	S	2-N-acetyl-8-methylguanine
	amino acid	CH ₃	S	4-N-acetyl-8-methylcytosine
	amino acid	CH ₃	S	6-N-acetyl-8-methyladenine
	amino acid	CH ₃	S	4-N-acetyl-5-fluoro-8-methylcytosine
	amino acid	CH ₃	S	6-N-acetyl-2-fluoro-8-methyladenine
255	amino acid	CH ₃	S	6-N-acetyl-2-amino-8-methyladenine
	amino acid	CH ₃	S	2-N-acetylamino-8-methyladenine
	amino acid	CH ₃	S	2-N-acetylamino-8-methylhypoxanthine
	acyl	CH ₃	S	6-Methylthymine
	acyl	CH ₃	S	6-Methyluracil
260	acyl	CH ₃	S	8-Methylguanine
	acyl	CH ₃	S	6-Methylcytosine
	acyl	CH ₃	S	8-Methyladenine
	acyl	CH ₃	S	8-Methylhypoxanthine
	acyl	CH ₃	S	5-Fluoro-6-methylcytosine
265	acyl	CH ₃	S	5-Fluoro-6-methyluracil
	acyl	CH ₃	S	2-Fluoro-8-methyladenine
	acyl	CH ₃	S	2-Fluoro-8-methylhypoxanthine
	acyl	CH ₃	S	2-amino-8-methyladenine
	acyl	CH ₃	S	2-amino-8-methylhypoxanthine
270	acyl	CH ₃	S	2-N-acetyl-8-methylguanine
	acyl	CH ₃	S	4-N-acetyl-8-methylcytosine
	acyl	CH ₃	S	6-N-acetyl-8-methyladenine
	acyl	CH ₃	S	4-N-acetyl-5-fluoro-8-methylcy

TABLE 10-continued

R ²	R ⁶	X	Base
amino acid	CH ₃	S	8-Methyladenine
amino acid	CH ₃	S	8-Methylhypoxanthine
amino acid	CH ₃	S	5-Fluoro-6-methylcytosine
amino acid	CH ₃	S	5-Fluoro-6-methyluracil
amino acid	CH ₃	S	2-Fluoro-8-methyladenine
amino acid	CH ₃	S	2-Fluoro-8-methylhypoxanthine
amino acid	CH ₃	S	2-amino-8-methyladenine
amino acid	CH ₃	S	2-amino-8-methylhypoxanthine
amino acid	CH ₃	S	2-N-acetyl-8-methylguanine
amino acid	CH ₃	S	4-N-acetyl-8-methylcytosine
amino acid	CH ₃	S	6-N-acetyl-8-methyladenine
amino acid	CH ₃	S	4-N-acetyl-5-fluoro-8-methylcytosine
amino acid	CH ₃	S	6-N-acetyl-2-fluoro-8-methyladenine
amino acid	CH ₃	S	6-N-acetyl-2-amino-8-methyladenine
amino acid	CH ₃	S	2-N-acetyl-amino-8-methyladenine
amino acid	CH ₃	S	2-N-acetyl-amino-8-methylhypoxanthine
acyl	CF ₃	S	6-Methylthymine
acyl	CF ₃	S	6-Methyluracil
acyl	CF ₃	S	8-Methylguanine
acyl	CF ₃	S	6-Methylcytosine
acyl	CF ₃	S	8-Methyladenine
acyl	CF ₃	S	8-Methylhypoxanthine
acyl	CF ₃	S	5-Fluoro-6-methylcytosine
acyl	CF ₃	S	5-Fluoro-6-methyluracil
acyl	CF ₃	S	2-Fluoro-8-methyladenine
acyl	CF ₃	S	2-Fluoro-8-methylhypoxanthine
acyl	CF ₃	S	2-amino-8-methyladenine
acyl	CF ₃	S	2-amino-8-methylhypoxanthine
acyl	CF ₃	S	2-N-acetyl-8-methylguanine
acyl	CF ₃	S	4-N-acetyl-8-methylcytosine
acyl	CF ₃	S	6-N-acetyl-8-methyladenine
acyl	CF ₃	S	4-N-acetyl-5-fluoro-8-methylcytosine
acyl	CF ₃	S	6-N-acetyl-2-fluoro-8-methyladenine
acyl	CF ₃	S	6-N-acetyl-2-amino-8-methyladenine
acyl	CF ₃	S	2-N-acetyl-amino-8-methyladenine
acyl	CF ₃	S	2-N-acetyl-amino-8-methylhypoxanthine
amino acid	CF ₃	S	6-Methylthymine
amino acid	CF ₃	S	6-Methyluracil
amino acid	CF ₃	S	8-Methylguanine
amino acid	CF ₃	S	6-Methylcytosine
amino acid	CF ₃	S	8-Methyladenine
amino acid	CF ₃	S	8-Methylhypoxanthine
amino acid	CF ₃	S	5-Fluoro-6-methylcytosine
amino acid	CF ₃	S	5-Fluoro-6-methyluracil
amino acid	CF ₃	S	2-Fluoro-8-methyladenine
amino acid	CF ₃	S	2-Fluoro-8-methylhypoxanthine
amino acid	CF ₃	S	2-amino-8-methyladenine
amino acid	CF ₃	S	2-amino-8-methylhypoxanthine
amino acid	CF ₃	S	2-N-acetyl-8-methylguanine
amino acid	CF ₃	S	4-N-acetyl-8-methylcytosine
amino acid	CF ₃	S	6-N-acetyl-8-methyladenine
amino acid	CF ₃	S	4-N-acetyl-5-fluoro-8-methylcytosine
amino acid	CF ₃	S	6-N-acetyl-2-fluoro-8-methyladenine
amino acid	CF ₃	S	2-N-acetyl-amino-8-methyladenine
amino acid	CF ₃	S	2-N-acetyl-amino-8-methylhypoxanthine

TABLE 11

R ²	R ⁶	X	Base
acyl	CH ₃	O	6-Methylthymine
acyl	CH ₃	O	6-Methyluracil
acyl	CH ₃	O	8-Methylguanine
acyl	CH ₃	O	6-Methylcytosine
acyl	CH ₃	O	8-Methyladenine
acyl	CH ₃	O	8-Methylhypoxanthine
acyl	CH ₃	O	5-Fluoro-6-methylcytosine
acyl	CH ₃	O	5-Fluoro-6-methyluracil
acyl	CH ₃	O	2-Fluoro-8-methyladenine
acyl	CH ₃	O	2-Fluoro-8-methylhypoxanthine
acyl	CH ₃	O	2-amino-8-methyladenine
acyl	CH ₃	O	2-amino-8-methylhypoxanthine
acyl	CH ₃	O	2-N-acetyl-8-methylguanine

TABLE 11-continued

R ²	R ⁶	X	Base		
5	acyl	CH ₃	O	4-N-acetyl-8-methylcytosine	
	acyl	CH ₃	O	6-N-acetyl-8-methyladenine	
	acyl	CH ₃	O	4-N-acetyl-5-fluoro-8-methylcytosine	
	acyl	CH ₃	O	6-N-acetyl-2-fluoro-8-methyladenine	
	acyl	CH ₃	O	6-N-acetyl-2-amino-8-methyladenine	
10	acyl	CH ₃	O	2-N-acetyl-amino-8-methyladenine	
	acyl	CH ₃	O	2-N-acetyl-amino-8-methylhypoxanthine	
	amino acid	CH ₃	O	6-Methylthymine	
	amino acid	CH ₃	O	6-Methyluracil	
	amino acid	CH ₃	O	8-Methylguanine	
	amino acid	CH ₃	O	6-Methylcytosine	
	amino acid	CH ₃	O	8-Methyladenine	
	15	amino acid	CH ₃	O	8-Methylhypoxanthine
		amino acid	CH ₃	O	5-Fluoro-6-methylcytosine
		amino acid	CH ₃	O	5-Fluoro-6-methyluracil
amino acid		CH ₃	O	2-Fluoro-8-methyladenine	
amino acid		CH ₃	O	2-Fluoro-8-methylhypoxanthine	
	amino acid	CH ₃	O	2-amino-8-methyladenine	
	amino acid	CH ₃	O	2-amino-8-methylhypoxanthine	
	20	amino acid	CH ₃	O	2-N-acetyl-8-methylguanine
		amino acid	CH ₃	O	4-N-acetyl-8-methylcytosine
		amino acid	CH ₃	O	6-N-acetyl-8-methyladenine
amino acid		CH ₃	O	4-N-acetyl-5-fluoro-8-methylcytosine	
amino acid		CH ₃	O	6-N-acetyl-2-fluoro-8-methyladenine	
	amino acid	CH ₃	O	6-N-acetyl-2-amino-8-methyladenine	
	amino acid	CH ₃	O	2-N-acetyl-amino-8-methylhypoxanthine	
	acyl	CF ₃	O	6-Methylthymine	
	acyl	CF ₃	O	6-Methyluracil	
	acyl	CF ₃	O	8-Methylguanine	
	acyl	CF ₃	O	6-Methylcytosine	
	acyl	CF ₃	O	8-Methyladenine	
	30	acyl	CF ₃	O	8-Methylhypoxanthine
		acyl	CF ₃	O	5-Fluoro-6-methylcytosine
		acyl	CF ₃	O	5-Fluoro-6-methyluracil
acyl		CF ₃	O	2-Fluoro-8-methyladenine	
acyl		CF ₃	O	2-Fluoro-8-methylhypoxanthine	
	acyl	CF ₃	O	2-amino-8-methyladenine	
	acyl	CF ₃	O	2-amino-8-methylhypoxanthine	
	35	acyl	CF ₃	O	2-N-acetyl-8-methylguanine
		acyl	CF ₃	O	4-N-acetyl-8-methylcytosine
		acyl	CF ₃	O	6-N-acetyl-8-methyladenine
acyl		CF ₃	O	4-N-acetyl-5-fluoro-8-methylcytosine	
acyl		CF ₃	O	6-N-acetyl-2-fluoro-8-methyladenine	
	acyl	CF ₃	O	6-N-acetyl-2-amino-8-methyladenine	
	acyl	CF ₃	O	2-N-acetyl-amino-8-methyladenine	
	acyl	CF ₃	O	2-N-acetyl-amino-8-methylhypoxanthine	
	amino acid	CF ₃	O	6-Methylthymine	
	amino acid	CF ₃	O	6-Methyluracil	
	amino acid	CF ₃	O	8-Methylguanine	
	amino acid	CF ₃	O	6-Methylcytosine	
	amino acid	CF ₃	O	8-Methyladenine	
	45	amino acid	CF ₃	O	8-Methylhypoxanthine
		amino acid	CF ₃	O	5-Fluoro-6-methylcytosine
amino acid		CF ₃	O	5-Fluoro-6-methyluracil	
amino acid		CF ₃	O	2-Fluoro-8-methyladenine	
amino acid		CF ₃	O	2-Fluoro-8-methylhypoxanthine	
	amino acid	CF ₃	O	2-amino-8-methyladenine	
	amino acid	CF ₃	O	2-amino-8-methylhypoxanthine	
	50	amino acid	CF ₃	O	2-N-acetyl-8-methylguanine
		amino acid	CF ₃	O	4-N-acetyl-8-methylcytosine
		amino acid	CF ₃	O	6-N-acetyl-8-methyladenine
amino acid		CF ₃	O	4-N-acetyl-5-fluoro-8-methylcytosine	
amino acid		CF ₃	O	6-N-acetyl-2-fluoro-8-methyladenine	
	amino acid	CF ₃	O	6-N-acetyl-2-amino-8-methyladenine	
	amino acid	CF ₃	O	2-N-acetyl-amino-8-methyladenine	
	amino acid	CF ₃	O	2-N-acetyl-amino-8-methylhypoxanthine	
	acyl	CH ₃	S	6-Methylthymine	
	acyl	CH ₃	S	6-Methyluracil	
	acyl	CH ₃	S	8-Methylguanine	
	acyl	CH ₃	S	6-Methylcytosine	
	acyl	CH ₃	S	8-Methyladenine	
	60	acyl	CH ₃	S	8-Methylhypoxanthine
		acyl	CH ₃	S	5-Fluoro-6-methylcytosine
acyl		CH ₃	S	5-Fluoro-6-methyluracil	
acyl		CH ₃	S	2-Fluoro-8-methyladenine	
acyl		CH ₃	S	2-Fluoro-8-methylhypoxanthine	

TABLE 11-continued

R ²	R ⁶	X	Base
acyl	CH ₃	S	2-amino-8-methyladenine
acyl	CH ₃	S	2-amino-8-methylhypoxanthine
acyl	CH ₃	S	2-N-acetyl-8-methylguanine
acyl	CH ₃	S	4-N-acetyl-8-methylcytosine
acyl	CH ₃	S	6-N-acetyl-8-methyladenine
acyl	CH ₃	S	4-N-acetyl-5-fluoro-8-methylcytosine
acyl	CH ₃	S	6-N-acetyl-2-fluoro-8-methyladenine
acyl	CH ₃	S	6-N-acetyl-2-amino-8-methyladenine
acyl	CH ₃	S	2-N-acetyl-8-methyladenine
acyl	CH ₃	S	2-N-acetyl-8-methylhypoxanthine
amino acid	CH ₃	S	6-Methylthymine
amino acid	CH ₃	S	6-Methyluracil
amino acid	CH ₃	S	8-Methylguanine
amino acid	CH ₃	S	6-Methylcytosine
amino acid	CH ₃	S	8-Methyladenine
amino acid	CH ₃	S	8-Methylhypoxanthine
amino acid	CH ₃	S	5-Fluoro-6-methylcytosine
amino acid	CH ₃	S	5-Fluoro-6-methyluracil
amino acid	CH ₃	S	2-Fluoro-8-methyladenine
amino acid	CH ₃	S	2-Fluoro-8-methylhypoxanthine
amino acid	CH ₃	S	2-amino-8-methyladenine
amino acid	CH ₃	S	2-amino-8-methylhypoxanthine
amino acid	CH ₃	S	2-N-acetyl-8-methylguanine
amino acid	CH ₃	S	4-N-acetyl-8-methylcytosine
amino acid	CH ₃	S	6-N-acetyl-8-methyladenine
amino acid	CH ₃	S	4-N-acetyl-5-fluoro-8-methylcytosine
amino acid	CH ₃	S	6-N-acetyl-2-fluoro-8-methyladenine
amino acid	CH ₃	S	6-N-acetyl-2-amino-8-methyladenine
amino acid	CH ₃	S	2-N-acetyl-8-methyladenine
amino acid	CH ₃	S	2-N-acetyl-8-methylhypoxanthine
acyl	CF ₃	S	6-Methylthymine
acyl	CF ₃	S	6-Methyluracil
acyl	CF ₃	S	8-Methylguanine
acyl	CF ₃	S	6-Methylcytosine
acyl	CF ₃	S	8-Methyladenine
acyl	CF ₃	S	8-Methylhypoxanthine

TABLE 11-continued

R ²	R ⁶	X	Base	
5	acyl	CF ₃	S	5-Fluoro-6-methylcytosine
	acyl	CF ₃	S	5-Fluoro-6-methyluracil
	acyl	CF ₃	S	2-Fluoro-8-methyladenine
	acyl	CF ₃	S	2-Fluoro-8-methylhypoxanthine
	acyl	CF ₃	S	2-amino-8-methyladenine
10	acyl	CF ₃	S	2-amino-8-methylhypoxanthine
	acyl	CF ₃	S	2-N-acetyl-8-methylguanine
	acyl	CF ₃	S	4-N-acetyl-8-methylcytosine
	acyl	CF ₃	S	6-N-acetyl-8-methyladenine
	acyl	CF ₃	S	4-N-acetyl-5-fluoro-8-methylcytosine
	acyl	CF ₃	S	6-N-acetyl-2-fluoro-8-methyladenine
	acyl	CF ₃	S	6-N-acetyl-2-amino-8-methyladenine
	acyl	CF ₃	S	2-N-acetyl-amino-8-methyladenine
	acyl	CF ₃	S	2-N-acetyl-amino-8-methylhypoxanthine
	amino acid	CF ₃	S	6-Methylthymine
	amino acid	CF ₃	S	6-Methyluracil
	amino acid	CF ₃	S	8-Methylguanine
	amino acid	CF ₃	S	6-Methylcytosine
	amino acid	CF ₃	S	8-Methyladenine
	amino acid	CF ₃	S	8-Methylhypoxanthine
20	amino acid	CF ₃	S	5-Fluoro-6-methylcytosine
	amino acid	CF ₃	S	5-Fluoro-6-methyluracil
	amino acid	CF ₃	S	2-Fluoro-8-methyladenine
	amino acid	CF ₃	S	2-Fluoro-8-methylhypoxanthine
	amino acid	CF ₃	S	2-amino-8-methyladenine
25	amino acid	CF ₃	S	2-amino-8-methylhypoxanthine
	amino acid	CF ₃	S	2-N-acetyl-8-methylguanine
	amino acid	CF ₃	S	4-N-acetyl-8-methylcytosine
	amino acid	CF ₃	S	6-N-acetyl-8-methyladenine
	amino acid	CF ₃	S	4-N-acetyl-5-fluoro-8-methylcytosine
30	amino acid	CF ₃	S	6-N-acetyl-2-fluoro-8-methyladenine
	amino acid	CF ₃	S	6-N-acetyl-2-amino-8-methyladenine
	amino acid	CF ₃	S	2-N-acetyl-amino-8-methyladenine
	amino acid	CF ₃	S	2-N-acetyl-amino-8-methylhypoxanthine

TABLE 12

R ⁶	R ⁷	X	Base	R ¹⁰	R ⁹
CH ₃	O-acyl	O	6-Methylthymine	F	H
CH ₃	O-acyl	O	6-Methyluracil	F	H
CH ₃	O-acyl	O	8-Methylguanine	F	H
CH ₃	O-acyl	O	6-Methylcytosine	F	H
CH ₃	O-acyl	O	8-Methyladenine	F	H
CH ₃	O-acyl	O	8-Methylhypoxanthine	F	H
CH ₃	O-acyl	O	5-Fluoro-6-Methyluracil	F	H
CH ₃	O-acyl	O	5-Fluoro-6-Methylcytosine	F	H
CH ₃	O-acyl	O	2-Fluoro-8-methyladenine	F	H
CH ₃	O-acyl	O	2-Fluoro-8-methylhypoxanthine	F	H
CH ₃	O-acyl	O	2-Amino-8-methyladenine	F	H
CH ₃	O-acyl	O	2-Amino-8-methylhypoxanthine	F	H
CH ₃	O-acyl	O	2-N-acetyl-8-methylguanine	F	H
CH ₃	O-acyl	O	4-N-acetyl-8-methylcytosine	F	H
CH ₃	O-acyl	O	6-N-acetyl-8-methyladenine	F	H
CH ₃	O-acyl	O	4-N-acetyl-5-fluoro-8-methylcytosine	F	H
CH ₃	O-acyl	O	6-N-acetyl-2-fluoro-8-methyladenine	F	H
CH ₃	O-acyl	O	6-N-acetyl-2-amino-8-methyladenine	F	H
CH ₃	O-acyl	O	2-N-acetyl-8-methyladenine	F	H
CH ₃	O-acyl	O	2-N-acetyl-8-methylhypoxanthine	F	H
CH ₃	O-acyl	O	6-Methylthymine	F	O-amino acid
CH ₃	O-acyl	O	6-Methyluracil	F	O-amino acid
CH ₃	O-acyl	O	8-Methylguanine	F	O-amino acid
CH ₃	O-acyl	O	6-Methylcytosine	F	O-amino acid
CH ₃	O-acyl	O	8-Methyladenine	F	O-amino acid
CH ₃	O-acyl	O	8-Methylhypoxanthine	F	O-amino acid
CH ₃	O-acyl	O	5-Fluoro-6-Methyluracil	F	O-amino acid
CH ₃	O-acyl	O	5-Fluoro-6-Methylcytosine	F	O-amino acid
CH ₃	O-acyl	O	2-Fluoro-8-methyladenine	F	O-amino acid
CH ₃	O-acyl	O	2-Fluoro-8-methylhypoxanthine	F	O-amino acid
CH ₃	O-acyl	O	2-Amino-8-methyladenine	F	O-amino acid
CH ₃	O-acyl	O	2-Amino-8-methylhypoxanthine	F	O-amino acid
CH ₃	O-acyl	O	2-N-acetyl-8-methylguanine	F	O-amino acid

TABLE 12-continued

R ⁶	R ⁷	X	Base	R ¹⁰	R ⁹
CH ₃	O-acyl	O	4-N-acetyl-8-methylcytosine	F	O-amino acid
CH ₃	O-acyl	O	6-N-acetyl-8-methyladenine	F	O-amino acid
CH ₃	O-acyl	O	4-N-acetyl-5-fluoro-8-methylcytosine	F	O-amino acid
CH ₃	O-acyl	O	6-N-acetyl-2-fluoro-8-methyladenine	F	O-amino acid
CH ₃	O-acyl	O	6-N-acetyl-2-amino-8-methyladenine	F	O-amino acid
CH ₃	O-acyl	O	2-N-acetyl-amino-8-methyladenine	F	O-amino acid
CH ₃	O-acyl	O	2-N-acetyl-amino-8-methylhypoxanthine	F	O-amino acid
CH ₃	O-acyl	O	6-Methylthymine	F	O-acyl
CH ₃	O-acyl	O	6-Methyluracil	F	O-acyl
CH ₃	O-acyl	O	8-Methylguanine	F	O-acyl
CH ₃	O-acyl	O	6-Methylcytosine	F	O-acyl
CH ₃	O-acyl	O	8-Methyladenine	F	O-acyl
CH ₃	O-acyl	O	8-Methylhypoxanthine	F	O-acyl
CH ₃	O-acyl	O	5-Fluoro-6-Methyluracil	F	O-acyl
CH ₃	O-acyl	O	5-Fluoro-6-Methylcytosine	F	O-acyl
CH ₃	O-acyl	O	2-Fluoro-8-methyladenine	F	O-acyl
CH ₃	O-acyl	O	2-Fluoro-8-methylhypoxanthine	F	O-acyl
CH ₃	O-acyl	O	2-Amino-8-methyladenine	F	O-acyl
CH ₃	O-acyl	O	2-Amino-8-methylhypoxanthine	F	O-acyl
CH ₃	O-acyl	O	2-N-acetyl-8-methylguanine	F	O-acyl
CH ₃	O-acyl	O	4-N-acetyl-8-methylcytosine	F	O-acyl
CH ₃	O-acyl	O	6-N-acetyl-8-methyladenine	F	O-acyl
CH ₃	O-acyl	O	4-N-acetyl-5-fluoro-8-methylcytosine	F	O-acyl
CH ₃	O-acyl	O	6-N-acetyl-2-fluoro-8-methyladenine	F	O-acyl
CH ₃	O-acyl	O	6-N-acetyl-2-amino-8-methyladenine	F	O-acyl
CH ₃	O-acyl	O	2-N-acetyl-amino-8-methyladenine	F	O-acyl
CH ₃	O-acyl	O	2-N-acetyl-amino-8-methylhypoxanthine	F	O-acyl
CH ₃	O-acyl	O	6-Methylthymine	F	OH
CH ₃	O-acyl	O	6-Methyluracil	F	OH
CH ₃	O-acyl	O	8-Methylguanine	F	OH
CH ₃	O-acyl	O	6-Methylcytosine	F	OH
CH ₃	O-acyl	O	8-Methyladenine	F	OH
CH ₃	O-acyl	O	8-Methylhypoxanthine	F	OH
CH ₃	O-acyl	O	5-Fluoro-6-Methyluracil	F	OH
CH ₃	O-acyl	O	5-Fluoro-6-Methylcytosine	F	OH
CH ₃	O-acyl	O	2-Fluoro-8-methyladenine	F	OH
CH ₃	O-acyl	O	2-Fluoro-8-methylhypoxanthine	F	OH
CH ₃	O-acyl	O	2-Amino-8-methyladenine	F	OH
CH ₃	O-acyl	O	2-Amino-8-methylhypoxanthine	F	OH
CH ₃	O-acyl	O	2-N-acetyl-8-methylguanine	F	OH
CH ₃	O-acyl	O	4-N-acetyl-8-methylcytosine	F	OH
CH ₃	O-acyl	O	6-N-acetyl-8-methyladenine	F	OH
CH ₃	O-acyl	O	4-N-acetyl-5-fluoro-8-methylcytosine	F	OH
CH ₃	O-acyl	O	6-N-acetyl-2-fluoro-8-methyladenine	F	OH
CH ₃	O-acyl	O	6-N-acetyl-2-amino-8-methyladenine	F	OH
CH ₃	O-acyl	O	2-N-acetyl-amino-8-methyladenine	F	OH
CH ₃	O-acyl	O	2-N-acetyl-amino-8-methylhypoxanthine	F	OH
CH ₃	O-acyl	O	6-Methylthymine	Br	H
CH ₃	O-acyl	O	6-Methyluracil	Br	H
CH ₃	O-acyl	O	8-Methylguanine	Br	H
CH ₃	O-acyl	O	6-Methylcytosine	Br	H
CH ₃	O-acyl	O	8-Methyladenine	Br	H
CH ₃	O-acyl	O	8-Methylhypoxanthine	Br	H
CH ₃	O-acyl	O	5-Fluoro-6-Methyluracil	Br	H
CH ₃	O-acyl	O	5-Fluoro-6-Methylcytosine	Br	H
CH ₃	O-acyl	O	2-Fluoro-8-methyladenine	Br	H
CH ₃	O-acyl	O	2-Fluoro-8-methylhypoxanthine	Br	H
CH ₃	O-acyl	O	2-Amino-8-methyladenine	Br	H
CH ₃	O-acyl	O	2-Amino-8-methylhypoxanthine	Br	H
CH ₃	O-acyl	O	2-N-acetyl-8-methylguanine	Br	H
CH ₃	O-acyl	O	4-N-acetyl-8-methylcytosine	Br	H
CH ₃	O-acyl	O	6-N-acetyl-8-methyladenine	Br	H
CH ₃	O-acyl	O	4-N-acetyl-5-fluoro-8-methylcytosine	Br	H
CH ₃	O-acyl	O	6-N-acetyl-2-fluoro-8-methyladenine	Br	H
CH ₃	O-acyl	O	6-N-acetyl-2-amino-8-methyladenine	Br	H
CH ₃	O-acyl	O	2-N-acetyl-amino-8-methyladenine	Br	H
CH ₃	O-acyl	O	2-N-acetyl-amino-8-methylhypoxanthine	Br	H
CH ₃	O-acyl	O	6-Methylthymine	Br	O-amino acid
CH ₃	O-acyl	O	6-Methyluracil	Br	O-amino acid
CH ₃	O-acyl	O	8-Methylguanine	Br	O-amino acid
CH ₃	O-acyl	O	6-Methylcytosine	Br	O-amino acid
CH ₃	O-acyl	O	8-Methyladenine	Br	O-amino acid
CH ₃	O-acyl	O	8-Methylhypoxanthine	Br	O-amino acid
CH ₃	O-acyl	O	5-Fluoro-6-Methyluracil	Br	O-amino acid
CH ₃	O-acyl	O	5-Fluoro-6-Methylcytosine	Br	O-amino acid
CH ₃	O-acyl	O	2-Fluoro-8-methyladenine	Br	O-amino acid
CH ₃	O-acyl	O	2-Fluoro-8-methylhypoxanthine	Br	O-amino acid

TABLE 12-continued

R ⁶	R ⁷	X	Base	R ¹⁰	R ⁹
CH ₃	O-acyl	O	2-Amino-8-methyladenine	Br	O-amino acid
CH ₃	O-acyl	O	2-Amino-8-methylhypoxanthine	Br	O-amino acid
CH ₃	O-acyl	O	2-N-acetyl-8-methylguanine	Br	O-amino acid
CH ₃	O-acyl	O	4-N-acetyl-8-methylcytosine	Br	O-amino acid
CH ₃	O-acyl	O	6-N-acetyl-8-methyladenine	Br	O-amino acid
CH ₃	O-acyl	O	4-N-acetyl-5-fluoro-8-methylcytosine	Br	O-amino acid
CH ₃	O-acyl	O	6-N-acetyl-2-fluoro-8-methyladenine	Br	O-amino acid
CH ₃	O-acyl	O	6-N-acetyl-2-amino-8-methyladenine	Br	O-amino acid
CH ₃	O-acyl	O	2-N-acetyl-amino-8-methyladenine	Br	O-amino acid
CH ₃	O-acyl	O	2-N-acetyl-amino-8-methylhypoxanthine	Br	O-amino acid
CH ₃	O-acyl	O	6-Methylthymine	Br	O-acyl
CH ₃	O-acyl	O	6-Methyluracil	Br	O-acyl
CH ₃	O-acyl	O	8-Methylguanine	Br	O-acyl
CH ₃	O-acyl	O	6-Methylcytosine	Br	O-acyl
CH ₃	O-acyl	O	8-Methyladenine	Br	O-acyl
CH ₃	O-acyl	O	8-Methylhypoxanthine	Br	O-acyl
CH ₃	O-acyl	O	5-Fluoro-6-Methyluracil	Br	O-acyl
CH ₃	O-acyl	O	5-Fluoro-6-Methylcytosine	Br	O-acyl
CH ₃	O-acyl	O	2-Fluoro-8-methyladenine	Br	O-acyl
CH ₃	O-acyl	O	2-Fluoro-8-methylhypoxanthine	Br	O-acyl
CH ₃	O-acyl	O	2-Amino-8-methyladenine	Br	O-acyl
CH ₃	O-acyl	O	2-Amino-8-methylhypoxanthine	Br	O-acyl
CH ₃	O-acyl	O	2-N-acetyl-8-methylguanine	Br	O-acyl
CH ₃	O-acyl	O	4-N-acetyl-8-methylcytosine	Br	O-acyl
CH ₃	O-acyl	O	6-N-acetyl-8-methyladenine	Br	O-acyl
CH ₃	O-acyl	O	4-N-acetyl-5-fluoro-8-methylcytosine	Br	O-acyl
CH ₃	O-acyl	O	6-N-acetyl-2-fluoro-8-methyladenine	Br	O-acyl
CH ₃	O-acyl	O	6-N-acetyl-2-amino-8-methyladenine	Br	O-acyl
CH ₃	O-acyl	O	2-N-acetyl-amino-8-methyladenine	Br	O-acyl
CH ₃	O-acyl	O	2-N-acetyl-amino-8-methylhypoxanthine	Br	O-acyl
CH ₃	O-acyl	O	6-Methylthymine	Br	OH
CH ₃	O-acyl	O	6-Methyluracil	Br	OH
CH ₃	O-acyl	O	8-Methylguanine	Br	OH
CH ₃	O-acyl	O	6-Methylcytosine	Br	OH
CH ₃	O-acyl	O	8-Methyladenine	Br	OH
CH ₃	O-acyl	O	8-Methylhypoxanthine	Br	OH
CH ₃	O-acyl	O	5-Fluoro-6-Methyluracil	Br	OH
CH ₃	O-acyl	O	5-Fluoro-6-Methylcytosine	Br	OH
CH ₃	O-acyl	O	2-Fluoro-8-methyladenine	Br	OH
CH ₃	O-acyl	O	2-Fluoro-8-methylhypoxanthine	Br	OH
CH ₃	O-acyl	O	2-Amino-8-methyladenine	Br	OH
CH ₃	O-acyl	O	2-Amino-8-methylhypoxanthine	Br	OH
CH ₃	O-acyl	O	2-N-acetyl-8-methylguanine	Br	OH
CH ₃	O-acyl	O	4-N-acetyl-8-methylcytosine	Br	OH
CH ₃	O-acyl	O	6-N-acetyl-8-methyladenine	Br	OH
CH ₃	O-acyl	O	4-N-acetyl-5-fluoro-8-methylcytosine	Br	OH
CH ₃	O-acyl	O	6-N-acetyl-2-fluoro-8-methyladenine	Br	OH
CH ₃	O-acyl	O	6-N-acetyl-2-amino-8-methyladenine	Br	OH
CH ₃	O-acyl	O	2-N-acetyl-amino-8-methyladenine	Br	OH
CH ₃	O-acyl	O	2-N-acetyl-amino-8-methylhypoxanthine	Br	OH
CH ₃	O-acyl	O	6-Methylthymine	Cl	O-acyl
CH ₃	O-acyl	O	6-Methyluracil	Cl	O-acyl
CH ₃	O-acyl	O	8-Methylguanine	Cl	O-acyl
CH ₃	O-acyl	O	6-Methylcytosine	Cl	O-acyl
CH ₃	O-acyl	O	8-Methyladenine	Cl	O-acyl
CH ₃	O-acyl	O	8-Methylhypoxanthine	Cl	O-acyl
CH ₃	O-acyl	O	5-Fluoro-6-Methyluracil	Cl	O-acyl
CH ₃	O-acyl	O	5-Fluoro-6-Methylcytosine	Cl	O-acyl
CH ₃	O-acyl	O	2-Fluoro-8-methyladenine	Cl	O-acyl
CH ₃	O-acyl	O	2-Fluoro-8-methylhypoxanthine	Cl	O-acyl
CH ₃	O-acyl	O	2-Amino-8-methyladenine	Cl	O-acyl
CH ₃	O-acyl	O	2-Amino-8-methylhypoxanthine	Cl	O-acyl
CH ₃	O-acyl	O	2-N-acetyl-8-methylguanine	Cl	O-acyl
CH ₃	O-acyl	O	4-N-acetyl-8-methylcytosine	Cl	O-acyl
CH ₃	O-acyl	O	6-N-acetyl-8-methyladenine	Cl	O-acyl
CH ₃	O-acyl	O	4-N-acetyl-5-fluoro-8-methylcytosine	Cl	O-acyl
CH ₃	O-acyl	O	6-N-acetyl-2-fluoro-8-methyladenine	Cl	O-acyl
CH ₃	O-acyl	O	6-N-acetyl-2-amino-8-methyladenine	Cl	O-acyl
CH ₃	O-acyl	O	2-N-acetyl-amino-8-methyladenine	Cl	O-acyl
CH ₃	O-acyl	O	2-N-acetyl-amino-8-methylhypoxanthine	Cl	O-acyl
CH ₃	O-acyl	O	6-Methylthymine	Cl	OH
CH ₃	O-acyl	O	6-Methyluracil	Cl	OH
CH ₃	O-acyl	O	8-Methylguanine	Cl	OH
CH ₃	O-acyl	O	6-Methylcytosine	Cl	OH
CH ₃	O-acyl	O	8-Methyladenine	Cl	OH
CH ₃	O-acyl	O	8-Methylhypoxanthine	Cl	OH
CH ₃	O-acyl	O	5-Fluoro-6-Methyluracil	Cl	OH

TABLE 12-continued

R ⁶	R ⁷	X	Base	R ¹⁰	R ⁹
CH ₃	O-acyl	O	5-Fluoro-6-Methylcytosine	Cl	OH
CH ₃	O-acyl	O	2-Fluoro-8-methyladenine	Cl	OH
CH ₃	O-acyl	O	2-Fluoro-8-methylhypoxanthine	Cl	OH
CH ₃	O-acyl	O	2-Amino-8-methyladenine	Cl	OH
CH ₃	O-acyl	O	2-Amino-8-methylhypoxanthine	Cl	OH
CH ₃	O-acyl	O	2-N-acetyl-8-methylguanine	Cl	OH
CH ₃	O-acyl	O	4-N-acetyl-8-methylcytosine	Cl	OH
CH ₃	O-acyl	O	6-N-acetyl-8-methyladenine	Cl	OH
CH ₃	O-acyl	O	4-N-acetyl-5-fluoro-8-methylcytosine	Cl	OH
CH ₃	O-acyl	O	6-N-acetyl-2-fluoro-8-methyladenine	Cl	OH
CH ₃	O-acyl	O	6-N-acetyl-2-amino-8-methyladenine	Cl	OH
CH ₃	O-acyl	O	2-N-acetylamino-8-methyladenine	Cl	OH
CH ₃	O-acyl	O	2-N-acetylamino-8-methylhypoxanthine	Cl	OH
CH ₃	O-acyl	O	6-Methylthymine	Cl	H
CH ₃	O-acyl	O	6-Methyluracil	Cl	H
CH ₃	O-acyl	O	8-Methylguanine	Cl	H
CH ₃	O-acyl	O	6-Methylcytosine	Cl	H
CH ₃	O-acyl	O	8-Methyladenine	Cl	H
CH ₃	O-acyl	O	8-Methylhypoxanthine	Cl	H
CH ₃	O-acyl	O	5-Fluoro-6-Methyluracil	Cl	H
CH ₃	O-acyl	O	5-Fluoro-6-Methylcytosine	Cl	H
CH ₃	O-acyl	O	2-Fluoro-8-methyladenine	Cl	H
CH ₃	O-acyl	O	2-Fluoro-8-methylhypoxanthine	Cl	H
CH ₃	O-acyl	O	2-Amino-8-methyladenine	Cl	H
CH ₃	O-acyl	O	2-Amino-8-methylhypoxanthine	Cl	H
CH ₃	O-acyl	O	2-N-acetyl-8-methylguanine	Cl	H
CH ₃	O-acyl	O	4-N-acetyl-8-methylcytosine	Cl	O-amino acid
CH ₃	O-acyl	O	6-N-acetyl-8-methyladenine	Cl	O-amino acid
CH ₃	O-acyl	O	4-N-acetyl-5-fluoro-8-methylcytosine	Cl	O-amino acid
CH ₃	O-acyl	O	6-N-acetyl-2-fluoro-8-methyladenine	Cl	O-amino acid
CH ₃	O-acyl	O	6-N-acetyl-2-amino-8-methyladenine	Cl	O-amino acid
CH ₃	O-acyl	O	2-N-acetylamino-8-methyladenine	Cl	O-amino acid
CH ₃	O-acyl	O	2-N-acetylamino-8-methylhypoxanthine	Cl	O-amino acid
CH ₃	O-acyl	O	6-Methylthymine	H	H
CH ₃	O-acyl	O	6-Methyluracil	H	H
CH ₃	O-acyl	O	8-Methylguanine	H	H
CH ₃	O-acyl	O	6-Methylcytosine	H	H
CH ₃	O-acyl	O	8-Methyladenine	H	H
CH ₃	O-acyl	O	8-Methylhypoxanthine	H	H
CH ₃	O-acyl	O	5-Fluoro-6-Methyluracil	H	H
CH ₃	O-acyl	O	5-Fluoro-6-Methylcytosine	H	H
CH ₃	O-acyl	O	2-Fluoro-8-methyladenine	H	H
CH ₃	O-acyl	O	2-Fluoro-8-methylhypoxanthine	H	H
CH ₃	O-acyl	O	2-Amino-8-methyladenine	H	H
CH ₃	O-acyl	O	2-Amino-8-methylhypoxanthine	H	H
CH ₃	O-acyl	O	2-N-acetyl-8-methylguanine	H	H
CH ₃	O-acyl	O	4-N-acetyl-8-methylcytosine	H	H
CH ₃	O-acyl	O	6-N-acetyl-8-methyladenine	H	H
CH ₃	O-acyl	O	4-N-acetyl-5-fluoro-8-methylcytosine	H	H
CH ₃	O-acyl	O	6-N-acetyl-2-fluoro-8-methyladenine	H	H
CH ₃	O-acyl	O	6-N-acetyl-2-amino-8-methyladenine	H	H
CH ₃	O-acyl	O	2-N-acetylamino-8-methyladenine	H	H
CH ₃	O-acyl	O	2-N-acetylamino-8-methylhypoxanthine	H	H
CH ₃	O-acyl	O	6-Methylthymine	H	O-amino acid
CH ₃	O-acyl	O	6-Methyluracil	H	O-amino acid
CH ₃	O-acyl	O	8-Methylguanine	H	O-amino acid
CH ₃	O-acyl	O	6-Methylcytosine	H	O-amino acid
CH ₃	O-acyl	O	8-Methyladenine	H	O-amino acid
CH ₃	O-acyl	O	8-Methylhypoxanthine	H	O-amino acid
CH ₃	O-acyl	O	5-Fluoro-6-Methyluracil	H	O-amino acid
CH ₃	O-acyl	O	5-Fluoro-6-Methylcytosine	H	O-amino acid
CH ₃	O-acyl	O	2-Fluoro-8-methyladenine	H	O-amino acid
CH ₃	O-acyl	O	2-Fluoro-8-methylhypoxanthine	H	O-amino acid
CH ₃	O-acyl	O	2-Amino-8-methyladenine	H	O-amino acid

TABLE 12-continued

R ⁶	R ⁷	X	Base	R ¹⁰	R ⁹
CH ₃	O-acyl	O	2-Amino-8-methylhypoxanthine	H	O-amino acid
CH ₃	O-acyl	O	2-N-acetyl-8-methylguanine	H	O-amino acid
CH ₃	O-acyl	O	4-N-acetyl-8-methylcytosine	H	O-amino acid
CH ₃	O-acyl	O	6-N-acetyl-8-methyladenine	H	O-amino acid
CH ₃	O-acyl	O	4-N-acetyl-5-fluoro-8-methylcytosine	H	O-amino acid
CH ₃	O-acyl	O	6-N-acetyl-2-fluoro-8-methyladenine	H	O-amino acid
CH ₃	O-acyl	O	6-N-acetyl-2-amino-8-methyladenine	H	O-amino acid
CH ₃	O-acyl	O	2-N-acetyl-amino-8-methyladenine	H	O-amino acid
CH ₃	O-acyl	O	2-N-acetyl-amino-8-methylhypoxanthine	H	O-amino acid
CH ₃	O-acyl	O	6-Methylthymine	H	O-acyl
CH ₃	O-acyl	O	6-Methyluracil	H	O-acyl
CH ₃	O-acyl	O	8-Methylguanine	H	O-acyl
CH ₃	O-acyl	O	6-Methylcytosine	H	O-acyl
CH ₃	O-acyl	O	8-Methyladenine	H	O-acyl
CH ₃	O-acyl	O	8-Methylhypoxanthine	H	O-acyl
CH ₃	O-acyl	O	5-Fluoro-6-Methyluracil	H	O-acyl
CH ₃	O-acyl	O	5-Fluoro-6-Methylcytosine	H	O-acyl
CH ₃	O-acyl	O	2-Fluoro-8-methyladenine	H	O-acyl
CH ₃	O-acyl	O	2-Fluoro-8-methylhypoxanthine	H	O-acyl
CH ₃	O-acyl	O	2-Amino-8-methyladenine	H	O-acyl
CH ₃	O-acyl	O	2-Amino-8-methylhypoxanthine	H	O-acyl
CH ₃	O-acyl	O	2-N-acetyl-8-methylguanine	H	O-acyl
CH ₃	O-acyl	O	4-N-acetyl-8-methylcytosine	H	O-acyl
CH ₃	O-acyl	O	6-N-acetyl-8-methyladenine	H	O-acyl
CH ₃	O-acyl	O	4-N-acetyl-5-fluoro-8-methylcytosine	H	O-acyl
CH ₃	O-acyl	O	6-N-acetyl-2-fluoro-8-methyladenine	H	O-acyl
CH ₃	O-acyl	O	6-N-acetyl-2-amino-8-methyladenine	H	O-acyl
CH ₃	O-acyl	O	2-N-acetyl-amino-8-methyladenine	H	O-acyl
CH ₃	O-acyl	O	2-N-acetyl-amino-8-methylhypoxanthine	H	O-acyl
CH ₃	O-acyl	O	6-Methylthymine	H	OH
CH ₃	O-acyl	O	6-Methyluracil	H	OH
CH ₃	O-acyl	O	8-Methylguanine	H	OH
CH ₃	O-acyl	O	6-Methylcytosine	H	OH
CH ₃	O-acyl	O	8-Methyladenine	H	OH
CH ₃	O-acyl	O	8-Methylhypoxanthine	H	OH
CH ₃	O-acyl	O	5-Fluoro-6-Methyluracil	H	OH
CH ₃	O-acyl	O	5-Fluoro-6-Methylcytosine	H	OH
CH ₃	O-acyl	O	2-Fluoro-8-methyladenine	H	OH
CH ₃	O-acyl	O	2-Fluoro-8-methylhypoxanthine	H	OH
CH ₃	O-acyl	O	2-Amino-8-methyladenine	H	OH
CH ₃	O-acyl	O	2-Amino-8-methylhypoxanthine	H	OH
CH ₃	O-acyl	O	2-N-acetyl-8-methylguanine	H	OH
CH ₃	O-acyl	O	4-N-acetyl-8-methylcytosine	H	OH
CH ₃	O-acyl	O	6-N-acetyl-8-methyladenine	H	OH
CH ₃	O-acyl	O	4-N-acetyl-5-fluoro-8-methylcytosine	H	OH
CH ₃	O-acyl	O	6-N-acetyl-2-fluoro-8-methyladenine	H	OH
CH ₃	O-acyl	O	6-N-acetyl-2-amino-8-methyladenine	H	OH
CH ₃	O-acyl	O	2-N-acetyl-amino-8-methyladenine	H	OH
CH ₃	O-acyl	O	2-N-acetyl-amino-8-methylhypoxanthine	H	OH
CH ₃	O-acyl	O	6-Methylthymine	OH	H
CH ₃	O-acyl	O	6-Methyluracil	OH	H
CH ₃	O-acyl	O	8-Methylguanine	OH	H
CH ₃	O-acyl	O	6-Methylcytosine	OH	H
CH ₃	O-acyl	O	8-Methyladenine	OH	H
CH ₃	O-acyl	O	8-Methylhypoxanthine	OH	H
CH ₃	O-acyl	O	5-Fluoro-6-Methyluracil	OH	H
CH ₃	O-acyl	O	5-Fluoro-6-Methylcytosine	OH	H
CH ₃	O-acyl	O	2-Fluoro-8-methyladenine	OH	H
CH ₃	O-acyl	O	2-Fluoro-8-methylhypoxanthine	OH	H
CH ₃	O-acyl	O	2-Amino-8-methyladenine	OH	H
CH ₃	O-acyl	O	2-Amino-8-methylhypoxanthine	OH	H
CH ₃	O-acyl	O	2-N-acetyl-8-methylguanine	OH	H
CH ₃	O-acyl	O	4-N-acetyl-8-methylcytosine	OH	H
CH ₃	O-acyl	O	6-N-acetyl-8-methyladenine	OH	H
CH ₃	O-acyl	O	4-N-acetyl-5-fluoro-8-methylcytosine	OH	H
CH ₃	O-acyl	O	6-N-acetyl-2-fluoro-8-methyladenine	OH	H
CH ₃	O-acyl	O	6-N-acetyl-2-amino-8-methyladenine	OH	H
CH ₃	O-acyl	O	2-N-acetyl-amino-8-methyladenine	OH	H
CH ₃	O-acyl	O	2-N-acetyl-amino-8-methylhypoxanthine	OH	H
CH ₃	O-amino acid	O	6-Methylthymine	F	H
CH ₃	O-amino acid	O	6-Methyluracil	F	H
CH ₃	O-amino acid	O	8-Methylguanine	F	H
CH ₃	O-amino acid	O	6-Methylcytosine	F	H
CH ₃	O-amino acid	O	8-Methyladenine	F	H
CH ₃	O-amino acid	O	8-Methylhypoxanthine	F	H
CH ₃	O-amino acid	O	5-Fluoro-6-Methyluracil	F	H
CH ₃	O-amino acid	O	5-Fluoro-6-Methylcytosine	F	H

TABLE 12-continued

R ⁶	R ⁷	X	Base	R ¹⁰	R ⁹
CH ₃	O-amino acid	O	2-Fluoro-8-methyladenine	F	H
CH ₃	O-amino acid	O	2-Fluoro-8-methylhypoxanthine	F	H
CH ₃	O-amino acid	O	2-Amino-8-methyladenine	F	H
CH ₃	O-amino acid	O	2-Amino-8-methylhypoxanthine	F	H
CH ₃	O-amino acid	O	2-N-acetyl-8-methylguanine	F	H
CH ₃	O-amino acid	O	4-N-acetyl-8-methylcytosine	F	H
CH ₃	O-amino acid	O	6-N-acetyl-8-methyladenine	F	H
CH ₃	O-amino acid	O	4-N-acetyl-5-fluoro-8-methylcytosine	F	H
CH ₃	O-amino acid	O	6-N-acetyl-2-fluoro-8-methyladenine	F	H
CH ₃	O-amino acid	O	6-N-acetyl-2-amino-8-methyladenine	F	H
CH ₃	O-amino acid	O	2-N-acetyl-amino-8-methyladenine	F	H
CH ₃	O-amino acid	O	2-N-acetyl-amino-8-methylhypoxanthine	F	H
CH ₃	O-amino acid	O	6-Methylthymine	F	O-amino acid
CH ₃	O-amino acid	O	6-Methyluracil	F	O-amino acid
CH ₃	O-amino acid	O	8-Methylguanine	F	O-amino acid
CH ₃	O-amino acid	O	6-Methylcytosine	F	O-amino acid
CH ₃	O-amino acid	O	8-Methyladenine	F	O-amino acid
CH ₃	O-amino acid	O	8-Methylhypoxanthine	F	O-amino acid
CH ₃	O-amino acid	O	5-Fluoro-6-Methyluracil	F	O-amino acid
CH ₃	O-amino acid	O	5-Fluoro-6-Methylcytosine	F	O-amino acid
CH ₃	O-amino acid	O	2-Fluoro-8-methyladenine	F	O-amino acid
CH ₃	O-amino acid	O	2-Fluoro-8-methylhypoxanthine	F	O-amino acid
CH ₃	O-amino acid	O	2-Amino-8-methyladenine	F	O-amino acid
CH ₃	O-amino acid	O	2-Amino-8-methylhypoxanthine	F	O-amino acid
CH ₃	O-amino acid	O	2-N-acetyl-8-methylguanine	F	O-amino acid
CH ₃	O-amino acid	O	4-N-acetyl-8-methylcytosine	F	O-amino acid
CH ₃	O-amino acid	O	6-N-acetyl-8-methyladenine	F	O-amino acid
CH ₃	O-amino acid	O	4-N-acetyl-5-fluoro-8-methylcytosine	F	O-amino acid
CH ₃	O-amino acid	O	6-N-acetyl-2-fluoro-8-methyladenine	F	O-amino acid
CH ₃	O-amino acid	O	6-N-acetyl-2-amino-8-methyladenine	F	O-amino acid
CH ₃	O-amino acid	O	2-N-acetyl-amino-8-methyladenine	F	O-amino acid
CH ₃	O-amino acid	O	2-N-acetyl-amino-8-methylhypoxanthine	F	O-amino acid
CH ₃	O-amino acid	O	6-Methylthymine	F	O-acyl
CH ₃	O-amino acid	O	6-Methyluracil	F	O-acyl
CH ₃	O-amino acid	O	8-Methylguanine	F	O-acyl
CH ₃	O-amino acid	O	6-Methylcytosine	F	O-acyl
CH ₃	O-amino acid	O	8-Methyladenine	F	O-acyl
CH ₃	O-amino acid	O	8-Methylhypoxanthine	F	O-acyl
CH ₃	O-amino acid	O	5-Fluoro-6-Methyluracil	F	O-acyl
CH ₃	O-amino acid	O	5-Fluoro-6-Methylcytosine	F	O-acyl
CH ₃	O-amino acid	O	2-Fluoro-8-methyladenine	F	O-acyl
CH ₃	O-amino acid	O	2-Fluoro-8-methylhypoxanthine	F	O-acyl
CH ₃	O-amino acid	O	2-Amino-8-methyladenine	F	O-acyl
CH ₃	O-amino acid	O	2-Amino-8-methylhypoxanthine	F	O-acyl
CH ₃	O-amino acid	O	2-N-acetyl-8-methylguanine	F	O-acyl
CH ₃	O-amino acid	O	4-N-acetyl-8-methylcytosine	F	O-acyl
CH ₃	O-amino acid	O	6-N-acetyl-8-methyladenine	F	O-acyl
CH ₃	O-amino acid	O	4-N-acetyl-5-fluoro-8-methylcytosine	F	O-acyl
CH ₃	O-amino acid	O	6-N-acetyl-2-fluoro-8-methyladenine	F	O-acyl
CH ₃	O-amino acid	O	6-N-acetyl-2-amino-8-methyladenine	F	O-acyl
CH ₃	O-amino acid	O	2-N-acetyl-amino-8-methyladenine	F	O-acyl
CH ₃	O-amino acid	O	2-N-acetyl-amino-8-methylhypoxanthine	F	O-acyl
CH ₃	O-amino acid	O	6-Methylthymine	F	OH
CH ₃	O-amino acid	O	6-Methyluracil	F	OH
CH ₃	O-amino acid	O	8-Methylguanine	F	OH
CH ₃	O-amino acid	O	6-Methylcytosine	F	OH
CH ₃	O-amino acid	O	8-Methyladenine	F	OH
CH ₃	O-amino acid	O	8-Methylhypoxanthine	F	OH
CH ₃	O-amino acid	O	5-Fluoro-6-Methyluracil	F	OH
CH ₃	O-amino acid	O	5-Fluoro-6-Methylcytosine	F	OH
CH ₃	O-amino acid	O	2-Fluoro-8-methyladenine	F	OH
CH ₃	O-amino acid	O	2-Fluoro-8-methylhypoxanthine	F	OH
CH ₃	O-amino acid	O	2-Amino-8-methyladenine	F	OH
CH ₃	O-amino acid	O	2-Amino-8-methylhypoxanthine	F	OH
CH ₃	O-amino acid	O	2-N-acetyl-8-methylguanine	F	OH
CH ₃	O-amino acid	O	4-N-acetyl-8-methylcytosine	F	OH
CH ₃	O-amino acid	O	6-N-acetyl-8-methyladenine	F	OH
CH ₃	O-amino acid	O	4-N-acetyl-5-fluoro-8-methylcytosine	F	OH
CH ₃	O-amino acid	O	6-N-acetyl-2-fluoro-8-methyladenine	F	OH
CH ₃	O-amino acid	O	6-N-acetyl-2-amino-8-methyladenine	F	OH
CH ₃	O-amino acid	O	2-N-acetyl-amino-8-methyladenine	F	OH
CH ₃	O-amino acid	O	2-N-acetyl-amino-8-methylhypoxanthine	F	OH
CH ₃	O-amino acid	O	6-Methylthymine	Br	H
CH ₃	O-amino acid	O	6-Methyluracil	Br	H
CH ₃	O-amino acid	O	8-Methylguanine	Br	H
CH ₃	O-amino acid	O	6-Methylcytosine	Br	H
CH ₃	O-amino acid	O	8-Methyladenine	Br	H

TABLE 12-continued

R ⁶	R ⁷	X	Base	R ¹⁰	R ⁹
CH ₃	O-amino acid	O	8-Methylhypoxanthine	Br	H
CH ₃	O-amino acid	O	5-Fluoro-6-Methyluracil	Br	H
CH ₃	O-amino acid	O	5-Fluoro-6-Methylcytosine	Br	H
CH ₃	O-amino acid	O	2-Fluoro-8-methyladenine	Br	H
CH ₃	O-amino acid	O	2-Fluoro-8-methylhypoxanthine	Br	H
CH ₃	O-amino acid	O	2-Amino-8-methyladenine	Br	H
CH ₃	O-amino acid	O	2-Amino-8-methylhypoxanthine	Br	H
CH ₃	O-amino acid	O	2-N-acetyl-8-methylguanine	Br	H
CH ₃	O-amino acid	O	4-N-acetyl-8-methylcytosine	Br	H
CH ₃	O-amino acid	O	6-N-acetyl-8-methyladenine	Br	H
CH ₃	O-amino acid	O	4-N-acetyl-5-fluoro-8-methylcytosine	Br	H
CH ₃	O-amino acid	O	6-N-acetyl-2-fluoro-8-methyladenine	Br	H
CH ₃	O-amino acid	O	6-N-acetyl-2-amino-8-methyladenine	Br	H
CH ₃	O-amino acid	O	2-N-acetylamino-8-methyladenine	Br	H
CH ₃	O-amino acid	O	2-N-acetylamino-8-methylhypoxanthine	Br	H
CH ₃	O-amino acid	O	6-Methylthymine	Br	O-amino acid
CH ₃	O-amino acid	O	6-Methyluracil	Br	O-amino acid
CH ₃	O-amino acid	O	8-Methylguanine	Br	O-amino acid
CH ₃	O-amino acid	O	6-Methylcytosine	Br	O-amino acid
CH ₃	O-amino acid	O	8-Methyladenine	Br	O-amino acid
CH ₃	O-amino acid	O	8-Methylhypoxanthine	Br	O-amino acid
CH ₃	O-amino acid	O	5-Fluoro-6-Methyluracil	Br	O-amino acid
CH ₃	O-amino acid	O	5-Fluoro-6-Methylcytosine	Br	O-amino acid
CH ₃	O-amino acid	O	2-Fluoro-8-methyladenine	Br	O-amino acid
CH ₃	O-amino acid	O	2-Fluoro-8-methylhypoxanthine	Br	O-amino acid
CH ₃	O-amino acid	O	2-Amino-8-methyladenine	Br	O-amino acid
CH ₃	O-amino acid	O	2-Amino-8-methylhypoxanthine	Br	O-amino acid
CH ₃	O-amino acid	O	2-N-acetyl-8-methylguanine	Br	O-amino acid
CH ₃	O-amino acid	O	4-N-acetyl-8-methylcytosine	Br	O-amino acid
CH ₃	O-amino acid	O	6-N-acetyl-8-methyladenine	Br	O-amino acid
CH ₃	O-amino acid	O	4-N-acetyl-5-fluoro-8-methylcytosine	Br	O-amino acid
CH ₃	O-amino acid	O	6-N-acetyl-2-fluoro-8-methyladenine	Br	O-amino acid
CH ₃	O-amino acid	O	6-N-acetyl-2-amino-8-methyladenine	Br	O-amino acid
CH ₃	O-amino acid	O	2-N-acetylamino-8-methyladenine	Br	O-amino acid
CH ₃	O-amino acid	O	2-N-acetylamino-8-methylhypoxanthine	Br	O-amino acid
CH ₃	O-amino acid	O	6-Methylthymine	Br	O-acyl
CH ₃	O-amino acid	O	6-Methyluracil	Br	O-acyl
CH ₃	O-amino acid	O	8-Methylguanine	Br	O-acyl
CH ₃	O-amino acid	O	6-Methylcytosine	Br	O-acyl
CH ₃	O-amino acid	O	8-Methyladenine	Br	O-acyl
CH ₃	O-amino acid	O	8-Methylhypoxanthine	Br	O-acyl
CH ₃	O-amino acid	O	5-Fluoro-6-Methyluracil	Br	O-acyl
CH ₃	O-amino acid	O	5-Fluoro-6-Methylcytosine	Br	O-acyl
CH ₃	O-amino acid	O	2-Fluoro-8-methyladenine	Br	O-acyl
CH ₃	O-amino acid	O	2-Fluoro-8-methylhypoxanthine	Br	O-acyl
CH ₃	O-amino acid	O	2-Amino-8-methyladenine	Br	O-acyl
CH ₃	O-amino acid	O	2-Amino-8-methylhypoxanthine	Br	O-acyl
CH ₃	O-amino acid	O	2-N-acetyl-8-methylguanine	Br	O-acyl
CH ₃	O-amino acid	O	4-N-acetyl-8-methylcytosine	Br	O-acyl
CH ₃	O-amino acid	O	6-N-acetyl-8-methyladenine	Br	O-acyl
CH ₃	O-amino acid	O	4-N-acetyl-5-fluoro-8-methylcytosine	Br	O-acyl
CH ₃	O-amino acid	O	6-N-acetyl-2-fluoro-8-methyladenine	Br	O-acyl
CH ₃	O-amino acid	O	6-N-acetyl-2-amino-8-methyladenine	Br	O-acyl
CH ₃	O-amino acid	O	2-N-acetylamino-8-methyladenine	Br	O-acyl
CH ₃	O-amino acid	O	2-N-acetylamino-8-methylhypoxanthine	Br	O-acyl
CH ₃	O-amino acid	O	6-Methylthymine	Br	OH
CH ₃	O-amino acid	O	6-Methyluracil	Br	OH
CH ₃	O-amino acid	O	8-Methylguanine	Br	OH
CH ₃	O-amino acid	O	6-Methylcytosine	Br	OH
CH ₃	O-amino acid	O	8-Methyladenine	Br	OH
CH ₃	O-amino acid	O	8-Methylhypoxanthine	Br	OH
CH ₃	O-amino acid	O	5-Fluoro-6-Methyluracil	Br	OH
CH ₃	O-amino acid	O	5-Fluoro-6-Methylcytosine	Br	OH
CH ₃	O-amino acid	O	2-Fluoro-8-methyladenine	Br	OH
CH ₃	O-amino acid	O	2-Fluoro-8-methylhypoxanthine	Br	OH
CH ₃	O-amino acid	O	2-Amino-8-methyladenine	Br	OH
CH ₃	O-amino acid	O	2-Amino-8-methylhypoxanthine	Br	OH
CH ₃	O-amino acid	O	2-N-acetyl-8-methylguanine	Br	OH
CH ₃	O-amino acid	O	4-N-acetyl-8-methylcytosine	Br	OH
CH ₃	O-amino acid	O	6-N-acetyl-8-methyladenine	Br	OH
CH ₃	O-amino acid	O	4-N-acetyl-5-fluoro-8-methylcytosine	Br	OH
CH ₃	O-amino acid	O	6-N-acetyl-2-fluoro-8-methyladenine	Br	OH
CH ₃	O-amino acid	O	6-N-acetyl-2-amino-8-methyladenine	Br	OH
CH ₃	O-amino acid	O	2-N-acetylamino-8-methyladenine	Br	OH
CH ₃	O-amino acid	O	2-N-acetylamino-8-methylhypoxanthine	Br	OH
CH ₃	O-amino acid	O	6-Methylthymine	Cl	H
CH ₃	O-amino acid	O	6-Methyluracil	Cl	H

TABLE 12-continued

R ⁶	R ⁷	X	Base	R ¹⁰	R ⁹
CH ₃	O-amino acid	O	8-Methylguanine	Cl	H
CH ₃	O-amino acid	O	6-Methylcytosine	Cl	H
CH ₃	O-amino acid	O	8-Methyladenine	Cl	H
CH ₃	O-amino acid	O	8-Methylhypoxanthine	Cl	H
CH ₃	O-amino acid	O	5-Fluoro-6-Methyluracil	Cl	H
CH ₃	O-amino acid	O	5-Fluoro-6-Methylcytosine	Cl	H
CH ₃	O-amino acid	O	2-Fluoro-8-methyladenine	Cl	H
CH ₃	O-amino acid	O	2-Fluoro-8-methylhypoxanthine	Cl	H
CH ₃	O-amino acid	O	2-Amino-8-methyladenine	Cl	H
CH ₃	O-amino acid	O	2-Amino-8-methylhypoxanthine	Cl	H
CH ₃	O-amino acid	O	2-N-acetyl-8-methylguanine	Cl	H
CH ₃	O-amino acid	O	4-N-acetyl-8-methylcytosine	Cl	H
CH ₃	O-amino acid	O	6-N-acetyl-8-methyladenine	Cl	H
CH ₃	O-amino acid	O	4-N-acetyl-5-fluoro-8-methylcytosine	Cl	H
CH ₃	O-amino acid	O	6-N-acetyl-2-fluoro-8-methyladenine	Cl	H
CH ₃	O-amino acid	O	6-N-acetyl-2-amino-8-methyladenine	Cl	H
CH ₃	O-amino acid	O	2-N-acetylamino-8-methyladenine	Cl	H
CH ₃	O-amino acid	O	2-N-acetylamino-8-methylhypoxanthine	Cl	H
CH ₃	O-amino acid	O	6-Methylthymine	Cl	O-amino acid
CH ₃	O-amino acid	O	6-Methyluracil	Cl	O-amino acid
CH ₃	O-amino acid	O	8-Methylguanine	Cl	O-amino acid
CH ₃	O-amino acid	O	6-Methylcytosine	Cl	O-amino acid
CH ₃	O-amino acid	O	8-Methyladenine	Cl	O-amino acid
CH ₃	O-amino acid	O	8-Methylhypoxanthine	Cl	O-amino acid
CH ₃	O-amino acid	O	5-Fluoro-6-Methyluracil	Cl	O-amino acid
CH ₃	O-amino acid	O	5-Fluoro-6-Methylcytosine	Cl	O-amino acid
CH ₃	O-amino acid	O	2-Fluoro-8-methyladenine	Cl	O-amino acid
CH ₃	O-amino acid	O	2-Fluoro-8-methylhypoxanthine	Cl	O-amino acid
CH ₃	O-amino acid	O	2-Amino-8-methyladenine	Cl	O-amino acid
CH ₃	O-amino acid	O	2-Amino-8-methylhypoxanthine	Cl	O-amino acid
CH ₃	O-amino acid	O	2-N-acetyl-8-methylguanine	Cl	O-amino acid
CH ₃	O-amino acid	O	4-N-acetyl-8-methylcytosine	Cl	O-amino acid
CH ₃	O-amino acid	O	6-N-acetyl-8-methyladenine	Cl	O-amino acid
CH ₃	O-amino acid	O	4-N-acetyl-5-fluoro-8-methylcytosine	Cl	O-amino acid
CH ₃	O-amino acid	O	6-N-acetyl-2-fluoro-8-methyladenine	Cl	O-amino acid
CH ₃	O-amino acid	O	6-N-acetyl-2-amino-8-methyladenine	Cl	O-amino acid
CH ₃	O-amino acid	O	2-N-acetylamino-8-methyladenine	Cl	O-amino acid
CH ₃	O-amino acid	O	2-N-acetylamino-8-methylhypoxanthine	Cl	O-amino acid
CH ₃	O-amino acid	O	6-Methylthymine	Cl	O-acyl
CH ₃	O-amino acid	O	6-Methyluracil	Cl	O-acyl
CH ₃	O-amino acid	O	8-Methylguanine	Cl	O-acyl
CH ₃	O-amino acid	O	6-Methylcytosine	Cl	O-acyl
CH ₃	O-amino acid	O	8-Methyladenine	Cl	O-acyl
CH ₃	O-amino acid	O	8-Methylhypoxanthine	Cl	O-acyl
CH ₃	O-amino acid	O	5-Fluoro-6-Methyluracil	Cl	O-acyl
CH ₃	O-amino acid	O	5-Fluoro-6-Methylcytosine	Cl	O-acyl
CH ₃	O-amino acid	O	2-Fluoro-8-methyladenine	Cl	O-acyl
CH ₃	O-amino acid	O	2-Fluoro-8-methylhypoxanthine	Cl	O-acyl
CH ₃	O-amino acid	O	2-Amino-8-methyladenine	Cl	O-acyl
CH ₃	O-amino acid	O	2-Amino-8-methylhypoxanthine	Cl	O-acyl
CH ₃	O-amino acid	O	2-N-acetyl-8-methylguanine	Cl	O-acyl
CH ₃	O-amino acid	O	4-N-acetyl-8-methylcytosine	Cl	O-acyl
CH ₃	O-amino acid	O	6-N-acetyl-8-methyladenine	Cl	O-acyl
CH ₃	O-amino acid	O	4-N-acetyl-5-fluoro-8-methylcytosine	Cl	O-acyl
CH ₃	O-amino acid	O	6-N-acetyl-2-fluoro-8-methyladenine	Cl	O-acyl
CH ₃	O-amino acid	O	6-N-acetyl-2-amino-8-methyladenine	Cl	O-acyl
CH ₃	O-amino acid	O	2-N-acetylamino-8-methyladenine	Cl	O-acyl
CH ₃	O-amino acid	O	2-N-acetylamino-8-methylhypoxanthine	Cl	O-acyl
CH ₃	O-amino acid	O	6-Methylthymine	Cl	OH
CH ₃	O-amino acid	O	6-Methyluracil	Cl	OH
CH ₃	O-amino acid	O	8-Methylguanine	Cl	OH
CH ₃	O-amino acid	O	6-Methylcytosine	Cl	OH
CH ₃	O-amino acid	O	8-Methyladenine	Cl	OH
CH ₃	O-amino acid	O	8-Methylhypoxanthine	Cl	OH
CH ₃	O-amino acid	O	5-Fluoro-6-Methyluracil	Cl	OH
CH ₃	O-amino acid	O	5-Fluoro-6-Methylcytosine	Cl	OH
CH ₃	O-amino acid	O	2-Fluoro-8-methyladenine	Cl	OH
CH ₃	O-amino acid	O	2-Fluoro-8-methylhypoxanthine	Cl	OH
CH ₃	O-amino acid	O	2-Amino-8-methyladenine	Cl	OH
CH ₃	O-amino acid	O	2-Amino-8-methylhypoxanthine	Cl	OH
CH ₃	O-amino acid	O	2-N-acetyl-8-methylguanine	Cl	OH
CH ₃	O-amino acid	O	4-N-acetyl-8-methylcytosine	Cl	OH
CH ₃	O-amino acid	O	6-N-acetyl-8-methyladenine	Cl	OH
CH ₃	O-amino acid	O	4-N-acetyl-5-fluoro-8-methylcytosine	Cl	OH
CH ₃	O-amino acid	O	6-N-acetyl-2-fluoro-8-methyladenine	Cl	OH
CH ₃	O-amino acid	O	6-N-acetyl-2-amino-8-methyladenine	Cl	OH
CH ₃	O-amino acid	O	2-N-acetylamino-8-methyladenine	Cl	OH
CH ₃	O-amino acid	O	2-N-acetylamino-8-methylhypoxanthine	Cl	OH

TABLE 12-continued

R ⁶	R ⁷	X	Base	R ¹⁰	R ⁹
CH ₃	O-amino acid	O	2-N-acetylamino-8-methylhypoxanthine	Cl	OH
CH ₃	O-amino acid	O	6-Methylthymine	H	H
CH ₃	O-amino acid	O	6-Methyluracil	H	H
CH ₃	O-amino acid	O	8-Methylguanine	H	H
CH ₃	O-amino acid	O	6-Methylcytosine	H	H
CH ₃	O-amino acid	O	8-Methyladenine	H	H
CH ₃	O-amino acid	O	8-Methylhypoxanthine	H	H
CH ₃	O-amino acid	O	5-Fluoro-6-Methyluracil	H	H
CH ₃	O-amino acid	O	5-Fluoro-6-Methylcytosine	H	H
CH ₃	O-amino acid	O	2-Fluoro-8-methyladenine	H	H
CH ₃	O-amino acid	O	2-Fluoro-8-methylhypoxanthine	H	H
CH ₃	O-amino acid	O	2-Amino-8-methyladenine	H	H
CH ₃	O-amino acid	O	2-Amino-8-methylhypoxanthine	H	H
CH ₃	O-amino acid	O	2-N-acetyl-8-methylguanine	H	H
CH ₃	O-amino acid	O	4-N-acetyl-8-methylcytosine	H	H
CH ₃	O-amino acid	O	6-N-acetyl-8-methyladenine	H	H
CH ₃	O-amino acid	O	4-N-acetyl-5-fluoro-8-methylcytosine	H	H
CH ₃	O-amino acid	O	6-N-acetyl-2-fluoro-8-methyladenine	H	H
CH ₃	O-amino acid	O	6-N-acetyl-2-amino-8-methyladenine	H	H
CH ₃	O-amino acid	O	2-N-acetylamino-8-methyladenine	H	H
CH ₃	O-amino acid	O	2-N-acetylamino-8-methylhypoxanthine	H	H
CH ₃	O-amino acid	O	6-Methylthymine	H	O-amino acid
CH ₃	O-amino acid	O	6-Methyluracil	H	O-amino acid
CH ₃	O-amino acid	O	8-Methylguanine	H	O-amino acid
CH ₃	O-amino acid	O	6-Methylcytosine	H	O-amino acid
CH ₃	O-amino acid	O	8-Methyladenine	H	O-amino acid
CH ₃	O-amino acid	O	8-Methylhypoxanthine	H	O-amino acid
CH ₃	O-amino acid	O	5-Fluoro-6-Methyluracil	H	O-amino acid
CH ₃	O-amino acid	O	5-Fluoro-6-Methylcytosine	H	O-amino acid
CH ₃	O-amino acid	O	2-Fluoro-8-methyladenine	H	O-amino acid
CH ₃	O-amino acid	O	2-Fluoro-8-methylhypoxanthine	H	O-amino acid
CH ₃	O-amino acid	O	2-Amino-8-methyladenine	H	O-amino acid
CH ₃	O-amino acid	O	2-Amino-8-methylhypoxanthine	H	O-amino acid
CH ₃	O-amino acid	O	2-N-acetyl-8-methylguanine	H	O-amino acid
CH ₃	O-amino acid	O	4-N-acetyl-8-methylcytosine	H	O-amino acid
CH ₃	O-amino acid	O	6-N-acetyl-8-methyladenine	H	O-amino acid
CH ₃	O-amino acid	O	4-N-acetyl-5-fluoro-8-methylcytosine	H	O-amino acid
CH ₃	O-amino acid	O	6-N-acetyl-2-fluoro-8-methyladenine	H	O-amino acid
CH ₃	O-amino acid	O	6-N-acetyl-2-amino-8-methyladenine	H	O-amino acid
CH ₃	O-amino acid	O	2-N-acetylamino-8-methyladenine	H	O-amino acid
CH ₃	O-amino acid	O	2-N-acetylamino-8-methylhypoxanthine	H	O-amino acid
CH ₃	O-amino acid	O	6-Methylthymine	H	O-acyl
CH ₃	O-amino acid	O	6-Methyluracil	H	O-acyl
CH ₃	O-amino acid	O	8-Methylguanine	H	O-acyl
CH ₃	O-amino acid	O	6-Methylcytosine	H	O-acyl
CH ₃	O-amino acid	O	8-Methyladenine	H	O-acyl
CH ₃	O-amino acid	O	8-Methylhypoxanthine	H	O-acyl
CH ₃	O-amino acid	O	5-Fluoro-6-Methyluracil	H	O-acyl
CH ₃	O-amino acid	O	5-Fluoro-6-Methylcytosine	H	O-acyl
CH ₃	O-amino acid	O	2-Fluoro-8-methyladenine	H	O-acyl
CH ₃	O-amino acid	O	2-Fluoro-8-methylhypoxanthine	H	O-acyl
CH ₃	O-amino acid	O	2-Amino-8-methyladenine	H	O-acyl
CH ₃	O-amino acid	O	2-Amino-8-methylhypoxanthine	H	O-acyl
CH ₃	O-amino acid	O	2-N-acetyl-8-methylguanine	H	O-acyl
CH ₃	O-amino acid	O	4-N-acetyl-8-methylcytosine	H	O-acyl
CH ₃	O-amino acid	O	6-N-acetyl-8-methyladenine	H	O-acyl
CH ₃	O-amino acid	O	4-N-acetyl-5-fluoro-8-methylcytosine	H	O-acyl
CH ₃	O-amino acid	O	6-N-acetyl-2-fluoro-8-methyladenine	H	O-acyl
CH ₃	O-amino acid	O	6-N-acetyl-2-amino-8-methyladenine	H	O-acyl
CH ₃	O-amino acid	O	2-N-acetylamino-8-methyladenine	H	O-acyl
CH ₃	O-amino acid	O	2-N-acetylamino-8-methylhypoxanthine	H	O-acyl
CH ₃	O-amino acid	O	6-Methylthymine	H	OH
CH ₃	O-amino acid	O	6-Methyluracil	H	OH
CH ₃	O-amino acid	O	8-Methylguanine	H	OH
CH ₃	O-amino acid	O	6-Methylcytosine	H	OH
CH ₃	O-amino acid	O	8-Methyladenine	H	OH
CH ₃	O-amino acid	O	8-Methylhypoxanthine	H	OH
CH ₃	O-amino acid	O	5-Fluoro-6-Methyluracil	H	OH
CH ₃	O-amino acid	O	5-Fluoro-6-Methylcytosine	H	OH
CH ₃	O-amino acid	O	2-Fluoro-8-methyladenine	H	OH
CH ₃	O-amino acid	O	2-Fluoro-8-methylhypoxanthine	H	OH
CH ₃	O-amino acid	O	2-Amino-8-methyladenine	H	OH
CH ₃	O-amino acid	O	2-Amino-8-methylhypoxanthine	H	OH
CH ₃	O-amino acid	O	2-N-acetyl-8-methylguanine	H	OH
CH ₃	O-amino acid	O	4-N-acetyl-8-methylcytosine	H	OH
CH ₃	O-amino acid	O	6-N-acetyl-8-methyladenine	H	OH
CH ₃	O-amino acid	O	4-N-acetyl-5-fluoro-8-methylcytosine	H	OH

TABLE 12-continued

R ⁶	R ⁷	X	Base	R ¹⁰	R ⁹
CH ₃	O-amino acid	O	6-N-acetyl-2-fluoro-8-methyladenine	H	OH
CH ₃	O-amino acid	O	6-N-acetyl-2-amino-8-methyladenine	H	OH
CH ₃	O-amino acid	O	2-N-acetyl-amino-8-methyladenine	H	OH
CH ₃	O-amino acid	O	2-N-acetyl-amino-8-methylhypoxanthine	H	OH
CH ₃	O-amino acid	O	6-Methylthymine	OH	H
CH ₃	O-amino acid	O	6-Methyluracil	OH	H
CH ₃	O-amino acid	O	8-Methylguanine	OH	H
CH ₃	O-amino acid	O	6-Methylcytosine	OH	H
CH ₃	O-amino acid	O	8-Methyladenine	OH	H
CH ₃	O-amino acid	O	8-Methylhypoxanthine	OH	H
CH ₃	O-amino acid	O	5-Fluoro-6-Methyluracil	OH	H
CH ₃	O-amino acid	O	5-Fluoro-6-Methylcytosine	OH	H
CH ₃	O-amino acid	O	2-Fluoro-8-methyladenine	OH	H
CH ₃	O-amino acid	O	2-Fluoro-8-methylhypoxanthine	OH	H
CH ₃	O-amino acid	O	2-Amino-8-methyladenine	OH	H
CH ₃	O-amino acid	O	2-Amino-8-methylhypoxanthine	OH	H
CH ₃	O-amino acid	O	2-N-acetyl-8-methylguanine	OH	H
CH ₃	O-amino acid	O	4-N-acetyl-8-methylcytosine	OH	H
CH ₃	O-amino acid	O	6-N-acetyl-8-methyladenine	OH	H
CH ₃	O-amino acid	O	4-N-acetyl-5-fluoro-8-methylcytosine	OH	H
CH ₃	O-amino acid	O	6-N-acetyl-2-fluoro-8-methyladenine	OH	H
CH ₃	O-amino acid	O	6-N-acetyl-2-amino-8-methyladenine	OH	H
CH ₃	O-amino acid	O	2-N-acetyl-amino-8-methyladenine	OH	H
CH ₃	O-amino acid	O	2-N-acetyl-amino-8-methylhypoxanthine	OH	H
CH ₃	OH	O	6-Methylthymine	F	O-amino acid
CH ₃	OH	O	6-Methyluracil	F	O-amino acid
CH ₃	OH	O	8-Methylguanine	F	O-amino acid
CH ₃	OH	O	6-Methylcytosine	F	O-amino acid
CH ₃	OH	O	8-Methyladenine	F	O-amino acid
CH ₃	OH	O	8-Methylhypoxanthine	F	O-amino acid
CH ₃	OH	O	5-Fluoro-6-Methyluracil	F	O-amino acid
CH ₃	OH	O	5-Fluoro-6-Methylcytosine	F	O-amino acid
CH ₃	OH	O	2-Fluoro-8-methyladenine	F	O-amino acid
CH ₃	OH	O	2-Fluoro-8-methylhypoxanthine	F	O-amino acid
CH ₃	OH	O	2-Amino-8-methyladenine	F	O-amino acid
CH ₃	OH	O	2-Amino-8-methylhypoxanthine	F	O-amino acid
CH ₃	OH	O	2-N-acetyl-8-methylguanine	F	O-amino acid
CH ₃	OH	O	4-N-acetyl-8-methylcytosine	F	O-amino acid
CH ₃	OH	O	6-N-acetyl-8-methyladenine	F	O-amino acid
CH ₃	OH	O	4-N-acetyl-5-fluoro-8-methylcytosine	F	O-amino acid
CH ₃	OH	O	6-N-acetyl-2-fluoro-8-methyladenine	F	O-amino acid
CH ₃	OH	O	6-N-acetyl-2-amino-8-methyladenine	F	O-amino acid
CH ₃	OH	O	2-N-acetyl-amino-8-methyladenine	F	O-amino acid
CH ₃	OH	O	2-N-acetyl-amino-8-methylhypoxanthine	F	O-amino acid
CH ₃	OH	O	6-Methylthymine	F	O-acyl
CH ₃	OH	O	6-Methyluracil	F	O-acyl
CH ₃	OH	O	8-Methylguanine	F	O-acyl
CH ₃	OH	O	6-Methylcytosine	F	O-acyl
CH ₃	OH	O	8-Methyladenine	F	O-acyl
CH ₃	OH	O	8-Methylhypoxanthine	F	O-acyl
CH ₃	OH	O	5-Fluoro-6-Methyluracil	F	O-acyl
CH ₃	OH	O	5-Fluoro-6-Methylcytosine	F	O-acyl
CH ₃	OH	O	2-Fluoro-8-methyladenine	F	O-acyl
CH ₃	OH	O	2-Fluoro-8-methylhypoxanthine	F	O-acyl
CH ₃	OH	O	2-Amino-8-methyladenine	F	O-acyl
CH ₃	OH	O	2-Amino-8-methylhypoxanthine	F	O-acyl
CH ₃	OH	O	2-N-acetyl-8-methylguanine	F	O-acyl
CH ₃	OH	O	4-N-acetyl-8-methylcytosine	F	O-acyl
CH ₃	OH	O	6-N-acetyl-8-methyladenine	F	O-acyl
CH ₃	OH	O	4-N-acetyl-5-fluoro-8-methylcytosine	F	O-acyl
CH ₃	OH	O	6-N-acetyl-2-fluoro-8-methyladenine	F	O-acyl
CH ₃	OH	O	6-N-acetyl-2-amino-8-methyladenine	F	O-acyl
CH ₃	OH	O	2-N-acetyl-amino-8-methyladenine	F	O-acyl
CH ₃	OH	O	2-N-acetyl-amino-8-methylhypoxanthine	F	O-acyl
CH ₃	OH	O	6-Methylthymine	Br	O-amino acid
CH ₃	OH	O	6-Methyluracil	Br	O-amino acid
CH ₃	OH	O	8-Methylguanine	Br	O-amino acid
CH ₃	OH	O	6-Methylcytosine	Br	O-amino acid
CH ₃	OH	O	8-Methyladenine	Br	O-amino acid
CH ₃	OH	O	8-Methylhypoxanthine	Br	O-amino acid
CH ₃	OH	O	5-Fluoro-6-Methyluracil	Br	O-amino acid
CH ₃	OH	O	5-Fluoro-6-Methylcytosine	Br	O-amino acid
CH ₃	OH	O	2-Fluoro-8-methyladenine	Br	O-amino acid
CH ₃	OH	O	2-Fluoro-8-methylhypoxanthine	Br	O-amino acid
CH ₃	OH	O	2-Amino-8-methyladenine	Br	O-amino acid
CH ₃	OH	O	2-Amino-8-methylhypoxanthine	Br	O-amino acid
CH ₃	OH	O	2-N-acetyl-8-methylguanine	Br	O-amino acid

TABLE 12-continued

R ⁶	R ⁷	X	Base	R ¹⁰	R ⁹
CH ₃	OH	O	4-N-acetyl-8-methylcytosine	Br	O-amino acid
CH ₃	OH	O	6-N-acetyl-8-methyladenine	Br	O-amino acid
CH ₃	OH	O	4-N-acetyl-5-fluoro-8-methylcytosine	Br	O-amino acid
CH ₃	OH	O	6-N-acetyl-2-fluoro-8-methyladenine	Br	O-amino acid
CH ₃	OH	O	6-N-acetyl-2-amino-8-methyladenine	Br	O-amino acid
CH ₃	OH	O	2-N-acetyl-amino-8-methyladenine	Br	O-amino acid
CH ₃	OH	O	2-N-acetyl-amino-8-methylhypoxanthine	Br	O-amino acid
CH ₃	OH	O	6-Methylthymine	Br	O-acyl
CH ₃	OH	O	6-Methyluracil	Br	O-acyl
CH ₃	OH	O	8-Methylguanine	Br	O-acyl
CH ₃	OH	O	6-Methylcytosine	Br	O-acyl
CH ₃	OH	O	8-Methyladenine	Br	O-acyl
CH ₃	OH	O	8-Methylhypoxanthine	Br	O-acyl
CH ₃	OH	O	5-Fluoro-6-Methyluracil	Br	O-acyl
CH ₃	OH	O	5-Fluoro-6-Methylcytosine	Br	O-acyl
CH ₃	OH	O	2-Fluoro-8-methyladenine	Br	O-acyl
CH ₃	OH	O	2-Fluoro-8-methylhypoxanthine	Br	O-acyl
CH ₃	OH	O	2-Amino-8-methyladenine	Br	O-acyl
CH ₃	OH	O	2-Amino-8-methylhypoxanthine	Br	O-acyl
CH ₃	OH	O	2-N-acetyl-8-methylguanine	Br	O-acyl
CH ₃	OH	O	4-N-acetyl-8-methylcytosine	Br	O-acyl
CH ₃	OH	O	6-N-acetyl-8-methyladenine	Br	O-acyl
CH ₃	OH	O	4-N-acetyl-5-fluoro-8-methylcytosine	Br	O-acyl
CH ₃	OH	O	6-N-acetyl-2-fluoro-8-methyladenine	Br	O-acyl
CH ₃	OH	O	6-N-acetyl-2-amino-8-methyladenine	Br	O-acyl
CH ₃	OH	O	2-N-acetyl-amino-8-methyladenine	Br	O-acyl
CH ₃	OH	O	2-N-acetyl-amino-8-methylhypoxanthine	Br	O-acyl
CH ₃	OH	O	6-Methylthymine	Cl	O-amino acid
CH ₃	OH	O	6-Methyluracil	Cl	O-amino acid
CH ₃	OH	O	8-Methylguanine	Cl	O-amino acid
CH ₃	OH	O	6-Methylcytosine	Cl	O-amino acid
CH ₃	OH	O	8-Methyladenine	Cl	O-amino acid
CH ₃	OH	O	8-Methylhypoxanthine	Cl	O-amino acid
CH ₃	OH	O	5-Fluoro-6-Methyluracil	Cl	O-amino acid
CH ₃	OH	O	5-Fluoro-6-Methylcytosine	Cl	O-amino acid
CH ₃	OH	O	2-Fluoro-8-methyladenine	Cl	O-amino acid
CH ₃	OH	O	2-Fluoro-8-methylhypoxanthine	Cl	O-amino acid
CH ₃	OH	O	2-Amino-8-methyladenine	Cl	O-amino acid
CH ₃	OH	O	2-Amino-8-methylhypoxanthine	Cl	O-amino acid
CH ₃	OH	O	2-N-acetyl-8-methylguanine	Cl	O-amino acid
CH ₃	OH	O	4-N-acetyl-8-methylcytosine	Cl	O-amino acid
CH ₃	OH	O	6-N-acetyl-8-methyladenine	Cl	O-amino acid
CH ₃	OH	O	4-N-acetyl-5-fluoro-8-methylcytosine	Cl	O-amino acid
CH ₃	OH	O	6-N-acetyl-2-fluoro-8-methyladenine	Cl	O-amino acid
CH ₃	OH	O	6-N-acetyl-2-amino-8-methyladenine	Cl	O-amino acid
CH ₃	OH	O	2-N-acetyl-amino-8-methyladenine	Cl	O-amino acid
CH ₃	OH	O	2-N-acetyl-amino-8-methylhypoxanthine	Cl	O-amino acid
CH ₃	OH	O	6-Methylthymine	Cl	O-acyl
CH ₃	OH	O	6-Methyluracil	Cl	O-acyl
CH ₃	OH	O	8-Methylguanine	Cl	O-acyl
CH ₃	OH	O	6-Methylcytosine	Cl	O-acyl
CH ₃	OH	O	8-Methyladenine	Cl	O-acyl
CH ₃	OH	O	8-Methylhypoxanthine	Cl	O-acyl
CH ₃	OH	O	5-Fluoro-6-Methyluracil	Cl	O-acyl
CH ₃	OH	O	5-Fluoro-6-Methylcytosine	Cl	O-acyl
CH ₃	OH	O	2-Fluoro-8-methyladenine	Cl	O-acyl
CH ₃	OH	O	2-Fluoro-8-methylhypoxanthine	Cl	O-acyl
CH ₃	OH	O	2-Amino-8-methyladenine	Cl	O-acyl
CH ₃	OH	O	2-Amino-8-methylhypoxanthine	Cl	O-acyl
CH ₃	OH	O	2-N-acetyl-8-methylguanine	Cl	O-acyl
CH ₃	OH	O	4-N-acetyl-8-methylcytosine	Cl	O-acyl
CH ₃	OH	O	6-N-acetyl-8-methyladenine	Cl	O-acyl
CH ₃	OH	O	4-N-acetyl-5-fluoro-8-methylcytosine	Cl	O-acyl
CH ₃	OH	O	6-N-acetyl-2-fluoro-8-methyladenine	Cl	O-acyl
CH ₃	OH	O	6-N-acetyl-2-amino-8-methyladenine	Cl	O-acyl
CH ₃	OH	O	2-N-acetyl-amino-8-methyladenine	Cl	O-acyl
CH ₃	OH	O	2-N-acetyl-amino-8-methylhypoxanthine	Cl	O-acyl
CH ₃	OH	O	6-Methylthymine	H	O-amino acid
CH ₃	OH	O	6-Methyluracil	H	O-amino acid
CH ₃	OH	O	8-Methylguanine	H	O-amino acid
CH ₃	OH	O	6-Methylcytosine	H	O-amino acid
CH ₃	OH	O	8-Methyladenine	H	O-amino acid
CH ₃	OH	O	8-Methylhypoxanthine	H	O-amino acid
CH ₃	OH	O	5-Fluoro-6-Methyluracil	H	O-amino acid
CH ₃	OH	O	5-Fluoro-6-Methylcytosine	H	O-amino acid
CH ₃	OH	O	2-Fluoro-8-methyladenine	H	O-amino acid
CH ₃	OH	O	2-Fluoro-8-methylhypoxanthine	H	O-amino acid

TABLE 12-continued

R ⁶	R ⁷	X	Base	R ¹⁰	R ⁹
CH ₃	OH	O	2-Amino-8-methyladenine	H	O-amino acid
CH ₃	OH	O	2-Amino-8-methylhypoxanthine	H	O-amino acid
CH ₃	OH	O	2-N-acetyl-8-methylguanine	H	O-amino acid
CH ₃	OH	O	4-N-acetyl-8-methylcytosine	H	O-amino acid
CH ₃	OH	O	6-N-acetyl-8-methyladenine	H	O-amino acid
CH ₃	OH	O	4-N-acetyl-5-fluoro-8-methylcytosine	H	O-amino acid
CH ₃	OH	O	6-N-acetyl-2-fluoro-8-methyladenine	H	O-amino acid
CH ₃	OH	O	6-N-acetyl-2-amino-8-methyladenine	H	O-amino acid
CH ₃	OH	O	2-N-acetyl-amino-8-methyladenine	H	O-amino acid
CH ₃	OH	O	2-N-acetyl-amino-8-methylhypoxanthine	H	O-amino acid
CH ₃	OH	O	6-Methylthymine	H	O-acyl
CH ₃	OH	O	6-Methyluracil	H	O-acyl
CH ₃	OH	O	8-Methylguanine	H	O-acyl
CH ₃	OH	O	6-Methylcytosine	H	O-acyl
CH ₃	OH	O	8-Methyladenine	H	O-acyl
CH ₃	OH	O	8-Methylhypoxanthine	H	O-acyl
CH ₃	OH	O	5-Fluoro-6-Methyluracil	H	O-acyl
CH ₃	OH	O	5-Fluoro-6-Methylcytosine	H	O-acyl
CH ₃	OH	O	2-Fluoro-8-methyladenine	H	O-acyl
CH ₃	OH	O	2-Fluoro-8-methylhypoxanthine	H	O-acyl
CH ₃	OH	O	2-Amino-8-methyladenine	H	O-acyl
CH ₃	OH	O	2-Amino-8-methylhypoxanthine	H	O-acyl
CH ₃	OH	O	2-N-acetyl-8-methylguanine	H	O-acyl
CH ₃	OH	O	4-N-acetyl-8-methylcytosine	H	O-acyl
CH ₃	OH	O	6-N-acetyl-8-methyladenine	H	O-acyl
CH ₃	OH	O	4-N-acetyl-5-fluoro-8-methylcytosine	H	O-acyl
CH ₃	OH	O	6-N-acetyl-2-fluoro-8-methyladenine	H	O-acyl
CH ₃	OH	O	6-N-acetyl-2-amino-8-methyladenine	H	O-acyl
CH ₃	OH	O	2-N-acetyl-amino-8-methyladenine	H	O-acyl
CH ₃	OH	O	2-N-acetyl-amino-8-methylhypoxanthine	H	O-acyl
CH ₃	H	O	6-Methylthymine	F	O-amino acid
CH ₃	H	O	6-Methyluracil	F	O-amino acid
CH ₃	H	O	8-Methylguanine	F	O-amino acid
CH ₃	H	O	6-Methylcytosine	F	O-amino acid
CH ₃	H	O	8-Methyladenine	F	O-amino acid
CH ₃	H	O	8-Methylhypoxanthine	F	O-amino acid
CH ₃	H	O	5-Fluoro-6-Methyluracil	F	O-amino acid
CH ₃	H	O	5-Fluoro-6-Methylcytosine	F	O-amino acid
CH ₃	H	O	2-Fluoro-8-methyladenine	F	O-amino acid
CH ₃	H	O	2-Fluoro-8-methylhypoxanthine	F	O-amino acid
CH ₃	H	O	2-Amino-8-methyladenine	F	O-amino acid
CH ₃	H	O	2-Amino-8-methylhypoxanthine	F	O-amino acid
CH ₃	H	O	2-N-acetyl-8-methylguanine	F	O-amino acid
CH ₃	H	O	4-N-acetyl-8-methylcytosine	F	O-amino acid
CH ₃	H	O	6-N-acetyl-8-methyladenine	F	O-amino acid
CH ₃	H	O	4-N-acetyl-5-fluoro-8-methylcytosine	F	O-amino acid
CH ₃	H	O	6-N-acetyl-2-fluoro-8-methyladenine	F	O-amino acid
CH ₃	H	O	6-N-acetyl-2-amino-8-methyladenine	F	O-amino acid
CH ₃	H	O	2-N-acetyl-amino-8-methyladenine	F	O-amino acid
CH ₃	H	O	2-N-acetyl-amino-8-methylhypoxanthine	F	O-amino acid
CH ₃	H	O	6-Methylthymine	F	O-acyl
CH ₃	H	O	6-Methyluracil	F	O-acyl
CH ₃	H	O	8-Methylguanine	F	O-acyl
CH ₃	H	O	6-Methylcytosine	F	O-acyl
CH ₃	H	O	8-Methyladenine	F	O-acyl
CH ₃	H	O	8-Methylhypoxanthine	F	O-acyl
CH ₃	H	O	5-Fluoro-6-Methyluracil	F	O-acyl
CH ₃	H	O	5-Fluoro-6-Methylcytosine	F	O-acyl
CH ₃	H	O	2-Fluoro-8-methyladenine	F	O-acyl
CH ₃	H	O	2-Fluoro-8-methylhypoxanthine	F	O-acyl
CH ₃	H	O	2-Amino-8-methyladenine	F	O-acyl
CH ₃	H	O	2-Amino-8-methylhypoxanthine	F	O-acyl
CH ₃	H	O	2-N-acetyl-8-methylguanine	F	O-acyl
CH ₃	H	O	4-N-acetyl-8-methylcytosine	F	O-acyl
CH ₃	H	O	6-N-acetyl-8-methyladenine	F	O-acyl
CH ₃	H	O	4-N-acetyl-5-fluoro-8-methylcytosine	F	O-acyl
CH ₃	H	O	6-N-acetyl-2-fluoro-8-methyladenine	F	O-acyl
CH ₃	H	O	6-N-acetyl-2-amino-8-methyladenine	F	O-acyl
CH ₃	H	O	2-N-acetyl-amino-8-methyladenine	F	O-acyl
CH ₃	H	O	2-N-acetyl-amino-8-methylhypoxanthine	F	O-acyl
CH ₃	H	O	6-Methylthymine	Br	O-amino acid
CH ₃	H	O	6-Methyluracil	Br	O-amino acid
CH ₃	H	O	8-Methylguanine	Br	O-amino acid
CH ₃	H	O	6-Methylcytosine	Br	O-amino acid
CH ₃	H	O	8-Methyladenine	Br	O-amino acid
CH ₃	H	O	8-Methylhypoxanthine	Br	O-amino acid
CH ₃	H	O	5-Fluoro-6-Methyluracil	Br	O-amino acid

TABLE 12-continued

R ⁶	R ⁷	X	Base	R ¹⁰	R ⁹
CH ₃	H	O	5-Fluoro-6-Methylcytosine	Br	O-amino acid
CH ₃	H	O	2-Fluoro-8-methyladenine	Br	O-amino acid
CH ₃	H	O	2-Fluoro-8-methylhypoxanthine	Br	O-amino acid
CH ₃	H	O	2-Amino-8-methyladenine	Br	O-amino acid
CH ₃	H	O	2-Amino-8-methylhypoxanthine	Br	O-amino acid
CH ₃	H	O	2-N-acetyl-8-methylguanine	Br	O-amino acid
CH ₃	H	O	4-N-acetyl-8-methylcytosine	Br	O-amino acid
CH ₃	H	O	6-N-acetyl-8-methyladenine	Br	O-amino acid
CH ₃	H	O	4-N-acetyl-5-fluoro-8-methylcytosine	Br	O-amino acid
CH ₃	H	O	6-N-acetyl-2-fluoro-8-methyladenine	Br	O-amino acid
CH ₃	H	O	6-N-acetyl-2-amino-8-methyladenine	Br	O-amino acid
CH ₃	H	O	2-N-acetyl-amino-8-methyladenine	Br	O-amino acid
CH ₃	H	O	2-N-acetyl-amino-8-methylhypoxanthine	Br	O-amino acid
CH ₃	H	O	6-Methylthymine	Br	O-acyl
CH ₃	H	O	6-Methyluracil	Br	O-acyl
CH ₃	H	O	8-Methylguanine	Br	O-acyl
CH ₃	H	O	6-Methylcytosine	Br	O-acyl
CH ₃	H	O	8-Methyladenine	Br	O-acyl
CH ₃	H	O	8-Methylhypoxanthine	Br	O-acyl
CH ₃	H	O	5-Fluoro-6-Methyluracil	Br	O-acyl
CH ₃	H	O	5-Fluoro-6-Methylcytosine	Br	O-acyl
CH ₃	H	O	2-Fluoro-8-methyladenine	Br	O-acyl
CH ₃	H	O	2-Fluoro-8-methylhypoxanthine	Br	O-acyl
CH ₃	H	O	2-Amino-8-methyladenine	Br	O-acyl
CH ₃	H	O	2-Amino-8-methylhypoxanthine	Br	O-acyl
CH ₃	H	O	2-N-acetyl-8-methylguanine	Br	O-acyl
CH ₃	H	O	4-N-acetyl-8-methylcytosine	Br	O-acyl
CH ₃	H	O	6-N-acetyl-8-methyladenine	Br	O-acyl
CH ₃	H	O	4-N-acetyl-5-fluoro-8-methylcytosine	Br	O-acyl
CH ₃	H	O	6-N-acetyl-2-fluoro-8-methyladenine	Br	O-acyl
CH ₃	H	O	6-N-acetyl-2-amino-8-methyladenine	Br	O-acyl
CH ₃	H	O	2-N-acetyl-amino-8-methyladenine	Br	O-acyl
CH ₃	H	O	2-N-acetyl-amino-8-methylhypoxanthine	Br	O-acyl
CH ₃	H	O	6-Methylthymine	Cl	O-amino acid
CH ₃	H	O	6-Methyluracil	Cl	O-amino acid
CH ₃	H	O	8-Methylguanine	Cl	O-amino acid
CH ₃	H	O	6-Methylcytosine	Cl	O-amino acid
CH ₃	H	O	8-Methyladenine	Cl	O-amino acid
CH ₃	H	O	8-Methylhypoxanthine	Cl	O-amino acid
CH ₃	H	O	5-Fluoro-6-Methyluracil	Cl	O-amino acid
CH ₃	H	O	5-Fluoro-6-Methylcytosine	Cl	O-amino acid
CH ₃	H	O	2-Fluoro-8-methyladenine	Cl	O-amino acid
CH ₃	H	O	2-Fluoro-8-methylhypoxanthine	Cl	O-amino acid
CH ₃	H	O	2-Amino-8-methyladenine	Cl	O-amino acid
CH ₃	H	O	2-Amino-8-methylhypoxanthine	Cl	O-amino acid
CH ₃	H	O	2-N-acetyl-8-methylguanine	Cl	O-amino acid
CH ₃	H	O	4-N-acetyl-8-methylcytosine	Cl	O-amino acid
CH ₃	H	O	6-N-acetyl-8-methyladenine	Cl	O-amino acid
CH ₃	H	O	4-N-acetyl-5-fluoro-8-methylcytosine	Cl	O-amino acid
CH ₃	H	O	6-N-acetyl-2-fluoro-8-methyladenine	Cl	O-amino acid
CH ₃	H	O	6-N-acetyl-2-amino-8-methyladenine	Cl	O-amino acid
CH ₃	H	O	2-N-acetyl-amino-8-methyladenine	Cl	O-amino acid
CH ₃	H	O	2-N-acetyl-amino-8-methylhypoxanthine	Cl	O-amino acid
CH ₃	H	O	6-Methylthymine	Cl	O-acyl
CH ₃	H	O	6-Methyluracil	Cl	O-acyl
CH ₃	H	O	8-Methylguanine	Cl	O-acyl
CH ₃	H	O	6-Methylcytosine	Cl	O-acyl
CH ₃	H	O	8-Methyladenine	Cl	O-acyl
CH ₃	H	O	8-Methylhypoxanthine	Cl	O-acyl
CH ₃	H	O	5-Fluoro-6-Methyluracil	Cl	O-acyl
CH ₃	H	O	5-Fluoro-6-Methylcytosine	Cl	O-acyl
CH ₃	H	O	2-Fluoro-8-methyladenine	Cl	O-acyl
CH ₃	H	O	2-Fluoro-8-methylhypoxanthine	Cl	O-acyl
CH ₃	H	O	2-Amino-8-methyladenine	Cl	O-acyl
CH ₃	H	O	2-Amino-8-methylhypoxanthine	Cl	O-acyl
CH ₃	H	O	2-N-acetyl-8-methylguanine	Cl	O-acyl
CH ₃	H	O	4-N-acetyl-8-methylcytosine	Cl	O-acyl
CH ₃	H	O	6-N-acetyl-8-methyladenine	Cl	O-acyl
CH ₃	H	O	4-N-acetyl-5-fluoro-8-methylcytosine	Cl	O-acyl
CH ₃	H	O	6-N-acetyl-2-fluoro-8-methyladenine	Cl	O-acyl
CH ₃	H	O	6-N-acetyl-2-amino-8-methyladenine	Cl	O-acyl
CH ₃	H	O	2-N-acetyl-amino-8-methyladenine	Cl	O-acyl
CH ₃	H	O	2-N-acetyl-amino-8-methylhypoxanthine	Cl	O-acyl
CH ₃	H	O	6-Methylthymine	H	O-amino acid
CH ₃	H	O	6-Methyluracil	H	O-amino acid
CH ₃	H	O	8-Methylguanine	H	O-amino acid
CH ₃	H	O	6-Methylcytosine	H	O-amino acid

TABLE 12-continued

R ⁶	R ⁷	X	Base	R ¹⁰	R ⁹
CH ₃	H	O	8-Methyladenine	H	O-amino acid
CH ₃	H	O	8-Methylhypoxanthine	H	O-amino acid
CH ₃	H	O	5-Fluoro-6-Methyluracil	H	O-amino acid
CH ₃	H	O	5-Fluoro-6-Methylcytosine	H	O-amino acid
CH ₃	H	O	2-Fluoro-8-methyladenine	H	O-amino acid
CH ₃	H	O	2-Fluoro-8-methylhypoxanthine	H	O-amino acid
CH ₃	H	O	2-Amino-8-methyladenine	H	O-amino acid
CH ₃	H	O	2-Amino-8-methylhypoxanthine	H	O-amino acid
CH ₃	H	O	2-N-acetyl-8-methylguanine	H	O-amino acid
CH ₃	H	O	4-N-acetyl-8-methylcytosine	H	O-amino acid
CH ₃	H	O	6-N-acetyl-8-methyladenine	H	O-amino acid
CH ₃	H	O	4-N-acetyl-5-fluoro-8-methylcytosine	H	O-amino acid
CH ₃	H	O	6-N-acetyl-2-fluoro-8-methyladenine	H	O-amino acid
CH ₃	H	O	6-N-acetyl-2-amino-8-methyladenine	H	O-amino acid
CH ₃	H	O	2-N-acetylamino-8-methyladenine	H	O-amino acid
CH ₃	H	O	2-N-acetylamino-8-methylhypoxanthine	H	O-amino acid
CH ₃	H	O	6-Methylthymine	H	O-acyl
CH ₃	H	O	6-Methyluracil	H	O-acyl
CH ₃	H	O	8-Methylguanine	H	O-acyl
CH ₃	H	O	6-Methylcytosine	H	O-acyl
CH ₃	H	O	8-Methyladenine	H	O-acyl
CH ₃	H	O	8-Methylhypoxanthine	H	O-acyl
CH ₃	H	O	5-Fluoro-6-Methyluracil	H	O-acyl
CH ₃	H	O	5-Fluoro-6-Methylcytosine	H	O-acyl
CH ₃	H	O	2-Fluoro-8-methyladenine	H	O-acyl
CH ₃	H	O	2-Fluoro-8-methylhypoxanthine	H	O-acyl
CH ₃	H	O	2-Amino-8-methyladenine	H	O-acyl
CH ₃	H	O	2-Amino-8-methylhypoxanthine	H	O-acyl
CH ₃	H	O	2-N-acetyl-8-methylguanine	H	O-acyl
CH ₃	H	O	4-N-acetyl-8-methylcytosine	H	O-acyl
CH ₃	H	O	6-N-acetyl-8-methyladenine	H	O-acyl
CH ₃	H	O	4-N-acetyl-5-fluoro-8-methylcytosine	H	O-acyl
CH ₃	H	O	6-N-acetyl-2-fluoro-8-methyladenine	H	O-acyl
CH ₃	H	O	6-N-acetyl-2-amino-8-methyladenine	H	O-acyl
CH ₃	H	O	2-N-acetylamino-8-methyladenine	H	O-acyl
CH ₃	H	O	2-N-acetylamino-8-methylhypoxanthine	H	O-acyl
CF ₃	O-acyl	O	6-Methylthymine	F	H
CF ₃	O-acyl	O	6-Methyluracil	F	H
CF ₃	O-acyl	O	8-Methylguanine	F	H
CF ₃	O-acyl	O	6-Methylcytosine	F	H
CF ₃	O-acyl	O	8-Methyladenine	F	H
CF ₃	O-acyl	O	8-Methylhypoxanthine	F	H
CF ₃	O-acyl	O	5-Fluoro-6-Methyluracil	F	H
CF ₃	O-acyl	O	5-Fluoro-6-Methylcytosine	F	H
CF ₃	O-acyl	O	2-Fluoro-8-methyladenine	F	H
CF ₃	O-acyl	O	2-Fluoro-8-methylhypoxanthine	F	H
CF ₃	O-acyl	O	2-Amino-8-methyladenine	F	H
CF ₃	O-acyl	O	2-Amino-8-methylhypoxanthine	F	H
CF ₃	O-acyl	O	2-N-acetyl-8-methylguanine	F	H
CF ₃	O-acyl	O	4-N-acetyl-8-methylcytosine	F	H
CF ₃	O-acyl	O	6-N-acetyl-8-methyladenine	F	H
CF ₃	O-acyl	O	4-N-acetyl-5-fluoro-8-methylcytosine	F	H
CF ₃	O-acyl	O	6-N-acetyl-2-fluoro-8-methyladenine	F	H
CF ₃	O-acyl	O	6-N-acetyl-2-amino-8-methyladenine	F	H
CF ₃	O-acyl	O	2-N-acetylamino-8-methyladenine	F	H
CF ₃	O-acyl	O	2-N-acetylamino-8-methylhypoxanthine	F	H
CF ₃	O-acyl	O	6-Methylthymine	F	O-amino acid
CF ₃	O-acyl	O	6-Methyluracil	F	O-amino acid
CF ₃	O-acyl	O	8-Methylguanine	F	O-amino acid
CF ₃	O-acyl	O	6-Methylcytosine	F	O-amino acid
CF ₃	O-acyl	O	8-Methyladenine	F	O-amino acid
CF ₃	O-acyl	O	8-Methylhypoxanthine	F	O-amino acid
CF ₃	O-acyl	O	5-Fluoro-6-Methyluracil	F	O-amino acid
CF ₃	O-acyl	O	5-Fluoro-6-Methylcytosine	F	O-amino acid
CF ₃	O-acyl	O	2-Fluoro-8-methyladenine	F	O-amino acid
CF ₃	O-acyl	O	2-Fluoro-8-methylhypoxanthine	F	O-amino acid
CF ₃	O-acyl	O	2-Amino-8-methyladenine	F	O-amino acid
CF ₃	O-acyl	O	2-Amino-8-methylhypoxanthine	F	O-amino acid
CF ₃	O-acyl	O	2-N-acetyl-8-methylguanine	F	O-amino acid
CF ₃	O-acyl	O	4-N-acetyl-8-methylcytosine	F	O-amino acid
CF ₃	O-acyl	O	6-N-acetyl-8-methyladenine	F	O-amino acid
CF ₃	O-acyl	O	4-N-acetyl-5-fluoro-8-methylcytosine	F	O-amino acid
CF ₃	O-acyl	O	6-N-acetyl-2-fluoro-8-methyladenine	F	O-amino acid
CF ₃	O-acyl	O	6-N-acetyl-2-amino-8-methyladenine	F	O-amino acid
CF ₃	O-acyl	O	2-N-acetylamino-8-methyladenine	F	O-amino acid
CF ₃	O-acyl	O	2-N-acetylamino-8-methylhypoxanthine	F	O-amino acid
CF ₃	O-acyl	O	6-Methylthymine	F	O-acyl

TABLE 12-continued

R ⁶	R ⁷	X	Base	R ¹⁰	R ⁹
CF ₃	O-acyl	O	6-Methyluracil	F	O-acyl
CF ₃	O-acyl	O	8-Methylguanine	F	O-acyl
CF ₃	O-acyl	O	6-Methylcytosine	F	O-acyl
CF ₃	O-acyl	O	8-Methyladenine	F	O-acyl
CF ₃	O-acyl	O	8-Methylhypoxanthine	F	O-acyl
CF ₃	O-acyl	O	5-Fluoro-6-Methyluracil	F	O-acyl
CF ₃	O-acyl	O	5-Fluoro-6-Methylcytosine	F	O-acyl
CF ₃	O-acyl	O	2-Fluoro-8-methyladenine	F	O-acyl
CF ₃	O-acyl	O	2-Fluoro-8-methylhypoxanthine	F	O-acyl
CF ₃	O-acyl	O	2-Amino-8-methyladenine	F	O-acyl
CF ₃	O-acyl	O	2-Amino-8-methylhypoxanthine	F	O-acyl
CF ₃	O-acyl	O	2-N-acetyl-8-methylguanine	F	O-acyl
CF ₃	O-acyl	O	4-N-acetyl-8-methylcytosine	F	O-acyl
CF ₃	O-acyl	O	6-N-acetyl-8-methyladenine	F	O-acyl
CF ₃	O-acyl	O	4-N-acetyl-5-fluoro-8-methylcytosine	F	O-acyl
CF ₃	O-acyl	O	6-N-acetyl-2-fluoro-8-methyladenine	F	O-acyl
CF ₃	O-acyl	O	6-N-acetyl-2-amino-8-methyladenine	F	O-acyl
CF ₃	O-acyl	O	2-N-acetylamino-8-methyladenine	F	O-acyl
CF ₃	O-acyl	O	2-N-acetylamino-8-methylhypoxanthine	F	O-acyl
CF ₃	O-acyl	O	6-Methylthymine	F	OH
CF ₃	O-acyl	O	6-Methyluracil	F	OH
CF ₃	O-acyl	O	8-Methylguanine	F	OH
CF ₃	O-acyl	O	6-Methylcytosine	F	OH
CF ₃	O-acyl	O	8-Methyladenine	F	OH
CF ₃	O-acyl	O	8-Methylhypoxanthine	F	OH
CF ₃	O-acyl	O	5-Fluoro-6-Methyluracil	F	OH
CF ₃	O-acyl	O	5-Fluoro-6-Methylcytosine	F	OH
CF ₃	O-acyl	O	2-Fluoro-8-methyladenine	F	OH
CF ₃	O-acyl	O	2-Fluoro-8-methylhypoxanthine	F	OH
CF ₃	O-acyl	O	2-Amino-8-methyladenine	F	OH
CF ₃	O-acyl	O	2-Amino-8-methylhypoxanthine	F	OH
CF ₃	O-acyl	O	2-N-acetyl-8-methylguanine	F	OH
CF ₃	O-acyl	O	4-N-acetyl-8-methylcytosine	F	OH
CF ₃	O-acyl	O	6-N-acetyl-8-methyladenine	F	OH
CF ₃	O-acyl	O	4-N-acetyl-5-fluoro-8-methylcytosine	F	OH
CF ₃	O-acyl	O	6-N-acetyl-2-fluoro-8-methyladenine	F	OH
CF ₃	O-acyl	O	6-N-acetyl-2-amino-8-methyladenine	F	OH
CF ₃	O-acyl	O	2-N-acetylamino-8-methyladenine	F	OH
CF ₃	O-acyl	O	2-N-acetylamino-8-methylhypoxanthine	F	OH
CF ₃	O-acyl	O	6-Methylthymine	Br	H
CF ₃	O-acyl	O	6-Methyluracil	Br	H
CF ₃	O-acyl	O	8-Methylguanine	Br	H
CF ₃	O-acyl	O	6-Methylcytosine	Br	H
CF ₃	O-acyl	O	8-Methyladenine	Br	H
CF ₃	O-acyl	O	8-Methylhypoxanthine	Br	H
CF ₃	O-acyl	O	5-Fluoro-6-Methyluracil	Br	H
CF ₃	O-acyl	O	5-Fluoro-6-Methylcytosine	Br	H
CF ₃	O-acyl	O	2-Fluoro-8-methyladenine	Br	H
CF ₃	O-acyl	O	2-Fluoro-8-methylhypoxanthine	Br	H
CF ₃	O-acyl	O	2-Amino-8-methyladenine	Br	H
CF ₃	O-acyl	O	2-Amino-8-methylhypoxanthine	Br	H
CF ₃	O-acyl	O	2-N-acetyl-8-methylguanine	Br	H
CF ₃	O-acyl	O	4-N-acetyl-8-methylcytosine	Br	H
CF ₃	O-acyl	O	6-N-acetyl-8-methyladenine	Br	H
CF ₃	O-acyl	O	4-N-acetyl-5-fluoro-8-methylcytosine	Br	H
CF ₃	O-acyl	O	6-N-acetyl-2-fluoro-8-methyladenine	Br	H
CF ₃	O-acyl	O	6-N-acetyl-2-amino-8-methyladenine	Br	H
CF ₃	O-acyl	O	2-N-acetylamino-8-methyladenine	Br	H
CF ₃	O-acyl	O	2-N-acetylamino-8-methylhypoxanthine	Br	H
CF ₃	O-acyl	O	6-Methylthymine	Br	O-amino acid
CF ₃	O-acyl	O	6-Methyluracil	Br	O-amino acid
CF ₃	O-acyl	O	8-Methylguanine	Br	O-amino acid
CF ₃	O-acyl	O	6-Methylcytosine	Br	O-amino acid
CF ₃	O-acyl	O	8-Methyladenine	Br	O-amino acid
CF ₃	O-acyl	O	8-Methylhypoxanthine	Br	O-amino acid
CF ₃	O-acyl	O	5-Fluoro-6-Methyluracil	Br	O-amino acid
CF ₃	O-acyl	O	5-Fluoro-6-Methylcytosine	Br	O-amino acid
CF ₃	O-acyl	O	2-Fluoro-8-methyladenine	Br	O-amino acid
CF ₃	O-acyl	O	2-Fluoro-8-methylhypoxanthine	Br	O-amino acid
CF ₃	O-acyl	O	2-Amino-8-methyladenine	Br	O-amino acid
CF ₃	O-acyl	O	2-Amino-8-methylhypoxanthine	Br	O-amino acid
CF ₃	O-acyl	O	2-N-acetyl-8-methylguanine	Br	O-amino acid
CF ₃	O-acyl	O	4-N-acetyl-8-methylcytosine	Br	O-amino acid
CF ₃	O-acyl	O	6-N-acetyl-8-methyladenine	Br	O-amino acid
CF ₃	O-acyl	O	4-N-acetyl-5-fluoro-8-methylcytosine	Br	O-amino acid
CF ₃	O-acyl	O	6-N-acetyl-2-fluoro-8-methyladenine	Br	O-amino acid
CF ₃	O-acyl	O	6-N-acetyl-2-amino-8-methyladenine	Br	O-amino acid

TABLE 12-continued

R ⁶	R ⁷	X	Base	R ¹⁰	R ⁹
CF ₃	O-acyl	O	2-N-acetylamino-8-methyladenine	Br	O-amino acid
CF ₃	O-acyl	O	2-N-acetylamino-8-methylhypoxanthine	Br	O-amino acid
CF ₃	O-acyl	O	6-Methylthymine	Br	O-acyl
CF ₃	O-acyl	O	6-Methyluracil	Br	O-acyl
CF ₃	O-acyl	O	8-Methylguanine	Br	O-acyl
CF ₃	O-acyl	O	6-Methylcytosine	Br	O-acyl
CF ₃	O-acyl	O	8-Methyladenine	Br	O-acyl
CF ₃	O-acyl	O	8-Methylhypoxanthine	Br	O-acyl
CF ₃	O-acyl	O	5-Fluoro-6-Methyluracil	Br	O-acyl
CF ₃	O-acyl	O	5-Fluoro-6-Methylcytosine	Br	O-acyl
CF ₃	O-acyl	O	2-Fluoro-8-methyladenine	Br	O-acyl
CF ₃	O-acyl	O	2-Fluoro-8-methylhypoxanthine	Br	O-acyl
CF ₃	O-acyl	O	2-Amino-8-methyladenine	Br	O-acyl
CF ₃	O-acyl	O	2-Amino-8-methylhypoxanthine	Br	O-acyl
CF ₃	O-acyl	O	2-N-acetyl-8-methylguanine	Br	O-acyl
CF ₃	O-acyl	O	4-N-acetyl-8-methylcytosine	Br	O-acyl
CF ₃	O-acyl	O	6-N-acetyl-8-methyladenine	Br	O-acyl
CF ₃	O-acyl	O	4-N-acetyl-5-fluoro-8-methylcytosine	Br	O-acyl
CF ₃	O-acyl	O	6-N-acetyl-2-fluoro-8-methyladenine	Br	O-acyl
CF ₃	O-acyl	O	6-N-acetyl-2-amino-8-methyladenine	Br	O-acyl
CF ₃	O-acyl	O	2-N-acetylamino-8-methyladenine	Br	O-acyl
CF ₃	O-acyl	O	2-N-acetylamino-8-methylhypoxanthine	Br	O-acyl
CF ₃	O-acyl	O	6-Methylthymine	Br	OH
CF ₃	O-acyl	O	6-Methyluracil	Br	OH
CF ₃	O-acyl	O	8-Methylguanine	Br	OH
CF ₃	O-acyl	O	6-Methylcytosine	Br	OH
CF ₃	O-acyl	O	8-Methyladenine	Br	OH
CF ₃	O-acyl	O	8-Methylhypoxanthine	Br	OH
CF ₃	O-acyl	O	5-Fluoro-6-Methyluracil	Br	OH
CF ₃	O-acyl	O	5-Fluoro-6-Methylcytosine	Br	OH
CF ₃	O-acyl	O	2-Fluoro-8-methyladenine	Br	OH
CF ₃	O-acyl	O	2-Fluoro-8-methylhypoxanthine	Br	OH
CF ₃	O-acyl	O	2-Amino-8-methyladenine	Br	OH
CF ₃	O-acyl	O	2-Amino-8-methylhypoxanthine	Br	OH
CF ₃	O-acyl	O	2-N-acetyl-8-methylguanine	Br	OH
CF ₃	O-acyl	O	4-N-acetyl-8-methylcytosine	Br	OH
CF ₃	O-acyl	O	6-N-acetyl-8-methyladenine	Br	OH
CF ₃	O-acyl	O	4-N-acetyl-5-fluoro-8-methylcytosine	Br	OH
CF ₃	O-acyl	O	6-N-acetyl-2-fluoro-8-methyladenine	Br	OH
CF ₃	O-acyl	O	6-N-acetyl-2-amino-8-methyladenine	Br	OH
CF ₃	O-acyl	O	2-N-acetylamino-8-methyladenine	Br	OH
CF ₃	O-acyl	O	2-N-acetylamino-8-methylhypoxanthine	Br	OH
CF ₃	O-acyl	O	6-Methylthymine	Cl	O-acyl
CF ₃	O-acyl	O	6-Methyluracil	Cl	O-acyl
CF ₃	O-acyl	O	8-Methylguanine	Cl	O-acyl
CF ₃	O-acyl	O	6-Methylcytosine	Cl	O-acyl
CF ₃	O-acyl	O	8-Methyladenine	Cl	O-acyl
CF ₃	O-acyl	O	8-Methylhypoxanthine	Cl	O-acyl
CF ₃	O-acyl	O	5-Fluoro-6-Methyluracil	Cl	O-acyl
CF ₃	O-acyl	O	5-Fluoro-6-Methylcytosine	Cl	O-acyl
CF ₃	O-acyl	O	2-Fluoro-8-methyladenine	Cl	O-acyl
CF ₃	O-acyl	O	2-Fluoro-8-methylhypoxanthine	Cl	O-acyl
CF ₃	O-acyl	O	2-Amino-8-methyladenine	Cl	O-acyl
CF ₃	O-acyl	O	2-Amino-8-methylhypoxanthine	Cl	O-acyl
CF ₃	O-acyl	O	2-N-acetyl-8-methylguanine	Cl	O-acyl
CF ₃	O-acyl	O	4-N-acetyl-8-methylcytosine	Cl	O-acyl
CF ₃	O-acyl	O	6-N-acetyl-8-methyladenine	Cl	O-acyl
CF ₃	O-acyl	O	4-N-acetyl-5-fluoro-8-methylcytosine	Cl	O-acyl
CF ₃	O-acyl	O	6-N-acetyl-2-fluoro-8-methyladenine	Cl	O-acyl
CF ₃	O-acyl	O	6-N-acetyl-2-amino-8-methyladenine	Cl	O-acyl
CF ₃	O-acyl	O	2-N-acetylamino-8-methyladenine	Cl	O-acyl
CF ₃	O-acyl	O	2-N-acetylamino-8-methylhypoxanthine	Cl	O-acyl
CF ₃	O-acyl	O	6-Methylthymine	Cl	OH
CF ₃	O-acyl	O	6-Methyluracil	Cl	OH
CF ₃	O-acyl	O	8-Methylguanine	Cl	OH
CF ₃	O-acyl	O	6-Methylcytosine	Cl	OH
CF ₃	O-acyl	O	8-Methyladenine	Cl	OH
CF ₃	O-acyl	O	8-Methylhypoxanthine	Cl	OH
CF ₃	O-acyl	O	5-Fluoro-6-Methyluracil	Cl	OH
CF ₃	O-acyl	O	5-Fluoro-6-Methylcytosine	Cl	OH
CF ₃	O-acyl	O	2-Fluoro-8-methyladenine	Cl	OH
CF ₃	O-acyl	O	2-Fluoro-8-methylhypoxanthine	Cl	OH
CF ₃	O-acyl	O	2-Amino-8-methyladenine	Cl	OH
CF ₃	O-acyl	O	2-Amino-8-methylhypoxanthine	Cl	OH
CF ₃	O-acyl	O	2-N-acetyl-8-methylguanine	Cl	OH
CF ₃	O-acyl	O	4-N-acetyl-8-methylcytosine	Cl	OH
CF ₃	O-acyl	O	6-N-acetyl-8-methyladenine	Cl	OH

TABLE 12-continued

R ⁶	R ⁷	X	Base	R ¹⁰	R ⁹
CF ₃	O-acetyl	O	4-N-acetyl-5-fluoro-8-methylcytosine	Cl	OH
CF ₃	O-acetyl	O	6-N-acetyl-2-fluoro-8-methyladenine	Cl	OH
CF ₃	O-acetyl	O	6-N-acetyl-2-amino-8-methyladenine	Cl	OH
CF ₃	O-acetyl	O	2-N-acetylamino-8-methyladenine	Cl	OH
CF ₃	O-acetyl	O	2-N-acetylamino-8-methylhypoxanthine	Cl	OH
CF ₃	O-acetyl	O	6-Methylthymine	Cl	H
CF ₃	O-acetyl	O	6-Methyluracil	Cl	H
CF ₃	O-acetyl	O	8-Methylguanine	Cl	H
CF ₃	O-acetyl	O	6-Methylcytosine	Cl	H
CF ₃	O-acetyl	O	8-Methyladenine	Cl	H
CF ₃	O-acetyl	O	8-Methylhypoxanthine	Cl	H
CF ₃	O-acetyl	O	5-Fluoro-6-Methyluracil	Cl	H
CF ₃	O-acetyl	O	5-Fluoro-6-Methylcytosine	Cl	H
CF ₃	O-acetyl	O	2-Fluoro-8-methyladenine	Cl	H
CF ₃	O-acetyl	O	2-Fluoro-8-methylhypoxanthine	Cl	H
CF ₃	O-acetyl	O	2-Amino-8-methyladenine	Cl	H
CF ₃	O-acetyl	O	2-Amino-8-methylhypoxanthine	Cl	H
CF ₃	O-acetyl	O	2-N-acetyl-8-methylguanine	Cl	H
CF ₃	O-acetyl	O	4-N-acetyl-8-methylcytosine	Cl	O-amino acid
CF ₃	O-acetyl	O	6-N-acetyl-8-methyladenine	Cl	O-amino acid
CF ₃	O-acetyl	O	4-N-acetyl-5-fluoro-8-methylcytosine	Cl	O-amino acid
CF ₃	O-acetyl	O	6-N-acetyl-2-fluoro-8-methyladenine	Cl	O-amino acid
CF ₃	O-acetyl	O	6-N-acetyl-2-amino-8-methyladenine	Cl	O-amino acid
CF ₃	O-acetyl	O	2-N-acetylamino-8-methyladenine	Cl	O-amino acid
CF ₃	O-acetyl	O	2-N-acetylamino-8-methylhypoxanthine	Cl	O-amino acid
CF ₃	O-acetyl	O	5-Fluoro-6-Methylcytosine	Cl	O-amino acid
CF ₃	O-acetyl	O	2-Fluoro-8-methyladenine	Cl	O-amino acid
CF ₃	O-acetyl	O	2-Fluoro-8-methylhypoxanthine	Cl	O-amino acid
CF ₃	O-acetyl	O	2-Amino-8-methyladenine	Cl	O-amino acid
CF ₃	O-acetyl	O	2-Amino-8-methylhypoxanthine	Cl	O-amino acid
CF ₃	O-acetyl	O	2-N-acetyl-8-methylguanine	Cl	O-amino acid
CF ₃	O-acetyl	O	4-N-acetyl-8-methylcytosine	Cl	O-amino acid
CF ₃	O-acetyl	O	6-N-acetyl-8-methyladenine	Cl	O-amino acid
CF ₃	O-acetyl	O	4-N-acetyl-5-fluoro-8-methylcytosine	Cl	O-amino acid
CF ₃	O-acetyl	O	6-N-acetyl-2-fluoro-8-methyladenine	Cl	O-amino acid
CF ₃	O-acetyl	O	6-N-acetyl-2-amino-8-methyladenine	Cl	O-amino acid
CF ₃	O-acetyl	O	2-N-acetylamino-8-methyladenine	Cl	O-amino acid
CF ₃	O-acetyl	O	2-N-acetylamino-8-methylhypoxanthine	Cl	O-amino acid
CF ₃	O-acetyl	O	6-Methylthymine	H	H
CF ₃	O-acetyl	O	6-Methyluracil	H	H
CF ₃	O-acetyl	O	8-Methylguanine	H	H
CF ₃	O-acetyl	O	6-Methylcytosine	H	H
CF ₃	O-acetyl	O	8-Methyladenine	H	H
CF ₃	O-acetyl	O	8-Methylhypoxanthine	H	H
CF ₃	O-acetyl	O	5-Fluoro-6-Methyluracil	H	H
CF ₃	O-acetyl	O	5-Fluoro-6-Methylcytosine	H	H
CF ₃	O-acetyl	O	2-Fluoro-8-methyladenine	H	H
CF ₃	O-acetyl	O	2-Fluoro-8-methylhypoxanthine	H	H
CF ₃	O-acetyl	O	2-Amino-8-methyladenine	H	H
CF ₃	O-acetyl	O	2-Amino-8-methylhypoxanthine	H	H
CF ₃	O-acetyl	O	2-N-acetyl-8-methylguanine	H	H
CF ₃	O-acetyl	O	4-N-acetyl-8-methylcytosine	H	H
CF ₃	O-acetyl	O	6-N-acetyl-8-methyladenine	H	H
CF ₃	O-acetyl	O	4-N-acetyl-5-fluoro-8-methylcytosine	H	H
CF ₃	O-acetyl	O	6-N-acetyl-2-fluoro-8-methyladenine	H	H
CF ₃	O-acetyl	O	6-N-acetyl-2-amino-8-methyladenine	H	H
CF ₃	O-acetyl	O	2-N-acetylamino-8-methyladenine	H	H
CF ₃	O-acetyl	O	2-N-acetylamino-8-methylhypoxanthine	H	H
CF ₃	O-acetyl	O	6-Methylthymine	H	O-amino acid
CF ₃	O-acetyl	O	6-Methyluracil	H	O-amino acid
CF ₃	O-acetyl	O	8-Methylguanine	H	O-amino acid
CF ₃	O-acetyl	O	6-Methylcytosine	H	O-amino acid
CF ₃	O-acetyl	O	8-Methyladenine	H	O-amino acid
CF ₃	O-acetyl	O	8-Methylhypoxanthine	H	O-amino acid
CF ₃	O-acetyl	O	5-Fluoro-6-Methyluracil	H	O-amino acid
CF ₃	O-acetyl	O	5-Fluoro-6-Methylcytosine	H	O-amino acid
CF ₃	O-acetyl	O	2-Fluoro-8-methyladenine	H	O-amino acid
CF ₃	O-acetyl	O	2-Fluoro-8-methylhypoxanthine	H	O-amino acid
CF ₃	O-acetyl	O	2-Amino-8-methyladenine	H	O-amino acid
CF ₃	O-acetyl	O	2-Amino-8-methylhypoxanthine	H	O-amino acid
CF ₃	O-acetyl	O	2-N-acetyl-8-methylguanine	H	O-amino acid
CF ₃	O-acetyl	O	4-N-acetyl-8-methylcytosine	H	O-amino acid
CF ₃	O-acetyl	O	6-N-acetyl-8-methyladenine	H	O-amino acid
CF ₃	O-acetyl	O	4-N-acetyl-5-fluoro-8-methylcytosine	H	O-amino acid
CF ₃	O-acetyl	O	6-N-acetyl-2-fluoro-8-methyladenine	H	O-amino acid
CF ₃	O-acetyl	O	6-N-acetyl-2-amino-8-methyladenine	H	O-amino acid
CF ₃	O-acetyl	O	2-N-acetylamino-8-methyladenine	H	O-amino acid
CF ₃	O-acetyl	O	2-N-acetylamino-8-methylhypoxanthine	H	O-amino acid

TABLE 12-continued

R ⁶	R ⁷	X	Base	R ¹⁰	R ⁹
CF ₃	O-acyl	O	2-N-acetylamino-8-methylhypoxanthine	H	O-amino acid
CF ₃	O-acyl	O	6-Methylthymine	H	O-acyl
CF ₃	O-acyl	O	6-Methyluracil	H	O-acyl
CF ₃	O-acyl	O	8-Methylguanine	H	O-acyl
CF ₃	O-acyl	O	6-Methylcytosine	H	O-acyl
CF ₃	O-acyl	O	8-Methyladenine	H	O-acyl
CF ₃	O-acyl	O	8-Methylhypoxanthine	H	O-acyl
CF ₃	O-acyl	O	5-Fluoro-6-Methyluracil	H	O-acyl
CF ₃	O-acyl	O	5-Fluoro-6-Methylcytosine	H	O-acyl
CF ₃	O-acyl	O	2-Fluoro-8-methyladenine	H	O-acyl
CF ₃	O-acyl	O	2-Fluoro-8-methylhypoxanthine	H	O-acyl
CF ₃	O-acyl	O	2-Amino-8-methyladenine	H	O-acyl
CF ₃	O-acyl	O	2-Amino-8-methylhypoxanthine	H	O-acyl
CF ₃	O-acyl	O	2-N-acetyl-8-methylguanine	H	O-acyl
CF ₃	O-acyl	O	4-N-acetyl-8-methylcytosine	H	O-acyl
CF ₃	O-acyl	O	6-N-acetyl-8-methyladenine	H	O-acyl
CF ₃	O-acyl	O	4-N-acetyl-5-fluoro-8-methylcytosine	H	O-acyl
CF ₃	O-acyl	O	6-N-acetyl-2-fluoro-8-methyladenine	H	O-acyl
CF ₃	O-acyl	O	6-N-acetyl-2-amino-8-methyladenine	H	O-acyl
CF ₃	O-acyl	O	2-N-acetylamino-8-methyladenine	H	O-acyl
CF ₃	O-acyl	O	2-N-acetylamino-8-methylhypoxanthine	H	O-acyl
CF ₃	O-acyl	O	6-Methylthymine	H	OH
CF ₃	O-acyl	O	6-Methyluracil	H	OH
CF ₃	O-acyl	O	8-Methylguanine	H	OH
CF ₃	O-acyl	O	6-Methylcytosine	H	OH
CF ₃	O-acyl	O	8-Methyladenine	H	OH
CF ₃	O-acyl	O	8-Methylhypoxanthine	H	OH
CF ₃	O-acyl	O	5-Fluoro-6-Methyluracil	H	OH
CF ₃	O-acyl	O	5-Fluoro-6-Methylcytosine	H	OH
CF ₃	O-acyl	O	2-Fluoro-8-methyladenine	H	OH
CF ₃	O-acyl	O	2-Fluoro-8-methylhypoxanthine	H	OH
CF ₃	O-acyl	O	2-Amino-8-methyladenine	H	OH
CF ₃	O-acyl	O	2-Amino-8-methylhypoxanthine	H	OH
CF ₃	O-acyl	O	2-N-acetyl-8-methylguanine	H	OH
CF ₃	O-acyl	O	4-N-acetyl-8-methylcytosine	H	OH
CF ₃	O-acyl	O	6-N-acetyl-8-methyladenine	H	OH
CF ₃	O-acyl	O	4-N-acetyl-5-fluoro-8-methylcytosine	H	OH
CF ₃	O-acyl	O	6-N-acetyl-2-fluoro-8-methyladenine	H	OH
CF ₃	O-acyl	O	6-N-acetyl-2-amino-8-methyladenine	H	OH
CF ₃	O-acyl	O	2-N-acetylamino-8-methyladenine	H	OH
CF ₃	O-acyl	O	2-N-acetylamino-8-methylhypoxanthine	H	OH
CF ₃	O-acyl	O	6-Methylthymine	OH	H
CF ₃	O-acyl	O	6-Methyluracil	OH	H
CF ₃	O-acyl	O	8-Methylguanine	OH	H
CF ₃	O-acyl	O	6-Methylcytosine	OH	H
CF ₃	O-acyl	O	8-Methyladenine	OH	H
CF ₃	O-acyl	O	8-Methylhypoxanthine	OH	H
CF ₃	O-acyl	O	5-Fluoro-6-Methyluracil	OH	H
CF ₃	O-acyl	O	5-Fluoro-6-Methylcytosine	OH	H
CF ₃	O-acyl	O	2-Fluoro-8-methyladenine	OH	H
CF ₃	O-acyl	O	2-Fluoro-8-methylhypoxanthine	OH	H
CF ₃	O-acyl	O	2-Amino-8-methyladenine	OH	H
CF ₃	O-acyl	O	2-Amino-8-methylhypoxanthine	OH	H
CF ₃	O-acyl	O	2-N-acetyl-8-methylguanine	OH	H
CF ₃	O-acyl	O	4-N-acetyl-8-methylcytosine	OH	H
CF ₃	O-acyl	O	6-N-acetyl-8-methyladenine	OH	H
CF ₃	O-acyl	O	4-N-acetyl-5-fluoro-8-methylcytosine	OH	H
CF ₃	O-acyl	O	6-N-acetyl-2-fluoro-8-methyladenine	OH	H
CF ₃	O-acyl	O	6-N-acetyl-2-amino-8-methyladenine	OH	H
CF ₃	O-acyl	O	2-N-acetylamino-8-methyladenine	OH	H
CF ₃	O-acyl	O	2-N-acetylamino-8-methylhypoxanthine	OH	H
CF ₃	O-amino acid	O	6-Methylthymine	F	H
CF ₃	O-amino acid	O	6-Methyluracil	F	H
CF ₃	O-amino acid	O	8-Methylguanine	F	H
CF ₃	O-amino acid	O	6-Methylcytosine	F	H
CF ₃	O-amino acid	O	8-Methyladenine	F	H
CF ₃	O-amino acid	O	8-Methylhypoxanthine	F	H
CF ₃	O-amino acid	O	5-Fluoro-6-Methyluracil	F	H
CF ₃	O-amino acid	O	5-Fluoro-6-Methylcytosine	F	H
CF ₃	O-amino acid	O	2-Fluoro-8-methyladenine	F	H
CF ₃	O-amino acid	O	2-Fluoro-8-methylhypoxanthine	F	H
CF ₃	O-amino acid	O	2-Amino-8-methyladenine	F	H
CF ₃	O-amino acid	O	2-Amino-8-methylhypoxanthine	F	H
CF ₃	O-amino acid	O	2-N-acetyl-8-methylguanine	F	H
CF ₃	O-amino acid	O	4-N-acetyl-8-methylcytosine	F	H
CF ₃	O-amino acid	O	6-N-acetyl-8-methyladenine	F	H
CF ₃	O-amino acid	O	4-N-acetyl-5-fluoro-8-methylcytosine	F	H

TABLE 12-continued

R ⁶	R ⁷	X	Base	R ¹⁰	R ⁹
CF ₃	O-amino acid	O	6-N-acetyl-2-fluoro-8-methyladenine	F	H
CF ₃	O-amino acid	O	6-N-acetyl-2-amino-8-methyladenine	F	H
CF ₃	O-amino acid	O	2-N-acetyl-amino-8-methyladenine	F	H
CF ₃	O-amino acid	O	2-N-acetyl-amino-8-methylhypoxanthine	F	H
CF ₃	O-amino acid	O	6-Methylthymine	F	O-amino acid
CF ₃	O-amino acid	O	6-Methyluracil	F	O-amino acid
CF ₃	O-amino acid	O	8-Methylguanine	F	O-amino acid
CF ₃	O-amino acid	O	6-Methylcytosine	F	O-amino acid
CF ₃	O-amino acid	O	8-Methyladenine	F	O-amino acid
CF ₃	O-amino acid	O	8-Methylhypoxanthine	F	O-amino acid
CF ₃	O-amino acid	O	5-Fluoro-6-Methyluracil	F	O-amino acid
CF ₃	O-amino acid	O	5-Fluoro-6-Methylcytosine	F	O-amino acid
CF ₃	O-amino acid	O	2-Fluoro-8-methyladenine	F	O-amino acid
CF ₃	O-amino acid	O	2-Fluoro-8-methylhypoxanthine	F	O-amino acid
CF ₃	O-amino acid	O	2-Amino-8-methyladenine	F	O-amino acid
CF ₃	O-amino acid	O	2-Amino-8-methylhypoxanthine	F	O-amino acid
CF ₃	O-amino acid	O	2-N-acetyl-8-methylguanine	F	O-amino acid
CF ₃	O-amino acid	O	4-N-acetyl-8-methylcytosine	F	O-amino acid
CF ₃	O-amino acid	O	6-N-acetyl-8-methyladenine	F	O-amino acid
CF ₃	O-amino acid	O	4-N-acetyl-5-fluoro-8-methylcytosine	F	O-amino acid
CF ₃	O-amino acid	O	6-N-acetyl-2-fluoro-8-methyladenine	F	O-amino acid
CF ₃	O-amino acid	O	6-N-acetyl-2-amino-8-methyladenine	F	O-amino acid
CF ₃	O-amino acid	O	2-N-acetyl-amino-8-methyladenine	F	O-amino acid
CF ₃	O-amino acid	O	2-N-acetyl-amino-8-methylhypoxanthine	F	O-amino acid
CF ₃	O-amino acid	O	6-Methylthymine	F	O-acyl
CF ₃	O-amino acid	O	6-Methyluracil	F	O-acyl
CF ₃	O-amino acid	O	8-Methylguanine	F	O-acyl
CF ₃	O-amino acid	O	6-Methylcytosine	F	O-acyl
CF ₃	O-amino acid	O	8-Methyladenine	F	O-acyl
CF ₃	O-amino acid	O	8-Methylhypoxanthine	F	O-acyl
CF ₃	O-amino acid	O	5-Fluoro-6-Methyluracil	F	O-acyl
CF ₃	O-amino acid	O	5-Fluoro-6-Methylcytosine	F	O-acyl
CF ₃	O-amino acid	O	2-Fluoro-8-methyladenine	F	O-acyl
CF ₃	O-amino acid	O	2-Fluoro-8-methylhypoxanthine	F	O-acyl
CF ₃	O-amino acid	O	2-Amino-8-methyladenine	F	O-acyl
CF ₃	O-amino acid	O	2-Amino-8-methylhypoxanthine	F	O-acyl
CF ₃	O-amino acid	O	2-N-acetyl-8-methylguanine	F	O-acyl
CF ₃	O-amino acid	O	4-N-acetyl-8-methylcytosine	F	O-acyl
CF ₃	O-amino acid	O	6-N-acetyl-8-methyladenine	F	O-acyl
CF ₃	O-amino acid	O	4-N-acetyl-5-fluoro-8-methylcytosine	F	O-acyl
CF ₃	O-amino acid	O	6-N-acetyl-2-fluoro-8-methyladenine	F	O-acyl
CF ₃	O-amino acid	O	6-N-acetyl-2-amino-8-methyladenine	F	O-acyl
CF ₃	O-amino acid	O	2-N-acetyl-amino-8-methyladenine	F	O-acyl
CF ₃	O-amino acid	O	2-N-acetyl-amino-8-methylhypoxanthine	F	O-acyl
CF ₃	O-amino acid	O	6-Methylthymine	F	OH
CF ₃	O-amino acid	O	6-Methyluracil	F	OH
CF ₃	O-amino acid	O	8-Methylguanine	F	OH
CF ₃	O-amino acid	O	6-Methylcytosine	F	OH
CF ₃	O-amino acid	O	8-Methyladenine	F	OH
CF ₃	O-amino acid	O	8-Methylhypoxanthine	F	OH
CF ₃	O-amino acid	O	5-Fluoro-6-Methyluracil	F	OH
CF ₃	O-amino acid	O	5-Fluoro-6-Methylcytosine	F	OH
CF ₃	O-amino acid	O	2-Fluoro-8-methyladenine	F	OH
CF ₃	O-amino acid	O	2-Fluoro-8-methylhypoxanthine	F	OH
CF ₃	O-amino acid	O	2-Amino-8-methyladenine	F	OH
CF ₃	O-amino acid	O	2-Amino-8-methylhypoxanthine	F	OH
CF ₃	O-amino acid	O	2-N-acetyl-8-methylguanine	F	OH
CF ₃	O-amino acid	O	4-N-acetyl-8-methylcytosine	F	OH
CF ₃	O-amino acid	O	6-N-acetyl-8-methyladenine	F	OH
CF ₃	O-amino acid	O	4-N-acetyl-5-fluoro-8-methylcytosine	F	OH
CF ₃	O-amino acid	O	6-N-acetyl-2-fluoro-8-methyladenine	F	OH
CF ₃	O-amino acid	O	6-N-acetyl-2-amino-8-methyladenine	F	OH
CF ₃	O-amino acid	O	2-N-acetyl-amino-8-methyladenine	F	OH
CF ₃	O-amino acid	O	2-N-acetyl-amino-8-methylhypoxanthine	F	OH
CF ₃	O-amino acid	O	6-Methylthymine	Br	H
CF ₃	O-amino acid	O	6-Methyluracil	Br	H
CF ₃	O-amino acid	O	8-Methylguanine	Br	H
CF ₃	O-amino acid	O	6-Methylcytosine	Br	H
CF ₃	O-amino acid	O	8-Methyladenine	Br	H
CF ₃	O-amino acid	O	8-Methylhypoxanthine	Br	H
CF ₃	O-amino acid	O	5-Fluoro-6-Methyluracil	Br	H
CF ₃	O-amino acid	O	5-Fluoro-6-Methylcytosine	Br	H
CF ₃	O-amino acid	O	2-Fluoro-8-methyladenine	Br	H
CF ₃	O-amino acid	O	2-Fluoro-8-methylhypoxanthine	Br	H
CF ₃	O-amino acid	O	2-Amino-8-methyladenine	Br	H
CF ₃	O-amino acid	O	2-Amino-8-methylhypoxanthine	Br	H
CF ₃	O-amino acid	O	2-N-acetyl-8-methylguanine	Br	H

TABLE 12-continued

R ⁶	R ⁷	X	Base	R ¹⁰	R ⁹
CF ₃	O-amino acid	O	4-N-acetyl-8-methylcytosine	Br	H
CF ₃	O-amino acid	O	6-N-acetyl-8-methyladenine	Br	H
CF ₃	O-amino acid	O	4-N-acetyl-5-fluoro-8-methylcytosine	Br	H
CF ₃	O-amino acid	O	6-N-acetyl-2-fluoro-8-methyladenine	Br	H
CF ₃	O-amino acid	O	6-N-acetyl-2-amino-8-methyladenine	Br	H
CF ₃	O-amino acid	O	2-N-acetyl-amino-8-methyladenine	Br	H
CF ₃	O-amino acid	O	2-N-acetyl-amino-8-methylhypoxanthine	Br	H
CF ₃	O-amino acid	O	6-Methylthymine	Br	O-amino acid
CF ₃	O-amino acid	O	6-Methyluracil	Br	O-amino acid
CF ₃	O-amino acid	O	8-Methylguanine	Br	O-amino acid
CF ₃	O-amino acid	O	6-Methylcytosine	Br	O-amino acid
CF ₃	O-amino acid	O	8-Methyladenine	Br	O-amino acid
CF ₃	O-amino acid	O	8-Methylhypoxanthine	Br	O-amino acid
CF ₃	O-amino acid	O	5-Fluoro-6-Methyluracil	Br	O-amino acid
CF ₃	O-amino acid	O	5-Fluoro-6-Methylcytosine	Br	O-amino acid
CF ₃	O-amino acid	O	2-Fluoro-8-methyladenine	Br	O-amino acid
CF ₃	O-amino acid	O	2-Fluoro-8-methylhypoxanthine	Br	O-amino acid
CF ₃	O-amino acid	O	2-Amino-8-methyladenine	Br	O-amino acid
CF ₃	O-amino acid	O	2-Amino-8-methylhypoxanthine	Br	O-amino acid
CF ₃	O-amino acid	O	2-N-acetyl-8-methylguanine	Br	O-amino acid
CF ₃	O-amino acid	O	4-N-acetyl-8-methylcytosine	Br	O-amino acid
CF ₃	O-amino acid	O	6-N-acetyl-8-methyladenine	Br	O-amino acid
CF ₃	O-amino acid	O	4-N-acetyl-5-fluoro-8-methylcytosine	Br	O-amino acid
CF ₃	O-amino acid	O	6-N-acetyl-2-fluoro-8-methyladenine	Br	O-amino acid
CF ₃	O-amino acid	O	6-N-acetyl-2-amino-8-methyladenine	Br	O-amino acid
CF ₃	O-amino acid	O	2-N-acetyl-amino-8-methyladenine	Br	O-amino acid
CF ₃	O-amino acid	O	2-N-acetyl-amino-8-methylhypoxanthine	Br	O-amino acid
CF ₃	O-amino acid	O	6-Methylthymine	Br	O-acyl
CF ₃	O-amino acid	O	6-Methyluracil	Br	O-acyl
CF ₃	O-amino acid	O	8-Methylguanine	Br	O-acyl
CF ₃	O-amino acid	O	6-Methylcytosine	Br	O-acyl
CF ₃	O-amino acid	O	8-Methyladenine	Br	O-acyl
CF ₃	O-amino acid	O	8-Methylhypoxanthine	Br	O-acyl
CF ₃	O-amino acid	O	5-Fluoro-6-Methyluracil	Br	O-acyl
CF ₃	O-amino acid	O	5-Fluoro-6-Methylcytosine	Br	O-acyl
CF ₃	O-amino acid	O	2-Fluoro-8-methyladenine	Br	O-acyl
CF ₃	O-amino acid	O	2-Fluoro-8-methylhypoxanthine	Br	O-acyl
CF ₃	O-amino acid	O	2-Amino-8-methyladenine	Br	O-acyl
CF ₃	O-amino acid	O	2-Amino-8-methylhypoxanthine	Br	O-acyl
CF ₃	O-amino acid	O	2-N-acetyl-8-methylguanine	Br	O-acyl
CF ₃	O-amino acid	O	4-N-acetyl-8-methylcytosine	Br	O-acyl
CF ₃	O-amino acid	O	6-N-acetyl-8-methyladenine	Br	O-acyl
CF ₃	O-amino acid	O	4-N-acetyl-5-fluoro-8-methylcytosine	Br	O-acyl
CF ₃	O-amino acid	O	6-N-acetyl-2-fluoro-8-methyladenine	Br	O-acyl
CF ₃	O-amino acid	O	6-N-acetyl-2-amino-8-methyladenine	Br	O-acyl
CF ₃	O-amino acid	O	2-N-acetyl-amino-8-methyladenine	Br	O-acyl
CF ₃	O-amino acid	O	2-N-acetyl-amino-8-methylhypoxanthine	Br	O-acyl
CF ₃	O-amino acid	O	6-Methylthymine	Br	OH
CF ₃	O-amino acid	O	6-Methyluracil	Br	OH
CF ₃	O-amino acid	O	8-Methylguanine	Br	OH
CF ₃	O-amino acid	O	6-Methylcytosine	Br	OH
CF ₃	O-amino acid	O	8-Methyladenine	Br	OH
CF ₃	O-amino acid	O	8-Methylhypoxanthine	Br	OH
CF ₃	O-amino acid	O	5-Fluoro-6-Methyluracil	Br	OH
CF ₃	O-amino acid	O	5-Fluoro-6-Methylcytosine	Br	OH
CF ₃	O-amino acid	O	2-Fluoro-8-methyladenine	Br	OH
CF ₃	O-amino acid	O	2-Fluoro-8-methylhypoxanthine	Br	OH
CF ₃	O-amino acid	O	2-Amino-8-methyladenine	Br	OH
CF ₃	O-amino acid	O	2-Amino-8-methylhypoxanthine	Br	OH
CF ₃	O-amino acid	O	2-N-acetyl-8-methylguanine	Br	OH
CF ₃	O-amino acid	O	4-N-acetyl-8-methylcytosine	Br	OH
CF ₃	O-amino acid	O	6-N-acetyl-8-methyladenine	Br	OH
CF ₃	O-amino acid	O	4-N-acetyl-5-fluoro-8-methylcytosine	Br	OH
CF ₃	O-amino acid	O	6-N-acetyl-2-fluoro-8-methyladenine	Br	OH
CF ₃	O-amino acid	O	6-N-acetyl-2-amino-8-methyladenine	Br	OH
CF ₃	O-amino acid	O	2-N-acetyl-amino-8-methyladenine	Br	OH
CF ₃	O-amino acid	O	2-N-acetyl-amino-8-methylhypoxanthine	Br	OH
CF ₃	O-amino acid	O	6-Methylthymine	Cl	H
CF ₃	O-amino acid	O	6-Methyluracil	Cl	H
CF ₃	O-amino acid	O	8-Methylguanine	Cl	H
CF ₃	O-amino acid	O	6-Methylcytosine	Cl	H
CF ₃	O-amino acid	O	8-Methyladenine	Cl	H
CF ₃	O-amino acid	O	8-Methylhypoxanthine	Cl	H
CF ₃	O-amino acid	O	5-Fluoro-6-Methyluracil	Cl	H
CF ₃	O-amino acid	O	5-Fluoro-6-Methylcytosine	Cl	H
CF ₃	O-amino acid	O	2-Fluoro-8-methyladenine	Cl	H
CF ₃	O-amino acid	O	2-Fluoro-8-methylhypoxanthine	Cl	H

TABLE 12-continued

R ⁶	R ⁷	X	Base	R ¹⁰	R ⁹
CF ₃	O-amino acid	O	2-Amino-8-methyladenine	Cl	H
CF ₃	O-amino acid	O	2-Amino-8-methylhypoxanthine	Cl	H
CF ₃	O-amino acid	O	2-N-acetyl-8-methylguanine	Cl	H
CF ₃	O-amino acid	O	4-N-acetyl-8-methylcytosine	Cl	H
CF ₃	O-amino acid	O	6-N-acetyl-8-methyladenine	Cl	H
CF ₃	O-amino acid	O	4-N-acetyl-5-fluoro-8-methylcytosine	Cl	H
CF ₃	O-amino acid	O	6-N-acetyl-2-fluoro-8-methyladenine	Cl	H
CF ₃	O-amino acid	O	6-N-acetyl-2-amino-8-methyladenine	Cl	H
CF ₃	O-amino acid	O	2-N-acetyl-amino-8-methyladenine	Cl	H
CF ₃	O-amino acid	O	2-N-acetyl-amino-8-methylhypoxanthine	Cl	H
CF ₃	O-amino acid	O	6-Methylthymine	Cl	O-amino acid
CF ₃	O-amino acid	O	6-Methyluracil	Cl	O-amino acid
CF ₃	O-amino acid	O	8-Methylguanine	Cl	O-amino acid
CF ₃	O-amino acid	O	6-Methylcytosine	Cl	O-amino acid
CF ₃	O-amino acid	O	8-Methyladenine	Cl	O-amino acid
CF ₃	O-amino acid	O	8-Methylhypoxanthine	Cl	O-amino acid
CF ₃	O-amino acid	O	5-Fluoro-6-Methyluracil	Cl	O-amino acid
CF ₃	O-amino acid	O	5-Fluoro-6-Methylcytosine	Cl	O-amino acid
CF ₃	O-amino acid	O	2-Fluoro-8-methyladenine	Cl	O-amino acid
CF ₃	O-amino acid	O	2-Fluoro-8-methylhypoxanthine	Cl	O-amino acid
CF ₃	O-amino acid	O	2-Amino-8-methyladenine	Cl	O-amino acid
CF ₃	O-amino acid	O	2-Amino-8-methylhypoxanthine	Cl	O-amino acid
CF ₃	O-amino acid	O	2-N-acetyl-8-methylguanine	Cl	O-amino acid
CF ₃	O-amino acid	O	4-N-acetyl-8-methylcytosine	Cl	O-amino acid
CF ₃	O-amino acid	O	6-N-acetyl-8-methyladenine	Cl	O-amino acid
CF ₃	O-amino acid	O	4-N-acetyl-5-fluoro-8-methylcytosine	Cl	O-amino acid
CF ₃	O-amino acid	O	6-N-acetyl-2-fluoro-8-methyladenine	Cl	O-amino acid
CF ₃	O-amino acid	O	6-N-acetyl-2-amino-8-methyladenine	Cl	O-amino acid
CF ₃	O-amino acid	O	2-N-acetyl-amino-8-methyladenine	Cl	O-amino acid
CF ₃	O-amino acid	O	2-N-acetyl-amino-8-methylhypoxanthine	Cl	O-amino acid
CF ₃	O-amino acid	O	6-Methylthymine	Cl	O-acyl
CF ₃	O-amino acid	O	6-Methyluracil	Cl	O-acyl
CF ₃	O-amino acid	O	8-Methylguanine	Cl	O-acyl
CF ₃	O-amino acid	O	6-Methylcytosine	Cl	O-acyl
CF ₃	O-amino acid	O	8-Methyladenine	Cl	O-acyl
CF ₃	O-amino acid	O	8-Methylhypoxanthine	Cl	O-acyl
CF ₃	O-amino acid	O	5-Fluoro-6-Methyluracil	Cl	O-acyl
CF ₃	O-amino acid	O	5-Fluoro-6-Methylcytosine	Cl	O-acyl
CF ₃	O-amino acid	O	2-Fluoro-8-methyladenine	Cl	O-acyl
CF ₃	O-amino acid	O	2-Fluoro-8-methylhypoxanthine	Cl	O-acyl
CF ₃	O-amino acid	O	2-Amino-8-methyladenine	Cl	O-acyl
CF ₃	O-amino acid	O	2-Amino-8-methylhypoxanthine	Cl	O-acyl
CF ₃	O-amino acid	O	2-N-acetyl-8-methylguanine	Cl	O-acyl
CF ₃	O-amino acid	O	4-N-acetyl-8-methylcytosine	Cl	O-acyl
CF ₃	O-amino acid	O	6-N-acetyl-8-methyladenine	Cl	O-acyl
CF ₃	O-amino acid	O	4-N-acetyl-5-fluoro-8-methylcytosine	Cl	O-acyl
CF ₃	O-amino acid	O	6-N-acetyl-2-fluoro-8-methyladenine	Cl	O-acyl
CF ₃	O-amino acid	O	6-N-acetyl-2-amino-8-methyladenine	Cl	O-acyl
CF ₃	O-amino acid	O	2-N-acetyl-amino-8-methyladenine	Cl	O-acyl
CF ₃	O-amino acid	O	2-N-acetyl-amino-8-methylhypoxanthine	Cl	O-acyl
CF ₃	O-amino acid	O	6-Methylthymine	Cl	OH
CF ₃	O-amino acid	O	6-Methyluracil	Cl	OH
CF ₃	O-amino acid	O	8-Methylguanine	Cl	OH
CF ₃	O-amino acid	O	6-Methylcytosine	Cl	OH
CF ₃	O-amino acid	O	8-Methyladenine	Cl	OH
CF ₃	O-amino acid	O	8-Methylhypoxanthine	Cl	OH
CF ₃	O-amino acid	O	5-Fluoro-6-Methyluracil	Cl	OH
CF ₃	O-amino acid	O	5-Fluoro-6-Methylcytosine	Cl	OH
CF ₃	O-amino acid	O	2-Fluoro-8-methyladenine	Cl	OH
CF ₃	O-amino acid	O	2-Fluoro-8-methylhypoxanthine	Cl	OH
CF ₃	O-amino acid	O	2-Amino-8-methyladenine	Cl	OH
CF ₃	O-amino acid	O	2-Amino-8-methylhypoxanthine	Cl	OH
CF ₃	O-amino acid	O	2-N-acetyl-8-methylguanine	Cl	OH
CF ₃	O-amino acid	O	4-N-acetyl-8-methylcytosine	Cl	OH
CF ₃	O-amino acid	O	6-N-acetyl-8-methyladenine	Cl	OH
CF ₃	O-amino acid	O	4-N-acetyl-5-fluoro-8-methylcytosine	Cl	OH
CF ₃	O-amino acid	O	6-N-acetyl-2-fluoro-8-methyladenine	Cl	OH
CF ₃	O-amino acid	O	6-N-acetyl-2-amino-8-methyladenine	Cl	OH
CF ₃	O-amino acid	O	2-N-acetyl-amino-8-methyladenine	Cl	OH
CF ₃	O-amino acid	O	2-N-acetyl-amino-8-methylhypoxanthine	Cl	OH
CF ₃	O-amino acid	O	6-Methylthymine	H	H
CF ₃	O-amino acid	O	6-Methyluracil	H	H
CF ₃	O-amino acid	O	8-Methylguanine	H	H
CF ₃	O-amino acid	O	6-Methylcytosine	H	H
CF ₃	O-amino acid	O	8-Methyladenine	H	H
CF ₃	O-amino acid	O	8-Methylhypoxanthine	H	H
CF ₃	O-amino acid	O	5-Fluoro-6-Methyluracil	H	H

TABLE 12-continued

R ⁶	R ⁷	X	Base	R ¹⁰	R ⁹
CF ₃	O-amino acid	O	5-Fluoro-6-Methylcytosine	H	H
CF ₃	O-amino acid	O	2-Fluoro-8-methyladenine	H	H
CF ₃	O-amino acid	O	2-Fluoro-8-methylhypoxanthine	H	H
CF ₃	O-amino acid	O	2-Amino-8-methyladenine	H	H
CF ₃	O-amino acid	O	2-Amino-8-methylhypoxanthine	H	H
CF ₃	O-amino acid	O	2-N-acetyl-8-methylguanine	H	H
CF ₃	O-amino acid	O	4-N-acetyl-8-methylcytosine	H	H
CF ₃	O-amino acid	O	6-N-acetyl-8-methyladenine	H	H
CF ₃	O-amino acid	O	4-N-acetyl-5-fluoro-8-methylcytosine	H	H
CF ₃	O-amino acid	O	6-N-acetyl-2-fluoro-8-methyladenine	H	H
CF ₃	O-amino acid	O	6-N-acetyl-2-amino-8-methyladenine	H	H
CF ₃	O-amino acid	O	2-N-acetylamino-8-methyladenine	H	H
CF ₃	O-amino acid	O	2-N-acetylamino-8-methylhypoxanthine	H	H
CF ₃	O-amino acid	O	6-Methylthymine	H	O-amino acid
CF ₃	O-amino acid	O	6-Methyluracil	H	O-amino acid
CF ₃	O-amino acid	O	8-Methylguanine	H	O-amino acid
CF ₃	O-amino acid	O	6-Methylcytosine	H	O-amino acid
CF ₃	O-amino acid	O	8-Methyladenine	H	O-amino acid
CF ₃	O-amino acid	O	8-Methylhypoxanthine	H	O-amino acid
CF ₃	O-amino acid	O	5-Fluoro-6-Methyluracil	H	O-amino acid
CF ₃	O-amino acid	O	5-Fluoro-6-Methylcytosine	H	O-amino acid
CF ₃	O-amino acid	O	2-Fluoro-8-methyladenine	H	O-amino acid
CF ₃	O-amino acid	O	2-Fluoro-8-methylhypoxanthine	H	O-amino acid
CF ₃	O-amino acid	O	2-Amino-8-methyladenine	H	O-amino acid
CF ₃	O-amino acid	O	2-Amino-8-methylhypoxanthine	H	O-amino acid
CF ₃	O-amino acid	O	2-N-acetyl-8-methylguanine	H	O-amino acid
CF ₃	O-amino acid	O	4-N-acetyl-8-methylcytosine	H	O-amino acid
CF ₃	O-amino acid	O	6-N-acetyl-8-methyladenine	H	O-amino acid
CF ₃	O-amino acid	O	4-N-acetyl-5-fluoro-8-methylcytosine	H	O-amino acid
CF ₃	O-amino acid	O	6-N-acetyl-2-fluoro-8-methyladenine	H	O-amino acid
CF ₃	O-amino acid	O	6-N-acetyl-2-amino-8-methyladenine	H	O-amino acid
CF ₃	O-amino acid	O	2-N-acetylamino-8-methyladenine	H	O-amino acid
CF ₃	O-amino acid	O	2-N-acetylamino-8-methylhypoxanthine	H	O-amino acid
CF ₃	O-amino acid	O	6-Methylthymine	H	O-acyl
CF ₃	O-amino acid	O	6-Methyluracil	H	O-acyl
CF ₃	O-amino acid	O	8-Methylguanine	H	O-acyl
CF ₃	O-amino acid	O	6-Methylcytosine	H	O-acyl
CF ₃	O-amino acid	O	8-Methyladenine	H	O-acyl
CF ₃	O-amino acid	O	8-Methylhypoxanthine	H	O-acyl
CF ₃	O-amino acid	O	5-Fluoro-6-Methyluracil	H	O-acyl
CF ₃	O-amino acid	O	5-Fluoro-6-Methylcytosine	H	O-acyl
CF ₃	O-amino acid	O	2-Fluoro-8-methyladenine	H	O-acyl
CF ₃	O-amino acid	O	2-Fluoro-8-methylhypoxanthine	H	O-acyl
CF ₃	O-amino acid	O	2-Amino-8-methyladenine	H	O-acyl
CF ₃	O-amino acid	O	2-Amino-8-methylhypoxanthine	H	O-acyl
CF ₃	O-amino acid	O	2-N-acetyl-8-methylguanine	H	O-acyl
CF ₃	O-amino acid	O	4-N-acetyl-8-methylcytosine	H	O-acyl
CF ₃	O-amino acid	O	6-N-acetyl-8-methyladenine	H	O-acyl
CF ₃	O-amino acid	O	4-N-acetyl-5-fluoro-8-methylcytosine	H	O-acyl
CF ₃	O-amino acid	O	6-N-acetyl-2-fluoro-8-methyladenine	H	O-acyl
CF ₃	O-amino acid	O	6-N-acetyl-2-amino-8-methyladenine	H	O-acyl
CF ₃	O-amino acid	O	2-N-acetylamino-8-methyladenine	H	O-acyl
CF ₃	O-amino acid	O	2-N-acetylamino-8-methylhypoxanthine	H	O-acyl
CF ₃	O-amino acid	O	6-Methylthymine	H	OH
CF ₃	O-amino acid	O	6-Methyluracil	H	OH
CF ₃	O-amino acid	O	8-Methylguanine	H	OH
CF ₃	O-amino acid	O	6-Methylcytosine	H	OH
CF ₃	O-amino acid	O	8-Methyladenine	H	OH
CF ₃	O-amino acid	O	8-Methylhypoxanthine	H	OH
CF ₃	O-amino acid	O	5-Fluoro-6-Methyluracil	H	OH
CF ₃	O-amino acid	O	5-Fluoro-6-Methylcytosine	H	OH
CF ₃	O-amino acid	O	2-Fluoro-8-methyladenine	H	OH
CF ₃	O-amino acid	O	2-Fluoro-8-methylhypoxanthine	H	OH
CF ₃	O-amino acid	O	2-Amino-8-methyladenine	H	OH
CF ₃	O-amino acid	O	2-Amino-8-methylhypoxanthine	H	OH
CF ₃	O-amino acid	O	2-N-acetyl-8-methylguanine	H	OH
CF ₃	O-amino acid	O	4-N-acetyl-8-methylcytosine	H	OH
CF ₃	O-amino acid	O	6-N-acetyl-8-methyladenine	H	OH
CF ₃	O-amino acid	O	4-N-acetyl-5-fluoro-8-methylcytosine	H	OH
CF ₃	O-amino acid	O	6-N-acetyl-2-fluoro-8-methyladenine	H	OH
CF ₃	O-amino acid	O	6-N-acetyl-2-amino-8-methyladenine	H	OH
CF ₃	O-amino acid	O	2-N-acetylamino-8-methyladenine	H	OH
CF ₃	O-amino acid	O	2-N-acetylamino-8-methylhypoxanthine	H	OH
CF ₃	O-amino acid	O	6-Methylthymine	OH	H
CF ₃	O-amino acid	O	6-Methyluracil	OH	H
CF ₃	O-amino acid	O	8-Methylguanine	OH	H
CF ₃	O-amino acid	O	6-Methylcytosine	OH	H

TABLE 12-continued

R ⁶	R ⁷	X	Base	R ¹⁰	R ⁹
CF ₃	O-amino acid	O	8-Methyladenine	OH	H
CF ₃	O-amino acid	O	8-Methylhypoxanthine	OH	H
CF ₃	O-amino acid	O	5-Fluoro-6-Methyluracil	OH	H
CF ₃	O-amino acid	O	5-Fluoro-6-Methylcytosine	OH	H
CF ₃	O-amino acid	O	2-Fluoro-8-methyladenine	OH	H
CF ₃	O-amino acid	O	2-Fluoro-8-methylhypoxanthine	OH	H
CF ₃	O-amino acid	O	2-Amino-8-methyladenine	OH	H
CF ₃	O-amino acid	O	2-Amino-8-methylhypoxanthine	OH	H
CF ₃	O-amino acid	O	2-N-acetyl-8-methylguanine	OH	H
CF ₃	O-amino acid	O	4-N-acetyl-8-methylcytosine	OH	H
CF ₃	O-amino acid	O	6-N-acetyl-8-methyladenine	OH	H
CF ₃	O-amino acid	O	4-N-acetyl-5-fluoro-8-methylcytosine	OH	H
CF ₃	O-amino acid	O	6-N-acetyl-2-fluoro-8-methyladenine	OH	H
CF ₃	O-amino acid	O	6-N-acetyl-2-amino-8-methyladenine	OH	H
CF ₃	O-amino acid	O	2-N-acetylamino-8-methyladenine	OH	H
CF ₃	O-amino acid	O	2-N-acetylamino-8-methylhypoxanthine	OH	H
CF ₃	OH	O	6-Methylthymine	F	O-amino acid
CF ₃	OH	O	6-Methyluracil	F	O-amino acid
CF ₃	OH	O	8-Methylguanine	F	O-amino acid
CF ₃	OH	O	6-Methylcytosine	F	O-amino acid
CF ₃	OH	O	8-Methyladenine	F	O-amino acid
CF ₃	OH	O	8-Methylhypoxanthine	F	O-amino acid
CF ₃	OH	O	5-Fluoro-6-Methyluracil	F	O-amino acid
CF ₃	OH	O	5-Fluoro-6-Methylcytosine	F	O-amino acid
CF ₃	OH	O	2-Fluoro-8-methyladenine	F	O-amino acid
CF ₃	OH	O	2-Fluoro-8-methylhypoxanthine	F	O-amino acid
CF ₃	OH	O	2-Amino-8-methyladenine	F	O-amino acid
CF ₃	OH	O	2-Amino-8-methylhypoxanthine	F	O-amino acid
CF ₃	OH	O	2-N-acetyl-8-methylguanine	F	O-amino acid
CF ₃	OH	O	4-N-acetyl-8-methylcytosine	F	O-amino acid
CF ₃	OH	O	6-N-acetyl-8-methyladenine	F	O-amino acid
CF ₃	OH	O	4-N-acetyl-5-fluoro-8-methylcytosine	F	O-amino acid
CF ₃	OH	O	6-N-acetyl-2-fluoro-8-methyladenine	F	O-amino acid
CF ₃	OH	O	6-N-acetyl-2-amino-8-methyladenine	F	O-amino acid
CF ₃	OH	O	2-N-acetylamino-8-methyladenine	F	O-amino acid
CF ₃	OH	O	2-N-acetylamino-8-methylhypoxanthine	F	O-amino acid
CF ₃	OH	O	6-Methylthymine	F	O-acyl
CF ₃	OH	O	6-Methyluracil	F	O-acyl
CF ₃	OH	O	8-Methylguanine	F	O-acyl
CF ₃	OH	O	6-Methylcytosine	F	O-acyl
CF ₃	OH	O	8-Methyladenine	F	O-acyl
CF ₃	OH	O	8-Methylhypoxanthine	F	O-acyl
CF ₃	OH	O	5-Fluoro-6-Methyluracil	F	O-acyl
CF ₃	OH	O	5-Fluoro-6-Methylcytosine	F	O-acyl
CF ₃	OH	O	2-Fluoro-8-methyladenine	F	O-acyl
CF ₃	OH	O	2-Fluoro-8-methylhypoxanthine	F	O-acyl
CF ₃	OH	O	2-Amino-8-methyladenine	F	O-acyl
CF ₃	OH	O	2-Amino-8-methylhypoxanthine	F	O-acyl
CF ₃	OH	O	2-N-acetyl-8-methylguanine	F	O-acyl
CF ₃	OH	O	4-N-acetyl-8-methylcytosine	F	O-acyl
CF ₃	OH	O	6-N-acetyl-8-methyladenine	F	O-acyl
CF ₃	OH	O	4-N-acetyl-5-fluoro-8-methylcytosine	F	O-acyl
CF ₃	OH	O	6-N-acetyl-2-fluoro-8-methyladenine	F	O-acyl
CF ₃	OH	O	6-N-acetyl-2-amino-8-methyladenine	F	O-acyl
CF ₃	OH	O	2-N-acetylamino-8-methyladenine	F	O-acyl
CF ₃	OH	O	2-N-acetylamino-8-methylhypoxanthine	F	O-acyl
CF ₃	OH	O	6-Methylthymine	Br	O-amino acid
CF ₃	OH	O	6-Methyluracil	Br	O-amino acid
CF ₃	OH	O	8-Methylguanine	Br	O-amino acid
CF ₃	OH	O	6-Methylcytosine	Br	O-amino acid
CF ₃	OH	O	8-Methyladenine	Br	O-amino acid
CF ₃	OH	O	8-Methylhypoxanthine	Br	O-amino acid
CF ₃	OH	O	5-Fluoro-6-Methyluracil	Br	O-amino acid
CF ₃	OH	O	5-Fluoro-6-Methylcytosine	Br	O-amino acid
CF ₃	OH	O	2-Fluoro-8-methyladenine	Br	O-amino acid
CF ₃	OH	O	2-Fluoro-8-methylhypoxanthine	Br	O-amino acid
CF ₃	OH	O	2-Amino-8-methyladenine	Br	O-amino acid
CF ₃	OH	O	2-Amino-8-methylhypoxanthine	Br	O-amino acid
CF ₃	OH	O	2-N-acetyl-8-methylguanine	Br	O-amino acid
CF ₃	OH	O	4-N-acetyl-8-methylcytosine	Br	O-amino acid
CF ₃	OH	O	6-N-acetyl-8-methyladenine	Br	O-amino acid
CF ₃	OH	O	4-N-acetyl-5-fluoro-8-methylcytosine	Br	O-amino acid
CF ₃	OH	O	6-N-acetyl-2-fluoro-8-methyladenine	Br	O-amino acid
CF ₃	OH	O	6-N-acetyl-2-amino-8-methyladenine	Br	O-amino acid
CF ₃	OH	O	2-N-acetylamino-8-methyladenine	Br	O-amino acid
CF ₃	OH	O	2-N-acetylamino-8-methylhypoxanthine	Br	O-amino acid
CF ₃	OH	O	6-Methylthymine	Br	O-acyl

TABLE 12-continued

R ⁶	R ⁷	X	Base	R ¹⁰	R ⁹
CF ₃	OH	O	6-Methyluracil	Br	O-acyl
CF ₃	OH	O	8-Methylguanine	Br	O-acyl
CF ₃	OH	O	6-Methylcytosine	Br	O-acyl
CF ₃	OH	O	8-Methyladenine	Br	O-acyl
CF ₃	OH	O	8-Methylhypoxanthine	Br	O-acyl
CF ₃	OH	O	5-Fluoro-6-Methyluracil	Br	O-acyl
CF ₃	OH	O	5-Fluoro-6-Methylcytosine	Br	O-acyl
CF ₃	OH	O	2-Fluoro-8-methyladenine	Br	O-acyl
CF ₃	OH	O	2-Fluoro-8-methylhypoxanthine	Br	O-acyl
CF ₃	OH	O	2-Amino-8-methyladenine	Br	O-acyl
CF ₃	OH	O	2-Amino-8-methylhypoxanthine	Br	O-acyl
CF ₃	OH	O	2-N-acetyl-8-methylguanine	Br	O-acyl
CF ₃	OH	O	4-N-acetyl-8-methylcytosine	Br	O-acyl
CF ₃	OH	O	6-N-acetyl-8-methyladenine	Br	O-acyl
CF ₃	OH	O	4-N-acetyl-5-fluoro-8-methylcytosine	Br	O-acyl
CF ₃	OH	O	6-N-acetyl-2-fluoro-8-methyladenine	Br	O-acyl
CF ₃	OH	O	6-N-acetyl-2-amino-8-methyladenine	Br	O-acyl
CF ₃	OH	O	2-N-acetylamino-8-methyladenine	Br	O-acyl
CF ₃	OH	O	2-N-acetylamino-8-methylhypoxanthine	Br	O-acyl
CF ₃	OH	O	6-Methylthymine	Cl	O-amino acid
CF ₃	OH	O	6-Methyluracil	Cl	O-amino acid
CF ₃	OH	O	8-Methylguanine	Cl	O-amino acid
CF ₃	OH	O	6-Methylcytosine	Cl	O-amino acid
CF ₃	OH	O	8-Methyladenine	Cl	O-amino acid
CF ₃	OH	O	8-Methylhypoxanthine	Cl	O-amino acid
CF ₃	OH	O	5-Fluoro-6-Methyluracil	Cl	O-amino acid
CF ₃	OH	O	5-Fluoro-6-Methylcytosine	Cl	O-amino acid
CF ₃	OH	O	2-Fluoro-8-methyladenine	Cl	O-amino acid
CF ₃	OH	O	2-Fluoro-8-methylhypoxanthine	Cl	O-amino acid
CF ₃	OH	O	2-Amino-8-methyladenine	Cl	O-amino acid
CF ₃	OH	O	2-Amino-8-methylhypoxanthine	Cl	O-amino acid
CF ₃	OH	O	2-N-acetyl-8-methylguanine	Cl	O-amino acid
CF ₃	OH	O	4-N-acetyl-8-methylcytosine	Cl	O-amino acid
CF ₃	OH	O	6-N-acetyl-8-methyladenine	Cl	O-amino acid
CF ₃	OH	O	4-N-acetyl-5-fluoro-8-methylcytosine	Cl	O-amino acid
CF ₃	OH	O	6-N-acetyl-2-fluoro-8-methyladenine	Cl	O-amino acid
CF ₃	OH	O	6-N-acetyl-2-amino-8-methyladenine	Cl	O-amino acid
CF ₃	OH	O	2-N-acetylamino-8-methyladenine	Cl	O-amino acid
CF ₃	OH	O	2-N-acetylamino-8-methylhypoxanthine	Cl	O-amino acid
CF ₃	OH	O	6-Methylthymine	Cl	O-acyl
CF ₃	OH	O	6-Methyluracil	Cl	O-acyl
CF ₃	OH	O	8-Methylguanine	Cl	O-acyl
CF ₃	OH	O	6-Methylcytosine	Cl	O-acyl
CF ₃	OH	O	8-Methyladenine	Cl	O-acyl
CF ₃	OH	O	8-Methylhypoxanthine	Cl	O-acyl
CF ₃	OH	O	5-Fluoro-6-Methyluracil	Cl	O-acyl
CF ₃	OH	O	5-Fluoro-6-Methylcytosine	Cl	O-acyl
CF ₃	OH	O	2-Fluoro-8-methyladenine	Cl	O-acyl
CF ₃	OH	O	2-Fluoro-8-methylhypoxanthine	Cl	O-acyl
CF ₃	OH	O	2-Amino-8-methyladenine	Cl	O-acyl
CF ₃	OH	O	2-Amino-8-methylhypoxanthine	Cl	O-acyl
CF ₃	OH	O	2-N-acetyl-8-methylguanine	Cl	O-acyl
CF ₃	OH	O	4-N-acetyl-8-methylcytosine	Cl	O-acyl
CF ₃	OH	O	6-N-acetyl-8-methyladenine	Cl	O-acyl
CF ₃	OH	O	4-N-acetyl-5-fluoro-8-methylcytosine	Cl	O-acyl
CF ₃	OH	O	6-N-acetyl-2-fluoro-8-methyladenine	Cl	O-acyl
CF ₃	OH	O	6-N-acetyl-2-amino-8-methyladenine	Cl	O-acyl
CF ₃	OH	O	2-N-acetylamino-8-methyladenine	Cl	O-acyl
CF ₃	OH	O	2-N-acetylamino-8-methylhypoxanthine	Cl	O-acyl
CF ₃	OH	O	6-Methylthymine	H	O-amino acid
CF ₃	OH	O	6-Methyluracil	H	O-amino acid
CF ₃	OH	O	8-Methylguanine	H	O-amino acid
CF ₃	OH	O	6-Methylcytosine	H	O-amino acid
CF ₃	OH	O	8-Methyladenine	H	O-amino acid
CF ₃	OH	O	8-Methylhypoxanthine	H	O-amino acid
CF ₃	OH	O	5-Fluoro-6-Methyluracil	H	O-amino acid
CF ₃	OH	O	5-Fluoro-6-Methylcytosine	H	O-amino acid
CF ₃	OH	O	2-Fluoro-8-methyladenine	H	O-amino acid
CF ₃	OH	O	2-Fluoro-8-methylhypoxanthine	H	O-amino acid
CF ₃	OH	O	2-Amino-8-methyladenine	H	O-amino acid
CF ₃	OH	O	2-Amino-8-methylhypoxanthine	H	O-amino acid
CF ₃	OH	O	2-N-acetyl-8-methylguanine	H	O-amino acid
CF ₃	OH	O	4-N-acetyl-8-methylcytosine	H	O-amino acid
CF ₃	OH	O	6-N-acetyl-8-methyladenine	H	O-amino acid
CF ₃	OH	O	4-N-acetyl-5-fluoro-8-methylcytosine	H	O-amino acid
CF ₃	OH	O	6-N-acetyl-2-fluoro-8-methyladenine	H	O-amino acid
CF ₃	OH	O	6-N-acetyl-2-amino-8-methyladenine	H	O-amino acid

TABLE 12-continued

R ⁶	R ⁷	X	Base	R ¹⁰	R ⁹
CF ₃	OH	O	2-N-acetylamino-8-methyladenine	H	O-amino acid
CF ₃	OH	O	2-N-acetylamino-8-methylhypoxanthine	H	O-amino acid
CF ₃	OH	O	6-Methylthymine	H	O-acyl
CF ₃	OH	O	6-Methyluracil	H	O-acyl
CF ₃	OH	O	8-Methylguanine	H	O-acyl
CF ₃	OH	O	6-Methylcytosine	H	O-acyl
CF ₃	OH	O	8-Methyladenine	H	O-acyl
CF ₃	OH	O	8-Methylhypoxanthine	H	O-acyl
CF ₃	OH	O	5-Fluoro-6-Methyluracil	H	O-acyl
CF ₃	OH	O	5-Fluoro-6-Methylcytosine	H	O-acyl
CF ₃	OH	O	2-Fluoro-8-methyladenine	H	O-acyl
CF ₃	OH	O	2-Fluoro-8-methylhypoxanthine	H	O-acyl
CF ₃	OH	O	2-Amino-8-methyladenine	H	O-acyl
CF ₃	OH	O	2-Amino-8-methylhypoxanthine	H	O-acyl
CF ₃	OH	O	2-N-acetyl-8-methylguanine	H	O-acyl
CF ₃	OH	O	4-N-acetyl-8-methylcytosine	H	O-acyl
CF ₃	OH	O	6-N-acetyl-8-methyladenine	H	O-acyl
CF ₃	OH	O	4-N-acetyl-5-fluoro-8-methylcytosine	H	O-acyl
CF ₃	OH	O	6-N-acetyl-2-fluoro-8-methyladenine	H	O-acyl
CF ₃	OH	O	6-N-acetyl-2-amino-8-methyladenine	H	O-acyl
CF ₃	OH	O	2-N-acetylamino-8-methyladenine	H	O-acyl
CF ₃	OH	O	2-N-acetylamino-8-methylhypoxanthine	H	O-acyl
CF ₃	H	O	6-Methylthymine	F	O-amino acid
CF ₃	H	O	6-Methyluracil	F	O-amino acid
CF ₃	H	O	8-Methylguanine	F	O-amino acid
CF ₃	H	O	6-Methylcytosine	F	O-amino acid
CF ₃	H	O	8-Methyladenine	F	O-amino acid
CF ₃	H	O	8-Methylhypoxanthine	F	O-amino acid
CF ₃	H	O	5-Fluoro-6-Methyluracil	F	O-amino acid
CF ₃	H	O	5-Fluoro-6-Methylcytosine	F	O-amino acid
CF ₃	H	O	2-Fluoro-8-methyladenine	F	O-amino acid
CF ₃	H	O	2-Fluoro-8-methylhypoxanthine	F	O-amino acid
CF ₃	H	O	2-Amino-8-methyladenine	F	O-amino acid
CF ₃	H	O	2-Amino-8-methylhypoxanthine	F	O-amino acid
CF ₃	H	O	2-N-acetyl-8-methylguanine	F	O-amino acid
CF ₃	H	O	4-N-acetyl-8-methylcytosine	F	O-amino acid
CF ₃	H	O	6-N-acetyl-8-methyladenine	F	O-amino acid
CF ₃	H	O	4-N-acetyl-5-fluoro-8-methylcytosine	F	O-amino acid
CF ₃	H	O	6-N-acetyl-2-fluoro-8-methyladenine	F	O-amino acid
CF ₃	H	O	6-N-acetyl-2-amino-8-methyladenine	F	O-amino acid
CF ₃	H	O	2-N-acetylamino-8-methyladenine	F	O-amino acid
CF ₃	H	O	2-N-acetylamino-8-methylhypoxanthine	F	O-amino acid
CF ₃	H	O	6-Methylthymine	F	O-acyl
CF ₃	H	O	6-Methyluracil	F	O-acyl
CF ₃	H	O	8-Methylguanine	F	O-acyl
CF ₃	H	O	6-Methylcytosine	F	O-acyl
CF ₃	H	O	8-Methyladenine	F	O-acyl
CF ₃	H	O	8-Methylhypoxanthine	F	O-acyl
CF ₃	H	O	5-Fluoro-6-Methyluracil	F	O-acyl
CF ₃	H	O	5-Fluoro-6-Methylcytosine	F	O-acyl
CF ₃	H	O	2-Fluoro-8-methyladenine	F	O-acyl
CF ₃	H	O	2-Fluoro-8-methylhypoxanthine	F	O-acyl
CF ₃	H	O	2-Amino-8-methyladenine	F	O-acyl
CF ₃	H	O	2-Amino-8-methylhypoxanthine	F	O-acyl
CF ₃	H	O	2-N-acetyl-8-methylguanine	F	O-acyl
CF ₃	H	O	4-N-acetyl-8-methylcytosine	F	O-acyl
CF ₃	H	O	6-N-acetyl-8-methyladenine	F	O-acyl
CF ₃	H	O	4-N-acetyl-5-fluoro-8-methylcytosine	F	O-acyl
CF ₃	H	O	6-N-acetyl-2-fluoro-8-methyladenine	F	O-acyl
CF ₃	H	O	6-N-acetyl-2-amino-8-methyladenine	F	O-acyl
CF ₃	H	O	2-N-acetylamino-8-methyladenine	F	O-acyl
CF ₃	H	O	2-N-acetylamino-8-methylhypoxanthine	F	O-acyl
CF ₃	H	O	6-Methylthymine	Br	O-amino acid
CF ₃	H	O	6-Methyluracil	Br	O-amino acid
CF ₃	H	O	8-Methylguanine	Br	O-amino acid
CF ₃	H	O	6-Methylcytosine	Br	O-amino acid
CF ₃	H	O	8-Methyladenine	Br	O-amino acid
CF ₃	H	O	8-Methylhypoxanthine	Br	O-amino acid
CF ₃	H	O	5-Fluoro-6-Methyluracil	Br	O-amino acid
CF ₃	H	O	5-Fluoro-6-Methylcytosine	Br	O-amino acid
CF ₃	H	O	2-Fluoro-8-methyladenine	Br	O-amino acid
CF ₃	H	O	2-Fluoro-8-methylhypoxanthine	Br	O-amino acid
CF ₃	H	O	2-Amino-8-methyladenine	Br	O-amino acid
CF ₃	H	O	2-Amino-8-methylhypoxanthine	Br	O-amino acid
CF ₃	H	O	2-N-acetyl-8-methylguanine	Br	O-amino acid
CF ₃	H	O	4-N-acetyl-8-methylcytosine	Br	O-amino acid
CF ₃	H	O	6-N-acetyl-8-methyladenine	Br	O-amino acid

TABLE 12-continued

R ⁶	R ⁷	X	Base	R ¹⁰	R ⁹
CF ₃	H	O	4-N-acetyl-5-fluoro-8-methylcytosine	Br	O-amino acid
CF ₃	H	O	6-N-acetyl-2-fluoro-8-methyladenine	Br	O-amino acid
CF ₃	H	O	6-N-acetyl-2-amino-8-methyladenine	Br	O-amino acid
CF ₃	H	O	2-N-acetyl-amino-8-methyladenine	Br	O-amino acid
CF ₃	H	O	2-N-acetyl-amino-8-methylhypoxanthine	Br	O-amino acid
CF ₃	H	O	6-Methylthymine	Br	O-acyl
CF ₃	H	O	6-Methyluracil	Br	O-acyl
CF ₃	H	O	8-Methylguanine	Br	O-acyl
CF ₃	H	O	6-Methylcytosine	Br	O-acyl
CF ₃	H	O	8-Methyladenine	Br	O-acyl
CF ₃	H	O	8-Methylhypoxanthine	Br	O-acyl
CF ₃	H	O	5-Fluoro-6-Methyluracil	Br	O-acyl
CF ₃	H	O	5-Fluoro-6-Methylcytosine	Br	O-acyl
CF ₃	H	O	2-Fluoro-8-methyladenine	Br	O-acyl
CF ₃	H	O	2-Fluoro-8-methylhypoxanthine	Br	O-acyl
CF ₃	H	O	2-Amino-8-methyladenine	Br	O-acyl
CF ₃	H	O	2-Amino-8-methylhypoxanthine	Br	O-acyl
CF ₃	H	O	2-N-acetyl-8-methylguanine	Br	O-acyl
CF ₃	H	O	4-N-acetyl-8-methylcytosine	Br	O-acyl
CF ₃	H	O	6-N-acetyl-8-methyladenine	Br	O-acyl
CF ₃	H	O	4-N-acetyl-5-fluoro-8-methylcytosine	Br	O-acyl
CF ₃	H	O	6-N-acetyl-2-fluoro-8-methyladenine	Br	O-acyl
CF ₃	H	O	6-N-acetyl-2-amino-8-methyladenine	Br	O-acyl
CF ₃	H	O	2-N-acetyl-amino-8-methyladenine	Br	O-acyl
CF ₃	H	O	2-N-acetyl-amino-8-methylhypoxanthine	Br	O-acyl
CF ₃	H	O	6-Methylthymine	Cl	O-amino acid
CF ₃	H	O	6-Methyluracil	Cl	O-amino acid
CF ₃	H	O	8-Methylguanine	Cl	O-amino acid
CF ₃	H	O	6-Methylcytosine	Cl	O-amino acid
CF ₃	H	O	8-Methyladenine	Cl	O-amino acid
CF ₃	H	O	8-Methylhypoxanthine	Cl	O-amino acid
CF ₃	H	O	5-Fluoro-6-Methyluracil	Cl	O-amino acid
CF ₃	H	O	5-Fluoro-6-Methylcytosine	Cl	O-amino acid
CF ₃	H	O	2-Fluoro-8-methyladenine	Cl	O-amino acid
CF ₃	H	O	2-Fluoro-8-methylhypoxanthine	Cl	O-amino acid
CF ₃	H	O	2-Amino-8-methyladenine	Cl	O-amino acid
CF ₃	H	O	2-Amino-8-methylhypoxanthine	Cl	O-amino acid
CF ₃	H	O	2-N-acetyl-8-methylguanine	Cl	O-amino acid
CF ₃	H	O	4-N-acetyl-8-methylcytosine	Cl	O-amino acid
CF ₃	H	O	6-N-acetyl-8-methyladenine	Cl	O-amino acid
CF ₃	H	O	4-N-acetyl-5-fluoro-8-methylcytosine	Cl	O-amino acid
CF ₃	H	O	6-N-acetyl-2-fluoro-8-methyladenine	Cl	O-amino acid
CF ₃	H	O	6-N-acetyl-2-amino-8-methyladenine	Cl	O-amino acid
CF ₃	H	O	2-N-acetyl-amino-8-methyladenine	Cl	O-amino acid
CF ₃	H	O	2-N-acetyl-amino-8-methylhypoxanthine	Cl	O-amino acid
CF ₃	H	O	6-Methylthymine	Cl	O-acyl
CF ₃	H	O	6-Methyluracil	Cl	O-acyl
CF ₃	H	O	8-Methylguanine	Cl	O-acyl
CF ₃	H	O	6-Methylcytosine	Cl	O-acyl
CF ₃	H	O	8-Methyladenine	Cl	O-acyl
CF ₃	H	O	8-Methylhypoxanthine	Cl	O-acyl
CF ₃	H	O	5-Fluoro-6-Methyluracil	Cl	O-acyl
CF ₃	H	O	5-Fluoro-6-Methylcytosine	Cl	O-acyl
CF ₃	H	O	2-Fluoro-8-methyladenine	Cl	O-acyl
CF ₃	H	O	2-Fluoro-8-methylhypoxanthine	Cl	O-acyl
CF ₃	H	O	2-Amino-8-methyladenine	Cl	O-acyl
CF ₃	H	O	2-Amino-8-methylhypoxanthine	Cl	O-acyl
CF ₃	H	O	2-N-acetyl-8-methylguanine	Cl	O-acyl
CF ₃	H	O	4-N-acetyl-8-methylcytosine	Cl	O-acyl
CF ₃	H	O	6-N-acetyl-8-methyladenine	Cl	O-acyl
CF ₃	H	O	4-N-acetyl-5-fluoro-8-methylcytosine	Cl	O-acyl
CF ₃	H	O	6-N-acetyl-2-fluoro-8-methyladenine	Cl	O-acyl
CF ₃	H	O	6-N-acetyl-2-amino-8-methyladenine	Cl	O-acyl
CF ₃	H	O	2-N-acetyl-amino-8-methyladenine	Cl	O-acyl
CF ₃	H	O	2-N-acetyl-amino-8-methylhypoxanthine	Cl	O-acyl
CF ₃	H	O	6-Methylthymine	H	O-amino acid
CF ₃	H	O	6-Methyluracil	H	O-amino acid
CF ₃	H	O	8-Methylguanine	H	O-amino acid
CF ₃	H	O	6-Methylcytosine	H	O-amino acid
CF ₃	H	O	8-Methyladenine	H	O-amino acid
CF ₃	H	O	8-Methylhypoxanthine	H	O-amino acid
CF ₃	H	O	5-Fluoro-6-Methyluracil	H	O-amino acid
CF ₃	H	O	5-Fluoro-6-Methylcytosine	H	O-amino acid
CF ₃	H	O	2-Fluoro-8-methyladenine	H	O-amino acid
CF ₃	H	O	2-Fluoro-8-methylhypoxanthine	H	O-amino acid
CF ₃	H	O	2-Amino-8-methyladenine	H	O-amino acid
CF ₃	H	O	2-Amino-8-methylhypoxanthine	H	O-amino acid

TABLE 12-continued

R ⁶	R ⁷	X	Base	R ¹⁰	R ⁹
CF ₃	H	O	2-N-acetyl-8-methylguanine	H	O-amino acid
CF ₃	H	O	4-N-acetyl-8-methylcytosine	H	O-amino acid
CF ₃	H	O	6-N-acetyl-8-methyladenine	H	O-amino acid
CF ₃	H	O	4-N-acetyl-5-fluoro-8-methylcytosine	H	O-amino acid
CF ₃	H	O	6-N-acetyl-2-fluoro-8-methyladenine	H	O-amino acid
CF ₃	H	O	6-N-acetyl-2-amino-8-methyladenine	H	O-amino acid
CF ₃	H	O	2-N-acetyl-amino-8-methyladenine	H	O-amino acid
CF ₃	H	O	2-N-acetyl-amino-8-methylhypoxanthine	H	O-amino acid
CF ₃	H	O	6-Methylthymine	H	O-acyl
CF ₃	H	O	6-Methyluracil	H	O-acyl
CF ₃	H	O	8-Methylguanine	H	O-acyl
CF ₃	H	O	6-Methylcytosine	H	O-acyl
CF ₃	H	O	8-Methyladenine	H	O-acyl
CF ₃	H	O	8-Methylhypoxanthine	H	O-acyl
CF ₃	H	O	5-Fluoro-6-Methyluracil	H	O-acyl
CF ₃	H	O	5-Fluoro-6-Methylcytosine	H	O-acyl
CF ₃	H	O	2-Fluoro-8-methyladenine	H	O-acyl
CF ₃	H	O	2-Fluoro-8-methylhypoxanthine	H	O-acyl
CF ₃	H	O	2-Amino-8-methyladenine	H	O-acyl
CF ₃	H	O	2-Amino-8-methylhypoxanthine	H	O-acyl
CF ₃	H	O	2-N-acetyl-8-methylguanine	H	O-acyl
CF ₃	H	O	4-N-acetyl-8-methylcytosine	H	O-acyl
CF ₃	H	O	6-N-acetyl-8-methyladenine	H	O-acyl
CF ₃	H	O	4-N-acetyl-5-fluoro-8-methylcytosine	H	O-acyl
CF ₃	H	O	6-N-acetyl-2-fluoro-8-methyladenine	H	O-acyl
CF ₃	H	O	6-N-acetyl-2-amino-8-methyladenine	H	O-acyl
CF ₃	H	O	2-N-acetyl-amino-8-methyladenine	H	O-acyl
CF ₃	H	O	2-N-acetyl-amino-8-methylhypoxanthine	H	O-acyl
CH ₃	O-acyl	S	6-Methylthymine	F	H
CH ₃	O-acyl	S	6-Methyluracil	F	H
CH ₃	O-acyl	S	8-Methylguanine	F	H
CH ₃	O-acyl	S	6-Methylcytosine	F	H
CH ₃	O-acyl	S	8-Methyladenine	F	H
CH ₃	O-acyl	S	8-Methylhypoxanthine	F	H
CH ₃	O-acyl	S	5-Fluoro-6-Methyluracil	F	H
CH ₃	O-acyl	S	5-Fluoro-6-Methylcytosine	F	H
CH ₃	O-acyl	S	2-Fluoro-8-methyladenine	F	H
CH ₃	O-acyl	S	2-Fluoro-8-methylhypoxanthine	F	H
CH ₃	O-acyl	S	2-Amino-8-methyladenine	F	H
CH ₃	O-acyl	S	2-Amino-8-methylhypoxanthine	F	H
CH ₃	O-acyl	S	2-N-acetyl-8-methylguanine	F	H
CH ₃	O-acyl	S	4-N-acetyl-8-methylcytosine	F	H
CH ₃	O-acyl	S	6-N-acetyl-8-methyladenine	F	H
CH ₃	O-acyl	S	4-N-acetyl-5-fluoro-8-methylcytosine	F	H
CH ₃	O-acyl	S	6-N-acetyl-2-fluoro-8-methyladenine	F	H
CH ₃	O-acyl	S	6-N-acetyl-2-amino-8-methyladenine	F	H
CH ₃	O-acyl	S	2-N-acetyl-amino-8-methyladenine	F	H
CH ₃	O-acyl	S	2-N-acetyl-amino-8-methylhypoxanthine	F	H
CH ₃	O-acyl	S	6-Methylthymine	F	O-amino acid
CH ₃	O-acyl	S	6-Methyluracil	F	O-amino acid
CH ₃	O-acyl	S	8-Methylguanine	F	O-amino acid
CH ₃	O-acyl	S	6-Methylcytosine	F	O-amino acid
CH ₃	O-acyl	S	8-Methyladenine	F	O-amino acid
CH ₃	O-acyl	S	8-Methylhypoxanthine	F	O-amino acid
CH ₃	O-acyl	S	5-Fluoro-6-Methyluracil	F	O-amino acid
CH ₃	O-acyl	S	5-Fluoro-6-Methylcytosine	F	O-amino acid
CH ₃	O-acyl	S	2-Fluoro-8-methyladenine	F	O-amino acid
CH ₃	O-acyl	S	2-Fluoro-8-methylhypoxanthine	F	O-amino acid
CH ₃	O-acyl	S	2-Amino-8-methyladenine	F	O-amino acid
CH ₃	O-acyl	S	2-Amino-8-methylhypoxanthine	F	O-amino acid
CH ₃	O-acyl	S	2-N-acetyl-8-methylguanine	F	O-amino acid
CH ₃	O-acyl	S	4-N-acetyl-8-methylcytosine	F	O-amino acid
CH ₃	O-acyl	S	6-N-acetyl-8-methyladenine	F	O-amino acid
CH ₃	O-acyl	S	4-N-acetyl-5-fluoro-8-methylcytosine	F	O-amino acid
CH ₃	O-acyl	S	6-N-acetyl-2-fluoro-8-methyladenine	F	O-amino acid
CH ₃	O-acyl	S	6-N-acetyl-2-amino-8-methyladenine	F	O-amino acid
CH ₃	O-acyl	S	2-N-acetyl-amino-8-methyladenine	F	O-amino acid
CH ₃	O-acyl	S	2-N-acetyl-amino-8-methylhypoxanthine	F	O-amino acid
CH ₃	O-acyl	S	6-Methylthymine	F	O-acyl
CH ₃	O-acyl	S	6-Methyluracil	F	O-acyl
CH ₃	O-acyl	S	8-Methylguanine	F	O-acyl
CH ₃	O-acyl	S	6-Methylcytosine	F	O-acyl
CH ₃	O-acyl	S	8-Methyladenine	F	O-acyl
CH ₃	O-acyl	S	8-Methylhypoxanthine	F	O-acyl
CH ₃	O-acyl	S	5-Fluoro-6-Methyluracil	F	O-acyl
CH ₃	O-acyl	S	5-Fluoro-6-Methylcytosine	F	O-acyl
CH ₃	O-acyl	S	2-Fluoro-8-methyladenine	F	O-acyl

TABLE 12-continued

R ⁶	R ⁷	X	Base	R ¹⁰	R ⁹
CH ₃	O-acyl	S	2-Fluoro-8-methylhypoxanthine	F	O-acyl
CH ₃	O-acyl	S	2-Amino-8-methyladenine	F	O-acyl
CH ₃	O-acyl	S	2-Amino-8-methylhypoxanthine	F	O-acyl
CH ₃	O-acyl	S	2-N-acetyl-8-methylguanine	F	O-acyl
CH ₃	O-acyl	S	4-N-acetyl-8-methylcytosine	F	O-acyl
CH ₃	O-acyl	S	6-N-acetyl-8-methyladenine	F	O-acyl
CH ₃	O-acyl	S	4-N-acetyl-5-fluoro-8-methylcytosine	F	O-acyl
CH ₃	O-acyl	S	6-N-acetyl-2-fluoro-8-methyladenine	F	O-acyl
CH ₃	O-acyl	S	6-N-acetyl-2-amino-8-methyladenine	F	O-acyl
CH ₃	O-acyl	S	2-N-acetylamino-8-methyladenine	F	O-acyl
CH ₃	O-acyl	S	2-N-acetylamino-8-methylhypoxanthine	F	O-acyl
CH ₃	O-acyl	S	6-Methylthymine	F	OH
CH ₃	O-acyl	S	6-Methyluracil	F	OH
CH ₃	O-acyl	S	8-Methylguanine	F	OH
CH ₃	O-acyl	S	6-Methylcytosine	F	OH
CH ₃	O-acyl	S	8-Methyladenine	F	OH
CH ₃	O-acyl	S	8-Methylhypoxanthine	F	OH
CH ₃	O-acyl	S	5-Fluoro-6-Methyluracil	F	OH
CH ₃	O-acyl	S	5-Fluoro-6-Methylcytosine	F	OH
CH ₃	O-acyl	S	2-Fluoro-8-methyladenine	F	OH
CH ₃	O-acyl	S	2-Fluoro-8-methylhypoxanthine	F	OH
CH ₃	O-acyl	S	2-Amino-8-methyladenine	F	OH
CH ₃	O-acyl	S	2-Amino-8-methylhypoxanthine	F	OH
CH ₃	O-acyl	S	2-N-acetyl-8-methylguanine	F	OH
CH ₃	O-acyl	S	4-N-acetyl-8-methylcytosine	F	OH
CH ₃	O-acyl	S	6-N-acetyl-8-methyladenine	F	OH
CH ₃	O-acyl	S	4-N-acetyl-5-fluoro-8-methylcytosine	F	OH
CH ₃	O-acyl	S	6-N-acetyl-2-fluoro-8-methyladenine	F	OH
CH ₃	O-acyl	S	6-N-acetyl-2-amino-8-methyladenine	F	OH
CH ₃	O-acyl	S	2-N-acetylamino-8-methyladenine	F	OH
CH ₃	O-acyl	S	2-N-acetylamino-8-methylhypoxanthine	F	OH
CH ₃	O-acyl	S	6-Methylthymine	Br	H
CH ₃	O-acyl	S	6-Methyluracil	Br	H
CH ₃	O-acyl	S	8-Methylguanine	Br	H
CH ₃	O-acyl	S	6-Methylcytosine	Br	H
CH ₃	O-acyl	S	8-Methyladenine	Br	H
CH ₃	O-acyl	S	8-Methylhypoxanthine	Br	H
CH ₃	O-acyl	S	5-Fluoro-6-Methyluracil	Br	H
CH ₃	O-acyl	S	5-Fluoro-6-Methylcytosine	Br	H
CH ₃	O-acyl	S	2-Fluoro-8-methyladenine	Br	H
CH ₃	O-acyl	S	2-Fluoro-8-methylhypoxanthine	Br	H
CH ₃	O-acyl	S	2-Amino-8-methyladenine	Br	H
CH ₃	O-acyl	S	2-Amino-8-methylhypoxanthine	Br	H
CH ₃	O-acyl	S	2-N-acetyl-8-methylguanine	Br	H
CH ₃	O-acyl	S	4-N-acetyl-8-methylcytosine	Br	H
CH ₃	O-acyl	S	6-N-acetyl-8-methyladenine	Br	H
CH ₃	O-acyl	S	4-N-acetyl-5-fluoro-8-methylcytosine	Br	H
CH ₃	O-acyl	S	6-N-acetyl-2-fluoro-8-methyladenine	Br	H
CH ₃	O-acyl	S	6-N-acetyl-2-amino-8-methyladenine	Br	H
CH ₃	O-acyl	S	2-N-acetylamino-8-methyladenine	Br	H
CH ₃	O-acyl	S	2-N-acetylamino-8-methylhypoxanthine	Br	H
CH ₃	O-acyl	S	6-Methylthymine	Br	O-amino acid
CH ₃	O-acyl	S	6-Methyluracil	Br	O-amino acid
CH ₃	O-acyl	S	8-Methylguanine	Br	O-amino acid
CH ₃	O-acyl	S	6-Methylcytosine	Br	O-amino acid
CH ₃	O-acyl	S	8-Methyladenine	Br	O-amino acid
CH ₃	O-acyl	S	8-Methylhypoxanthine	Br	O-amino acid
CH ₃	O-acyl	S	5-Fluoro-6-Methyluracil	Br	O-amino acid
CH ₃	O-acyl	S	5-Fluoro-6-Methylcytosine	Br	O-amino acid
CH ₃	O-acyl	S	2-Fluoro-8-methyladenine	Br	O-amino acid
CH ₃	O-acyl	S	2-Fluoro-8-methylhypoxanthine	Br	O-amino acid
CH ₃	O-acyl	S	2-Amino-8-methyladenine	Br	O-amino acid
CH ₃	O-acyl	S	2-Amino-8-methylhypoxanthine	Br	O-amino acid
CH ₃	O-acyl	S	2-N-acetyl-8-methylguanine	Br	O-amino acid
CH ₃	O-acyl	S	4-N-acetyl-8-methylcytosine	Br	O-amino acid
CH ₃	O-acyl	S	6-N-acetyl-8-methyladenine	Br	O-amino acid
CH ₃	O-acyl	S	4-N-acetyl-5-fluoro-8-methylcytosine	Br	O-amino acid
CH ₃	O-acyl	S	6-N-acetyl-2-fluoro-8-methyladenine	Br	O-amino acid
CH ₃	O-acyl	S	6-N-acetyl-2-amino-8-methyladenine	Br	O-amino acid
CH ₃	O-acyl	S	2-N-acetylamino-8-methyladenine	Br	O-amino acid
CH ₃	O-acyl	S	2-N-acetylamino-8-methylhypoxanthine	Br	O-amino acid
CH ₃	O-acyl	S	6-Methylthymine	Br	O-acyl
CH ₃	O-acyl	S	6-Methyluracil	Br	O-acyl
CH ₃	O-acyl	S	8-Methylguanine	Br	O-acyl
CH ₃	O-acyl	S	6-Methylcytosine	Br	O-acyl
CH ₃	O-acyl	S	8-Methyladenine	Br	O-acyl
CH ₃	O-acyl	S	8-Methylhypoxanthine	Br	O-acyl

TABLE 12-continued

R ⁶	R ⁷	X	Base	R ¹⁰	R ⁹
CH ₃	O-acyl	S	5-Fluoro-6-Methyluracil	Br	O-acyl
CH ₃	O-acyl	S	5-Fluoro-6-Methylcytosine	Br	O-acyl
CH ₃	O-acyl	S	2-Fluoro-8-methyladenine	Br	O-acyl
CH ₃	O-acyl	S	2-Fluoro-8-methylhypoxanthine	Br	O-acyl
CH ₃	O-acyl	S	2-Amino-8-methyladenine	Br	O-acyl
CH ₃	O-acyl	S	2-Amino-8-methylhypoxanthine	Br	O-acyl
CH ₃	O-acyl	S	2-N-acetyl-8-methylguanine	Br	O-acyl
CH ₃	O-acyl	S	4-N-acetyl-8-methylcytosine	Br	O-acyl
CH ₃	O-acyl	S	6-N-acetyl-8-methyladenine	Br	O-acyl
CH ₃	O-acyl	S	4-N-acetyl-5-fluoro-8-methylcytosine	Br	O-acyl
CH ₃	O-acyl	S	6-N-acetyl-2-fluoro-8-methyladenine	Br	O-acyl
CH ₃	O-acyl	S	6-N-acetyl-2-amino-8-methyladenine	Br	O-acyl
CH ₃	O-acyl	S	2-N-acetylamino-8-methyladenine	Br	O-acyl
CH ₃	O-acyl	S	2-N-acetylamino-8-methylhypoxanthine	Br	O-acyl
CH ₃	O-acyl	S	6-Methylthymine	Br	OH
CH ₃	O-acyl	S	6-Methyluracil	Br	OH
CH ₃	O-acyl	S	8-Methylguanine	Br	OH
CH ₃	O-acyl	S	6-Methylcytosine	Br	OH
CH ₃	O-acyl	S	8-Methyladenine	Br	OH
CH ₃	O-acyl	S	8-Methylhypoxanthine	Br	OH
CH ₃	O-acyl	S	5-Fluoro-6-Methyluracil	Br	OH
CH ₃	O-acyl	S	5-Fluoro-6-Methylcytosine	Br	OH
CH ₃	O-acyl	S	2-Fluoro-8-methyladenine	Br	OH
CH ₃	O-acyl	S	2-Fluoro-8-methylhypoxanthine	Br	OH
CH ₃	O-acyl	S	2-Amino-8-methyladenine	Br	OH
CH ₃	O-acyl	S	2-Amino-8-methylhypoxanthine	Br	OH
CH ₃	O-acyl	S	2-N-acetyl-8-methylguanine	Br	OH
CH ₃	O-acyl	S	4-N-acetyl-8-methylcytosine	Br	OH
CH ₃	O-acyl	S	6-N-acetyl-8-methyladenine	Br	OH
CH ₃	O-acyl	S	4-N-acetyl-5-fluoro-8-methylcytosine	Br	OH
CH ₃	O-acyl	S	6-N-acetyl-2-fluoro-8-methyladenine	Br	OH
CH ₃	O-acyl	S	6-N-acetyl-2-amino-8-methyladenine	Br	OH
CH ₃	O-acyl	S	2-N-acetylamino-8-methyladenine	Br	OH
CH ₃	O-acyl	S	2-N-acetylamino-8-methylhypoxanthine	Br	OH
CH ₃	O-acyl	S	6-Methylthymine	Cl	O-acyl
CH ₃	O-acyl	S	6-Methyluracil	Cl	O-acyl
CH ₃	O-acyl	S	8-Methylguanine	Cl	O-acyl
CH ₃	O-acyl	S	6-Methylcytosine	Cl	O-acyl
CH ₃	O-acyl	S	8-Methyladenine	Cl	O-acyl
CH ₃	O-acyl	S	8-Methylhypoxanthine	Cl	O-acyl
CH ₃	O-acyl	S	5-Fluoro-6-Methyluracil	Cl	O-acyl
CH ₃	O-acyl	S	5-Fluoro-6-Methylcytosine	Cl	O-acyl
CH ₃	O-acyl	S	2-Fluoro-8-methyladenine	Cl	O-acyl
CH ₃	O-acyl	S	2-Fluoro-8-methylhypoxanthine	Cl	O-acyl
CH ₃	O-acyl	S	2-Amino-8-methyladenine	Cl	O-acyl
CH ₃	O-acyl	S	2-Amino-8-methylhypoxanthine	Cl	O-acyl
CH ₃	O-acyl	S	2-N-acetyl-8-methylguanine	Cl	O-acyl
CH ₃	O-acyl	S	4-N-acetyl-8-methylcytosine	Cl	O-acyl
CH ₃	O-acyl	S	6-N-acetyl-8-methyladenine	Cl	O-acyl
CH ₃	O-acyl	S	4-N-acetyl-5-fluoro-8-methylcytosine	Cl	O-acyl
CH ₃	O-acyl	S	6-N-acetyl-2-fluoro-8-methyladenine	Cl	O-acyl
CH ₃	O-acyl	S	6-N-acetyl-2-amino-8-methyladenine	Cl	O-acyl
CH ₃	O-acyl	S	2-N-acetylamino-8-methyladenine	Cl	O-acyl
CH ₃	O-acyl	S	2-N-acetylamino-8-methylhypoxanthine	Cl	O-acyl
CH ₃	O-acyl	S	6-Methylthymine	Cl	OH
CH ₃	O-acyl	S	6-Methyluracil	Cl	OH
CH ₃	O-acyl	S	8-Methylguanine	Cl	OH
CH ₃	O-acyl	S	6-Methylcytosine	Cl	OH
CH ₃	O-acyl	S	8-Methyladenine	Cl	OH
CH ₃	O-acyl	S	8-Methylhypoxanthine	Cl	OH
CH ₃	O-acyl	S	5-Fluoro-6-Methyluracil	Cl	OH
CH ₃	O-acyl	S	5-Fluoro-6-Methylcytosine	Cl	OH
CH ₃	O-acyl	S	2-Fluoro-8-methyladenine	Cl	OH
CH ₃	O-acyl	S	2-Fluoro-8-methylhypoxanthine	Cl	OH
CH ₃	O-acyl	S	2-Amino-8-methyladenine	Cl	OH
CH ₃	O-acyl	S	2-Amino-8-methylhypoxanthine	Cl	OH
CH ₃	O-acyl	S	2-N-acetyl-8-methylguanine	Cl	OH
CH ₃	O-acyl	S	4-N-acetyl-8-methylcytosine	Cl	OH
CH ₃	O-acyl	S	6-N-acetyl-8-methyladenine	Cl	OH
CH ₃	O-acyl	S	4-N-acetyl-5-fluoro-8-methylcytosine	Cl	OH
CH ₃	O-acyl	S	6-N-acetyl-2-fluoro-8-methyladenine	Cl	OH
CH ₃	O-acyl	S	6-N-acetyl-2-amino-8-methyladenine	Cl	OH
CH ₃	O-acyl	S	2-N-acetylamino-8-methyladenine	Cl	OH
CH ₃	O-acyl	S	2-N-acetylamino-8-methylhypoxanthine	Cl	OH
CH ₃	O-acyl	S	6-Methylthymine	Cl	H
CH ₃	O-acyl	S	6-Methyluracil	Cl	H
CH ₃	O-acyl	S	8-Methylguanine	Cl	H

TABLE 12-continued

R ⁶	R ⁷	X	Base	R ¹⁰	R ⁹
CH ₃	O-acyl	S	6-Methylcytosine	Cl	H
CH ₃	O-acyl	S	8-Methyladenine	Cl	H
CH ₃	O-acyl	S	8-Methylhypoxanthine	Cl	H
CH ₃	O-acyl	S	5-Fluoro-6-Methyluracil	Cl	H
CH ₃	O-acyl	S	5-Fluoro-6-Methylcytosine	Cl	H
CH ₃	O-acyl	S	2-Fluoro-8-methyladenine	Cl	H
CH ₃	O-acyl	S	2-Fluoro-8-methylhypoxanthine	Cl	H
CH ₃	O-acyl	S	2-Amino-8-methyladenine	Cl	H
CH ₃	O-acyl	S	2-Amino-8-methylhypoxanthine	Cl	H
CH ₃	O-acyl	S	2-N-acetyl-8-methylguanine	Cl	H
CH ₃	O-acyl	S	4-N-acetyl-8-methylcytosine	Cl	O-amino acid
CH ₃	O-acyl	S	6-N-acetyl-8-methyladenine	Cl	O-amino acid
CH ₃	O-acyl	S	4-N-acetyl-5-fluoro-8-methylcytosine	Cl	O-amino acid
CH ₃	O-acyl	S	6-N-acetyl-2-fluoro-8-methyladenine	Cl	O-amino acid
CH ₃	O-acyl	S	6-N-acetyl-2-amino-8-methyladenine	Cl	O-amino acid
CH ₃	O-acyl	S	2-N-acetylamino-8-methyladenine	Cl	O-amino acid
CH ₃	O-acyl	S	2-N-acetylamino-8-methylhypoxanthine	Cl	O-amino acid
CH ₃	O-acyl	S	5-Fluoro-6-Methylcytosine	Cl	O-amino acid
CH ₃	O-acyl	S	2-Fluoro-8-methyladenine	Cl	O-amino acid
CH ₃	O-acyl	S	2-Fluoro-8-methylhypoxanthine	Cl	O-amino acid
CH ₃	O-acyl	S	2-Amino-8-methyladenine	Cl	O-amino acid
CH ₃	O-acyl	S	2-Amino-8-methylhypoxanthine	Cl	O-amino acid
CH ₃	O-acyl	S	2-N-acetyl-8-methylguanine	Cl	O-amino acid
CH ₃	O-acyl	S	4-N-acetyl-8-methylcytosine	Cl	O-amino acid
CH ₃	O-acyl	S	6-N-acetyl-8-methyladenine	Cl	O-amino acid
CH ₃	O-acyl	S	4-N-acetyl-5-fluoro-8-methylcytosine	Cl	O-amino acid
CH ₃	O-acyl	S	6-N-acetyl-2-fluoro-8-methyladenine	Cl	O-amino acid
CH ₃	O-acyl	S	6-N-acetyl-2-amino-8-methyladenine	Cl	O-amino acid
CH ₃	O-acyl	S	2-N-acetylamino-8-methyladenine	Cl	O-amino acid
CH ₃	O-acyl	S	2-N-acetylamino-8-methylhypoxanthine	Cl	O-amino acid
CH ₃	O-acyl	S	6-Methylthymine	H	H
CH ₃	O-acyl	S	6-Methyluracil	H	H
CH ₃	O-acyl	S	8-Methylguanine	H	H
CH ₃	O-acyl	S	6-Methylcytosine	H	H
CH ₃	O-acyl	S	8-Methyladenine	H	H
CH ₃	O-acyl	S	8-Methylhypoxanthine	H	H
CH ₃	O-acyl	S	5-Fluoro-6-Methyluracil	H	H
CH ₃	O-acyl	S	5-Fluoro-6-Methylcytosine	H	H
CH ₃	O-acyl	S	2-Fluoro-8-methyladenine	H	H
CH ₃	O-acyl	S	2-Fluoro-8-methylhypoxanthine	H	H
CH ₃	O-acyl	S	2-Amino-8-methyladenine	H	H
CH ₃	O-acyl	S	2-Amino-8-methylhypoxanthine	H	H
CH ₃	O-acyl	S	2-N-acetyl-8-methylguanine	H	H
CH ₃	O-acyl	S	4-N-acetyl-8-methylcytosine	H	H
CH ₃	O-acyl	S	6-N-acetyl-8-methyladenine	H	H
CH ₃	O-acyl	S	4-N-acetyl-5-fluoro-8-methylcytosine	H	H
CH ₃	O-acyl	S	6-N-acetyl-2-fluoro-8-methyladenine	H	H
CH ₃	O-acyl	S	6-N-acetyl-2-amino-8-methyladenine	H	H
CH ₃	O-acyl	S	2-N-acetylamino-8-methyladenine	H	H
CH ₃	O-acyl	S	2-N-acetylamino-8-methylhypoxanthine	H	H
CH ₃	O-acyl	S	6-Methylthymine	H	O-amino acid
CH ₃	O-acyl	S	6-Methyluracil	H	O-amino acid
CH ₃	O-acyl	S	8-Methylguanine	H	O-amino acid
CH ₃	O-acyl	S	6-Methylcytosine	H	O-amino acid
CH ₃	O-acyl	S	8-Methyladenine	H	O-amino acid
CH ₃	O-acyl	S	8-Methylhypoxanthine	H	O-amino acid
CH ₃	O-acyl	S	5-Fluoro-6-Methyluracil	H	O-amino acid
CH ₃	O-acyl	S	5-Fluoro-6-Methylcytosine	H	O-amino acid
CH ₃	O-acyl	S	2-Fluoro-8-methyladenine	H	O-amino acid
CH ₃	O-acyl	S	2-Fluoro-8-methylhypoxanthine	H	O-amino acid
CH ₃	O-acyl	S	2-Amino-8-methyladenine	H	O-amino acid
CH ₃	O-acyl	S	2-Amino-8-methylhypoxanthine	H	O-amino acid
CH ₃	O-acyl	S	2-N-acetyl-8-methylguanine	H	O-amino acid
CH ₃	O-acyl	S	4-N-acetyl-8-methylcytosine	H	O-amino acid
CH ₃	O-acyl	S	6-N-acetyl-8-methyladenine	H	O-amino acid
CH ₃	O-acyl	S	4-N-acetyl-5-fluoro-8-methylcytosine	H	O-amino acid
CH ₃	O-acyl	S	6-N-acetyl-2-fluoro-8-methyladenine	H	O-amino acid
CH ₃	O-acyl	S	6-N-acetyl-2-amino-8-methyladenine	H	O-amino acid
CH ₃	O-acyl	S	2-N-acetylamino-8-methyladenine	H	O-amino acid
CH ₃	O-acyl	S	2-N-acetylamino-8-methylhypoxanthine	H	O-amino acid
CH ₃	O-acyl	S	6-Methylthymine	H	O-acyl
CH ₃	O-acyl	S	6-Methyluracil	H	O-acyl
CH ₃	O-acyl	S	8-Methylguanine	H	O-acyl
CH ₃	O-acyl	S	6-Methylcytosine	H	O-acyl
CH ₃	O-acyl	S	8-Methyladenine	H	O-acyl
CH ₃	O-acyl	S	8-Methylhypoxanthine	H	O-acyl
CH ₃	O-acyl	S	5-Fluoro-6-Methyluracil	H	O-acyl

TABLE 12-continued

R ⁶	R ⁷	X	Base	R ¹⁰	R ⁹
CH ₃	O-acyl	S	5-Fluoro-6-Methylcytosine	H	O-acyl
CH ₃	O-acyl	S	2-Fluoro-8-methyladenine	H	O-acyl
CH ₃	O-acyl	S	2-Fluoro-8-methylhypoxanthine	H	O-acyl
CH ₃	O-acyl	S	2-Amino-8-methyladenine	H	O-acyl
CH ₃	O-acyl	S	2-Amino-8-methylhypoxanthine	H	O-acyl
CH ₃	O-acyl	S	2-N-acetyl-8-methylguanine	H	O-acyl
CH ₃	O-acyl	S	4-N-acetyl-8-methylcytosine	H	O-acyl
CH ₃	O-acyl	S	6-N-acetyl-8-methyladenine	H	O-acyl
CH ₃	O-acyl	S	4-N-acetyl-5-fluoro-8-methylcytosine	H	O-acyl
CH ₃	O-acyl	S	6-N-acetyl-2-fluoro-8-methyladenine	H	O-acyl
CH ₃	O-acyl	S	6-N-acetyl-2-amino-8-methyladenine	H	O-acyl
CH ₃	O-acyl	S	2-N-acetylamino-8-methyladenine	H	O-acyl
CH ₃	O-acyl	S	2-N-acetylamino-8-methylhypoxanthine	H	O-acyl
CH ₃	O-acyl	S	6-Methylthymine	H	OH
CH ₃	O-acyl	S	6-Methyluracil	H	OH
CH ₃	O-acyl	S	8-Methylguanine	H	OH
CH ₃	O-acyl	S	6-Methylcytosine	H	OH
CH ₃	O-acyl	S	8-Methyladenine	H	OH
CH ₃	O-acyl	S	8-Methylhypoxanthine	H	OH
CH ₃	O-acyl	S	5-Fluoro-6-Methyluracil	H	OH
CH ₃	O-acyl	S	5-Fluoro-6-Methylcytosine	H	OH
CH ₃	O-acyl	S	2-Fluoro-8-methyladenine	H	OH
CH ₃	O-acyl	S	2-Fluoro-8-methylhypoxanthine	H	OH
CH ₃	O-acyl	S	2-Amino-8-methyladenine	H	OH
CH ₃	O-acyl	S	2-Amino-8-methylhypoxanthine	H	OH
CH ₃	O-acyl	S	2-N-acetyl-8-methylguanine	H	OH
CH ₃	O-acyl	S	4-N-acetyl-8-methylcytosine	H	OH
CH ₃	O-acyl	S	6-N-acetyl-8-methyladenine	H	OH
CH ₃	O-acyl	S	4-N-acetyl-5-fluoro-8-methylcytosine	H	OH
CH ₃	O-acyl	S	6-N-acetyl-2-fluoro-8-methyladenine	H	OH
CH ₃	O-acyl	S	6-N-acetyl-2-amino-8-methyladenine	H	OH
CH ₃	O-acyl	S	2-N-acetylamino-8-methyladenine	H	OH
CH ₃	O-acyl	S	2-N-acetylamino-8-methylhypoxanthine	H	OH
CH ₃	O-acyl	S	6-Methylthymine	OH	H
CH ₃	O-acyl	S	6-Methyluracil	OH	H
CH ₃	O-acyl	S	8-Methylguanine	OH	H
CH ₃	O-acyl	S	6-Methylcytosine	OH	H
CH ₃	O-acyl	S	8-Methyladenine	OH	H
CH ₃	O-acyl	S	8-Methylhypoxanthine	OH	H
CH ₃	O-acyl	S	5-Fluoro-6-Methyluracil	OH	H
CH ₃	O-acyl	S	5-Fluoro-6-Methylcytosine	OH	H
CH ₃	O-acyl	S	2-Fluoro-8-methyladenine	OH	H
CH ₃	O-acyl	S	2-Fluoro-8-methylhypoxanthine	OH	H
CH ₃	O-acyl	S	2-Amino-8-methyladenine	OH	H
CH ₃	O-acyl	S	2-Amino-8-methylhypoxanthine	OH	H
CH ₃	O-acyl	S	2-N-acetyl-8-methylguanine	OH	H
CH ₃	O-acyl	S	4-N-acetyl-8-methylcytosine	OH	H
CH ₃	O-acyl	S	6-N-acetyl-8-methyladenine	OH	H
CH ₃	O-acyl	S	4-N-acetyl-5-fluoro-8-methylcytosine	OH	H
CH ₃	O-acyl	S	6-N-acetyl-2-fluoro-8-methyladenine	OH	H
CH ₃	O-acyl	S	6-N-acetyl-2-amino-8-methyladenine	OH	H
CH ₃	O-acyl	S	2-N-acetylamino-8-methyladenine	OH	H
CH ₃	O-acyl	S	2-N-acetylamino-8-methylhypoxanthine	OH	H
CH ₃	O-amino acid		6-Methylthymine	F	H
CH ₃	O-amino acid		6-Methyluracil	F	H
CH ₃	O-amino acid		8-Methylguanine	F	H
CH ₃	O-amino acid		6-Methylcytosine	F	H
CH ₃	O-amino acid		8-Methyladenine	F	H
CH ₃	O-amino acid		8-Methylhypoxanthine	F	H
CH ₃	O-amino acid		5-Fluoro-6-Methyluracil	F	H
CH ₃	O-amino acid	S	5-Fluoro-6-Methylcytosine	F	H
CH ₃	O-amino acid	S	2-Fluoro-8-methyladenine	F	H
CH ₃	O-amino acid	S	2-Fluoro-8-methylhypoxanthine	F	H
CH ₃	O-amino acid	S	2-Amino-8-methyladenine	F	H
CH ₃	O-amino acid	S	2-Amino-8-methylhypoxanthine	F	H
CH ₃	O-amino acid	S	2-N-acetyl-8-methylguanine	F	H
CH ₃	O-amino acid	S	4-N-acetyl-8-methylcytosine	F	H
CH ₃	O-amino acid	S	6-N-acetyl-8-methyladenine	F	H
CH ₃	O-amino acid	S	4-N-acetyl-5-fluoro-8-methylcytosine	F	H
CH ₃	O-amino acid	S	6-N-acetyl-2-fluoro-8-methyladenine	F	H
CH ₃	O-amino acid	S	6-N-acetyl-2-amino-8-methyladenine	F	H
CH ₃	O-amino acid	S	2-N-acetylamino-8-methyladenine	F	H
CH ₃	O-amino acid	S	2-N-acetylamino-8-methylhypoxanthine	F	H
CH ₃	O-amino acid	S	6-Methylthymine	F	O-amino acid
CH ₃	O-amino acid	S	6-Methyluracil	F	O-amino acid
CH ₃	O-amino acid	S	8-Methylguanine	F	O-amino acid
CH ₃	O-amino acid	S	6-Methylcytosine	F	O-amino acid

TABLE 12-continued

R ⁶	R ⁷	X	Base	R ¹⁰	R ⁹
CH ₃	O-amino acid	S	8-Methyladenine	F	O-amino acid
CH ₃	O-amino acid	S	8-Methylhypoxanthine	F	O-amino acid
CH ₃	O-amino acid	S	5-Fluoro-6-Methyluracil	F	O-amino acid
CH ₃	O-amino acid	S	5-Fluoro-6-Methylcytosine	F	O-amino acid
CH ₃	O-amino acid	S	2-Fluoro-8-methyladenine	F	O-amino acid
CH ₃	O-amino acid	S	2-Fluoro-8-methylhypoxanthine	F	O-amino acid
CH ₃	O-amino acid	S	2-Amino-8-methyladenine	F	O-amino acid
CH ₃	O-amino acid	S	2-Amino-8-methylhypoxanthine	F	O-amino acid
CH ₃	O-amino acid	S	2-N-acetyl-8-methylguanine	F	O-amino acid
CH ₃	O-amino acid	S	4-N-acetyl-8-methylcytosine	F	O-amino acid
CH ₃	O-amino acid	S	6-N-acetyl-8-methyladenine	F	O-amino acid
CH ₃	O-amino acid	S	4-N-acetyl-5-fluoro-8-methylcytosine	F	O-amino acid
CH ₃	O-amino acid	S	6-N-acetyl-2-fluoro-8-methyladenine	F	O-amino acid
CH ₃	O-amino acid	S	6-N-acetyl-2-amino-8-methyladenine	F	O-amino acid
CH ₃	O-amino acid	S	2-N-acetylamino-8-methyladenine	F	O-amino acid
CH ₃	O-amino acid	S	2-N-acetylamino-8-methylhypoxanthine	F	O-amino acid
CH ₃	O-amino acid	S	6-Methylthymine	F	O-acyl
CH ₃	O-amino acid	S	6-Methyluracil	F	O-acyl
CH ₃	O-amino acid	S	8-Methylguanine	F	O-acyl
CH ₃	O-amino acid	S	6-Methylcytosine	F	O-acyl
CH ₃	O-amino acid	S	8-Methyladenine	F	O-acyl
CH ₃	O-amino acid	S	8-Methylhypoxanthine	F	O-acyl
CH ₃	O-amino acid	S	5-Fluoro-6-Methyluracil	F	O-acyl
CH ₃	O-amino acid	S	5-Fluoro-6-Methylcytosine	F	O-acyl
CH ₃	O-amino acid	S	2-Fluoro-8-methyladenine	F	O-acyl
CH ₃	O-amino acid	S	2-Fluoro-8-methylhypoxanthine	F	O-acyl
CH ₃	O-amino acid	S	2-Amino-8-methyladenine	F	O-acyl
CH ₃	O-amino acid	S	2-Amino-8-methylhypoxanthine	F	O-acyl
CH ₃	O-amino acid	S	2-N-acetyl-8-methylguanine	F	O-acyl
CH ₃	O-amino acid	S	4-N-acetyl-8-methylcytosine	F	O-acyl
CH ₃	O-amino acid	S	6-N-acetyl-8-methyladenine	F	O-acyl
CH ₃	O-amino acid	S	4-N-acetyl-5-fluoro-8-methylcytosine	F	O-acyl
CH ₃	O-amino acid	S	6-N-acetyl-2-fluoro-8-methyladenine	F	O-acyl
CH ₃	O-amino acid	S	6-N-acetyl-2-amino-8-methyladenine	F	O-acyl
CH ₃	O-amino acid	S	2-N-acetylamino-8-methyladenine	F	O-acyl
CH ₃	O-amino acid	S	2-N-acetylamino-8-methylhypoxanthine	F	O-acyl
CH ₃	O-amino acid	S	6-Methylthymine	F	OH
CH ₃	O-amino acid	S	6-Methyluracil	F	OH
CH ₃	O-amino acid	S	8-Methylguanine	F	OH
CH ₃	O-amino acid	S	6-Methylcytosine	F	OH
CH ₃	O-amino acid	S	8-Methyladenine	F	OH
CH ₃	O-amino acid	S	8-Methylhypoxanthine	F	OH
CH ₃	O-amino acid	S	5-Fluoro-6-Methyluracil	F	OH
CH ₃	O-amino acid	S	5-Fluoro-6-Methylcytosine	F	OH
CH ₃	O-amino acid	S	2-Fluoro-8-methyladenine	F	OH
CH ₃	O-amino acid	S	2-Fluoro-8-methylhypoxanthine	F	OH
CH ₃	O-amino acid	S	2-Amino-8-methyladenine	F	OH
CH ₃	O-amino acid	S	2-Amino-8-methylhypoxanthine	F	OH
CH ₃	O-amino acid	S	2-N-acetyl-8-methylguanine	F	OH
CH ₃	O-amino acid	S	4-N-acetyl-8-methylcytosine	F	OH
CH ₃	O-amino acid	S	6-N-acetyl-8-methyladenine	F	OH
CH ₃	O-amino acid	S	4-N-acetyl-5-fluoro-8-methylcytosine	F	OH
CH ₃	O-amino acid	S	6-N-acetyl-2-fluoro-8-methyladenine	F	OH
CH ₃	O-amino acid	S	6-N-acetyl-2-amino-8-methyladenine	F	OH
CH ₃	O-amino acid	S	2-N-acetylamino-8-methyladenine	F	OH
CH ₃	O-amino acid	S	2-N-acetylamino-8-methylhypoxanthine	F	OH
CH ₃	O-amino acid	S	6-Methylthymine	Br	H
CH ₃	O-amino acid	S	6-Methyluracil	Br	H
CH ₃	O-amino acid	S	8-Methylguanine	Br	H
CH ₃	O-amino acid	S	6-Methylcytosine	Br	H
CH ₃	O-amino acid	S	8-Methyladenine	Br	H
CH ₃	O-amino acid	S	8-Methylhypoxanthine	Br	H
CH ₃	O-amino acid	S	5-Fluoro-6-Methyluracil	Br	H
CH ₃	O-amino acid	S	5-Fluoro-6-Methylcytosine	Br	H
CH ₃	O-amino acid	S	2-Fluoro-8-methyladenine	Br	H
CH ₃	O-amino acid	S	2-Fluoro-8-methylhypoxanthine	Br	H
CH ₃	O-amino acid	S	2-Amino-8-methyladenine	Br	H
CH ₃	O-amino acid	S	2-Amino-8-methylhypoxanthine	Br	H
CH ₃	O-amino acid	S	2-N-acetyl-8-methylguanine	Br	H
CH ₃	O-amino acid	S	4-N-acetyl-8-methylcytosine	Br	H
CH ₃	O-amino acid	S	6-N-acetyl-8-methyladenine	Br	H
CH ₃	O-amino acid	S	4-N-acetyl-5-fluoro-8-methylcytosine	Br	H
CH ₃	O-amino acid	S	6-N-acetyl-2-fluoro-8-methyladenine	Br	H
CH ₃	O-amino acid	S	6-N-acetyl-2-amino-8-methyladenine	Br	H
CH ₃	O-amino acid	S	2-N-acetylamino-8-methyladenine	Br	H
CH ₃	O-amino acid	S	2-N-acetylamino-8-methylhypoxanthine	Br	H
CH ₃	O-amino acid	S	6-Methylthymine	Br	O-amino acid

TABLE 12-continued

R ⁶	R ⁷	X	Base	R ¹⁰	R ⁹
CH ₃	O-amino acid	S	6-Methyluracil	Br	O-amino acid
CH ₃	O-amino acid	S	8-Methylguanine	Br	O-amino acid
CH ₃	O-amino acid	S	6-Methylcytosine	Br	O-amino acid
CH ₃	O-amino acid	S	8-Methyladenine	Br	O-amino acid
CH ₃	O-amino acid	S	8-Methylhypoxanthine	Br	O-amino acid
CH ₃	O-amino acid	S	5-Fluoro-6-Methyluracil	Br	O-amino acid
CH ₃	O-amino acid	S	5-Fluoro-6-Methylcytosine	Br	O-amino acid
CH ₃	O-amino acid	S	2-Fluoro-8-methyladenine	Br	O-amino acid
CH ₃	O-amino acid	S	2-Fluoro-8-methylhypoxanthine	Br	O-amino acid
CH ₃	O-amino acid	S	2-Amino-8-methyladenine	Br	O-amino acid
CH ₃	O-amino acid	S	2-Amino-8-methylhypoxanthine	Br	O-amino acid
CH ₃	O-amino acid	S	2-N-acetyl-8-methylguanine	Br	O-amino acid
CH ₃	O-amino acid	S	4-N-acetyl-8-methylcytosine	Br	O-amino acid
CH ₃	O-amino acid	S	6-N-acetyl-8-methyladenine	Br	O-amino acid
CH ₃	O-amino acid	S	4-N-acetyl-5-fluoro-8-methylcytosine	Br	O-amino acid
CH ₃	O-amino acid	S	6-N-acetyl-2-fluoro-8-methyladenine	Br	O-amino acid
CH ₃	O-amino acid	S	6-N-acetyl-2-amino-8-methyladenine	Br	O-amino acid
CH ₃	O-amino acid	S	2-N-acetylamino-8-methyladenine	Br	O-amino acid
CH ₃	O-amino acid	S	2-N-acetylamino-8-methylhypoxanthine	Br	O-amino acid
CH ₃	O-amino acid	S	6-Methylthymine	Br	O-acyl
CH ₃	O-amino acid	S	6-Methyluracil	Br	O-acyl
CH ₃	O-amino acid	S	8-Methylguanine	Br	O-acyl
CH ₃	O-amino acid	S	6-Methylcytosine	Br	O-acyl
CH ₃	O-amino acid	S	8-Methyladenine	Br	O-acyl
CH ₃	O-amino acid	S	8-Methylhypoxanthine	Br	O-acyl
CH ₃	O-amino acid	S	5-Fluoro-6-Methyluracil	Br	O-acyl
CH ₃	O-amino acid	S	5-Fluoro-6-Methylcytosine	Br	O-acyl
CH ₃	O-amino acid	S	2-Fluoro-8-methyladenine	Br	O-acyl
CH ₃	O-amino acid	S	2-Fluoro-8-methylhypoxanthine	Br	O-acyl
CH ₃	O-amino acid	S	2-Amino-8-methyladenine	Br	O-acyl
CH ₃	O-amino acid	S	2-Amino-8-methylhypoxanthine	Br	O-acyl
CH ₃	O-amino acid	S	2-N-acetyl-8-methylguanine	Br	O-acyl
CH ₃	O-amino acid	S	4-N-acetyl-8-methylcytosine	Br	O-acyl
CH ₃	O-amino acid	S	6-N-acetyl-8-methyladenine	Br	O-acyl
CH ₃	O-amino acid	S	4-N-acetyl-5-fluoro-8-methylcytosine	Br	O-acyl
CH ₃	O-amino acid	S	6-N-acetyl-2-fluoro-8-methyladenine	Br	O-acyl
CH ₃	O-amino acid	S	6-N-acetyl-2-amino-8-methyladenine	Br	O-acyl
CH ₃	O-amino acid	S	2-N-acetylamino-8-methyladenine	Br	O-acyl
CH ₃	O-amino acid	S	2-N-acetylamino-8-methylhypoxanthine	Br	O-acyl
CH ₃	O-amino acid	S	6-Methylthymine	Br	OH
CH ₃	O-amino acid	S	6-Methyluracil	Br	OH
CH ₃	O-amino acid	S	8-Methylguanine	Br	OH
CH ₃	O-amino acid	S	6-Methylcytosine	Br	OH
CH ₃	O-amino acid	S	8-Methyladenine	Br	OH
CH ₃	O-amino acid	S	8-Methylhypoxanthine	Br	OH
CH ₃	O-amino acid	S	5-Fluoro-6-Methyluracil	Br	OH
CH ₃	O-amino acid	S	5-Fluoro-6-Methylcytosine	Br	OH
CH ₃	O-amino acid	S	2-Fluoro-8-methyladenine	Br	OH
CH ₃	O-amino acid	S	2-Fluoro-8-methylhypoxanthine	Br	OH
CH ₃	O-amino acid	S	2-Amino-8-methyladenine	Br	OH
CH ₃	O-amino acid	S	2-Amino-8-methylhypoxanthine	Br	OH
CH ₃	O-amino acid	S	2-N-acetyl-8-methylguanine	Br	OH
CH ₃	O-amino acid	S	4-N-acetyl-8-methylcytosine	Br	OH
CH ₃	O-amino acid	S	6-N-acetyl-8-methyladenine	Br	OH
CH ₃	O-amino acid	S	4-N-acetyl-5-fluoro-8-methylcytosine	Br	OH
CH ₃	O-amino acid	S	6-N-acetyl-2-fluoro-8-methyladenine	Br	OH
CH ₃	O-amino acid	S	6-N-acetyl-2-amino-8-methyladenine	Br	OH
CH ₃	O-amino acid	S	2-N-acetylamino-8-methyladenine	Br	OH
CH ₃	O-amino acid	S	2-N-acetylamino-8-methylhypoxanthine	Br	OH
CH ₃	O-amino acid	S	6-Methylthymine	Cl	H
CH ₃	O-amino acid	S	6-Methyluracil	Cl	H
CH ₃	O-amino acid	S	8-Methylguanine	Cl	H
CH ₃	O-amino acid	S	6-Methylcytosine	Cl	H
CH ₃	O-amino acid	S	8-Methyladenine	Cl	H
CH ₃	O-amino acid	S	8-Methylhypoxanthine	Cl	H
CH ₃	O-amino acid	S	5-Fluoro-6-Methyluracil	Cl	H
CH ₃	O-amino acid	S	5-Fluoro-6-Methylcytosine	Cl	H
CH ₃	O-amino acid	S	2-Fluoro-8-methyladenine	Cl	H
CH ₃	O-amino acid	S	2-Fluoro-8-methylhypoxanthine	Cl	H
CH ₃	O-amino acid	S	2-Amino-8-methyladenine	Cl	H
CH ₃	O-amino acid	S	2-Amino-8-methylhypoxanthine	Cl	H
CH ₃	O-amino acid	S	2-N-acetyl-8-methylguanine	Cl	H
CH ₃	O-amino acid	S	4-N-acetyl-8-methylcytosine	Cl	H
CH ₃	O-amino acid	S	6-N-acetyl-8-methyladenine	Cl	H
CH ₃	O-amino acid	S	4-N-acetyl-5-fluoro-8-methylcytosine	Cl	H
CH ₃	O-amino acid	S	6-N-acetyl-2-fluoro-8-methyladenine	Cl	H
CH ₃	O-amino acid	S	6-N-acetyl-2-amino-8-methyladenine	Cl	H
CH ₃	O-amino acid	S	2-N-acetylamino-8-methyladenine	Cl	H

TABLE 12-continued

R ⁶	R ⁷	X	Base	R ¹⁰	R ⁹
CH ₃	O-amino acid	S	2-N-acetyl-amino-8-methyladenine	Cl	H
CH ₃	O-amino acid	S	2-N-acetyl-amino-8-methylhypoxanthine	Cl	H
CH ₃	O-amino acid	S	6-Methylthymine	Cl	O-amino acid
CH ₃	O-amino acid	S	6-Methyluracil	Cl	O-amino acid
CH ₃	O-amino acid	S	8-Methylguanine	Cl	O-amino acid
CH ₃	O-amino acid	S	6-Methylcytosine	Cl	O-amino acid
CH ₃	O-amino acid	S	8-Methyladenine	Cl	O-amino acid
CH ₃	O-amino acid	S	8-Methylhypoxanthine	Cl	O-amino acid
CH ₃	O-amino acid	S	5-Fluoro-6-Methyluracil	Cl	O-amino acid
CH ₃	O-amino acid	S	5-Fluoro-6-Methylcytosine	Cl	O-amino acid
CH ₃	O-amino acid	S	2-Fluoro-8-methyladenine	Cl	O-amino acid
CH ₃	O-amino acid	S	2-Fluoro-8-methylhypoxanthine	Cl	O-amino acid
CH ₃	O-amino acid	S	2-Amino-8-methyladenine	Cl	O-amino acid
CH ₃	O-amino acid	S	2-Amino-8-methylhypoxanthine	Cl	O-amino acid
CH ₃	O-amino acid	S	2-N-acetyl-8-methylguanine	Cl	O-amino acid
CH ₃	O-amino acid	S	4-N-acetyl-8-methylcytosine	Cl	O-amino acid
CH ₃	O-amino acid	S	6-N-acetyl-8-methyladenine	Cl	O-amino acid
CH ₃	O-amino acid	S	4-N-acetyl-5-fluoro-8-methylcytosine	Cl	O-amino acid
CH ₃	O-amino acid	S	6-N-acetyl-2-fluoro-8-methyladenine	Cl	O-amino acid
CH ₃	O-amino acid	S	6-N-acetyl-2-amino-8-methyladenine	Cl	O-amino acid
CH ₃	O-amino acid	S	2-N-acetyl-amino-8-methyladenine	Cl	O-amino acid
CH ₃	O-amino acid	S	2-N-acetyl-amino-8-methylhypoxanthine	Cl	O-amino acid
CH ₃	O-amino acid	S	6-Methylthymine	Cl	O-acyl
CH ₃	O-amino acid	S	6-Methyluracil	Cl	O-acyl
CH ₃	O-amino acid	S	8-Methylguanine	Cl	O-acyl
CH ₃	O-amino acid	S	6-Methylcytosine	Cl	O-acyl
CH ₃	O-amino acid	S	8-Methyladenine	Cl	O-acyl
CH ₃	O-amino acid	S	8-Methylhypoxanthine	Cl	O-acyl
CH ₃	O-amino acid	S	5-Fluoro-6-Methyluracil	Cl	O-acyl
CH ₃	O-amino acid	S	5-Fluoro-6-Methylcytosine	Cl	O-acyl
CH ₃	O-amino acid	S	2-Fluoro-8-methyladenine	Cl	O-acyl
CH ₃	O-amino acid	S	2-Fluoro-8-methylhypoxanthine	Cl	O-acyl
CH ₃	O-amino acid	S	2-Amino-8-methyladenine	Cl	O-acyl
CH ₃	O-amino acid	S	2-Amino-8-methylhypoxanthine	Cl	O-acyl
CH ₃	O-amino acid	S	2-N-acetyl-8-methylguanine	Cl	O-acyl
CH ₃	O-amino acid	S	4-N-acetyl-8-methylcytosine	Cl	O-acyl
CH ₃	O-amino acid	S	6-N-acetyl-8-methyladenine	Cl	O-acyl
CH ₃	O-amino acid	S	4-N-acetyl-5-fluoro-8-methylcytosine	Cl	O-acyl
CH ₃	O-amino acid	S	6-N-acetyl-2-fluoro-8-methyladenine	Cl	O-acyl
CH ₃	O-amino acid	S	6-N-acetyl-2-amino-8-methyladenine	Cl	O-acyl
CH ₃	O-amino acid	S	2-N-acetyl-amino-8-methyladenine	Cl	O-acyl
CH ₃	O-amino acid	S	2-N-acetyl-amino-8-methylhypoxanthine	Cl	O-acyl
CH ₃	O-amino acid	S	6-Methylthymine	Cl	OH
CH ₃	O-amino acid	S	6-Methyluracil	Cl	OH
CH ₃	O-amino acid	S	8-Methylguanine	Cl	OH
CH ₃	O-amino acid	S	6-Methylcytosine	Cl	OH
CH ₃	O-amino acid	S	8-Methyladenine	Cl	OH
CH ₃	O-amino acid	S	8-Methylhypoxanthine	Cl	OH
CH ₃	O-amino acid	S	5-Fluoro-6-Methyluracil	Cl	OH
CH ₃	O-amino acid	S	5-Fluoro-6-Methylcytosine	Cl	OH
CH ₃	O-amino acid	S	2-Fluoro-8-methyladenine	Cl	OH
CH ₃	O-amino acid	S	2-Fluoro-8-methylhypoxanthine	Cl	OH
CH ₃	O-amino acid	S	2-Amino-8-methyladenine	Cl	OH
CH ₃	O-amino acid	S	2-Amino-8-methylhypoxanthine	Cl	OH
CH ₃	O-amino acid	S	2-N-acetyl-8-methylguanine	Cl	OH
CH ₃	O-amino acid	S	4-N-acetyl-8-methylcytosine	Cl	OH
CH ₃	O-amino acid	S	6-N-acetyl-8-methyladenine	Cl	OH
CH ₃	O-amino acid	S	4-N-acetyl-5-fluoro-8-methylcytosine	Cl	OH
CH ₃	O-amino acid	S	6-N-acetyl-2-fluoro-8-methyladenine	Cl	OH
CH ₃	O-amino acid	S	6-N-acetyl-2-amino-8-methyladenine	Cl	OH
CH ₃	O-amino acid	S	2-N-acetyl-amino-8-methyladenine	Cl	OH
CH ₃	O-amino acid	S	2-N-acetyl-amino-8-methylhypoxanthine	Cl	OH
CH ₃	O-amino acid	S	6-Methylthymine	H	H
CH ₃	O-amino acid	S	6-Methyluracil	H	H
CH ₃	O-amino acid	S	8-Methylguanine	H	H
CH ₃	O-amino acid	S	6-Methylcytosine	H	H
CH ₃	O-amino acid	S	8-Methyladenine	H	H
CH ₃	O-amino acid	S	8-Methylhypoxanthine	H	H
CH ₃	O-amino acid	S	5-Fluoro-6-Methyluracil	H	H
CH ₃	O-amino acid	S	5-Fluoro-6-Methylcytosine	H	H
CH ₃	O-amino acid	S	2-Fluoro-8-methyladenine	H	H
CH ₃	O-amino acid	S	2-Fluoro-8-methylhypoxanthine	H	H
CH ₃	O-amino acid	S	2-Amino-8-methyladenine	H	H
CH ₃	O-amino acid	S	2-Amino-8-methylhypoxanthine	H	H
CH ₃	O-amino acid	S	2-N-acetyl-8-methylguanine	H	H
CH ₃	O-amino acid	S	4-N-acetyl-8-methylcytosine	H	H
CH ₃	O-amino acid	S	6-N-acetyl-8-methyladenine	H	H

TABLE 12-continued

R ⁶	R ⁷	X	Base	R ¹⁰	R ⁹
CH ₃	O-amino acid	S	4-N-acetyl-5-fluoro-8-methylcytosine	H	H
CH ₃	O-amino acid	S	6-N-acetyl-2-fluoro-8-methyladenine	H	H
CH ₃	O-amino acid	S	6-N-acetyl-2-amino-8-methyladenine	H	H
CH ₃	O-amino acid	S	2-N-acetyl-amino-8-methyladenine	H	H
CH ₃	O-amino acid	S	2-N-acetyl-amino-8-methylhypoxanthine	H	H
CH ₃	O-amino acid	S	6-Methylthymine	H	O-amino acid
CH ₃	O-amino acid	S	6-Methyluracil	H	O-amino acid
CH ₃	O-amino acid	S	8-Methylguanine	H	O-amino acid
CH ₃	O-amino acid	S	6-Methylcytosine	H	O-amino acid
CH ₃	O-amino acid	S	8-Methyladenine	H	O-amino acid
CH ₃	O-amino acid	S	8-Methylhypoxanthine	H	O-amino acid
CH ₃	O-amino acid	S	5-Fluoro-6-Methyluracil	H	O-amino acid
CH ₃	O-amino acid	S	5-Fluoro-6-Methylcytosine	H	O-amino acid
CH ₃	O-amino acid	S	2-Fluoro-8-methyladenine	H	O-amino acid
CH ₃	O-amino acid	S	2-Fluoro-8-methylhypoxanthine	H	O-amino acid
CH ₃	O-amino acid	S	2-Amino-8-methyladenine	H	O-amino acid
CH ₃	O-amino acid	S	2-Amino-8-methylhypoxanthine	H	O-amino acid
CH ₃	O-amino acid	S	2-N-acetyl-8-methylguanine	H	O-amino acid
CH ₃	O-amino acid	S	4-N-acetyl-8-methylcytosine	H	O-amino acid
CH ₃	O-amino acid	S	6-N-acetyl-8-methyladenine	H	O-amino acid
CH ₃	O-amino acid	S	4-N-acetyl-5-fluoro-8-methylcytosine	H	O-amino acid
CH ₃	O-amino acid	S	6-N-acetyl-2-fluoro-8-methyladenine	H	O-amino acid
CH ₃	O-amino acid	S	6-N-acetyl-2-amino-8-methyladenine	H	O-amino acid
CH ₃	O-amino acid	S	2-N-acetyl-amino-8-methyladenine	H	O-amino acid
CH ₃	O-amino acid	S	2-N-acetyl-amino-8-methylhypoxanthine	H	O-amino acid
CH ₃	O-amino acid	S	6-Methylthymine	H	O-acyl
CH ₃	O-amino acid	S	6-Methyluracil	H	O-acyl
CH ₃	O-amino acid	S	8-Methylguanine	H	O-acyl
CH ₃	O-amino acid	S	6-Methylcytosine	H	O-acyl
CH ₃	O-amino acid	S	8-Methyladenine	H	O-acyl
CH ₃	O-amino acid	S	8-Methylhypoxanthine	H	O-acyl
CH ₃	O-amino acid	S	5-Fluoro-6-Methyluracil	H	O-acyl
CH ₃	O-amino acid	S	5-Fluoro-6-Methylcytosine	H	O-acyl
CH ₃	O-amino acid	S	2-Fluoro-8-methyladenine	H	O-acyl
CH ₃	O-amino acid	S	2-Fluoro-8-methylhypoxanthine	H	O-acyl
CH ₃	O-amino acid	S	2-Amino-8-methyladenine	H	O-acyl
CH ₃	O-amino acid	S	2-Amino-8-methylhypoxanthine	H	O-acyl
CH ₃	O-amino acid	S	2-N-acetyl-8-methylguanine	H	O-acyl
CH ₃	O-amino acid	S	4-N-acetyl-8-methylcytosine	H	O-acyl
CH ₃	O-amino acid	S	6-N-acetyl-8-methyladenine	H	O-acyl
CH ₃	O-amino acid	S	4-N-acetyl-5-fluoro-8-methylcytosine	H	O-acyl
CH ₃	O-amino acid	S	6-N-acetyl-2-fluoro-8-methyladenine	H	O-acyl
CH ₃	O-amino acid	S	6-N-acetyl-2-amino-8-methyladenine	H	O-acyl
CH ₃	O-amino acid	S	2-N-acetyl-amino-8-methyladenine	H	O-acyl
CH ₃	O-amino acid	S	2-N-acetyl-amino-8-methylhypoxanthine	H	O-acyl
CH ₃	O-amino acid	S	6-Methylthymine	H	OH
CH ₃	O-amino acid	S	6-Methyluracil	H	OH
CH ₃	O-amino acid	S	8-Methylguanine	H	OH
CH ₃	O-amino acid	S	6-Methylcytosine	H	OH
CH ₃	O-amino acid	S	8-Methyladenine	H	OH
CH ₃	O-amino acid	S	8-Methylhypoxanthine	H	OH
CH ₃	O-amino acid	S	5-Fluoro-6-Methyluracil	H	OH
CH ₃	O-amino acid	S	5-Fluoro-6-Methylcytosine	H	OH
CH ₃	O-amino acid	S	2-Fluoro-8-methyladenine	H	OH
CH ₃	O-amino acid	S	2-Fluoro-8-methylhypoxanthine	H	OH
CH ₃	O-amino acid	S	2-Amino-8-methyladenine	H	OH
CH ₃	O-amino acid	S	2-Amino-8-methylhypoxanthine	H	OH
CH ₃	O-amino acid	S	2-N-acetyl-8-methylguanine	H	OH
CH ₃	O-amino acid	S	4-N-acetyl-8-methylcytosine	H	OH
CH ₃	O-amino acid	S	6-N-acetyl-8-methyladenine	H	OH
CH ₃	O-amino acid	S	4-N-acetyl-5-fluoro-8-methylcytosine	H	OH
CH ₃	O-amino acid	S	6-N-acetyl-2-fluoro-8-methyladenine	H	OH
CH ₃	O-amino acid	S	6-N-acetyl-2-amino-8-methyladenine	H	OH
CH ₃	O-amino acid	S	2-N-acetyl-amino-8-methyladenine	H	OH
CH ₃	O-amino acid	S	2-N-acetyl-amino-8-methylhypoxanthine	H	OH
CH ₃	O-amino acid	S	6-Methylthymine	OH	H
CH ₃	O-amino acid	S	6-Methyluracil	OH	H
CH ₃	O-amino acid	S	8-Methylguanine	OH	H
CH ₃	O-amino acid	S	6-Methylcytosine	OH	H
CH ₃	O-amino acid	S	8-Methyladenine	OH	H
CH ₃	O-amino acid	S	8-Methylhypoxanthine	OH	H
CH ₃	O-amino acid	S	5-Fluoro-6-Methyluracil	OH	H
CH ₃	O-amino acid	S	5-Fluoro-6-Methylcytosine	OH	H
CH ₃	O-amino acid	S	2-Fluoro-8-methyladenine	OH	H
CH ₃	O-amino acid	S	2-Fluoro-8-methylhypoxanthine	OH	H
CH ₃	O-amino acid	S	2-Amino-8-methyladenine	OH	H
CH ₃	O-amino acid	S	2-Amino-8-methylhypoxanthine	OH	H

TABLE 12-continued

R ⁶	R ⁷	X	Base	R ¹⁰	R ⁹
CH ₃	O-amino acid	S	2-N-acetyl-8-methylguanine	OH	H
CH ₃	O-amino acid	S	4-N-acetyl-8-methylcytosine	OH	H
CH ₃	O-amino acid	S	6-N-acetyl-8-methyladenine	OH	H
CH ₃	O-amino acid	S	4-N-acetyl-5-fluoro-8-methylcytosine	OH	H
CH ₃	O-amino acid	S	6-N-acetyl-2-fluoro-8-methyladenine	OH	H
CH ₃	O-amino acid	S	6-N-acetyl-2-amino-8-methyladenine	OH	H
CH ₃	O-amino acid	S	2-N-acetyl-amino-8-methyladenine	OH	H
CH ₃	O-amino acid	S	2-N-acetyl-amino-8-methylhypoxanthine	OH	H
CH ₃	OH	S	6-Methylthymine	F	O-amino acid
CH ₃	OH	S	6-Methyluracil	F	O-amino acid
CH ₃	OH	S	8-Methylguanine	F	O-amino acid
CH ₃	OH	S	6-Methylcytosine	F	O-amino acid
CH ₃	OH	S	8-Methyladenine	F	O-amino acid
CH ₃	OH	S	8-Methylhypoxanthine	F	O-amino acid
CH ₃	OH	S	5-Fluoro-6-Methyluracil	F	O-amino acid
CH ₃	OH	S	5-Fluoro-6-Methylcytosine	F	O-amino acid
CH ₃	OH	S	2-Fluoro-8-methyladenine	F	O-amino acid
CH ₃	OH	S	2-Fluoro-8-methylhypoxanthine	F	O-amino acid
CH ₃	OH	S	2-Amino-8-methyladenine	F	O-amino acid
CH ₃	OH	S	2-Amino-8-methylhypoxanthine	F	O-amino acid
CH ₃	OH	S	2-N-acetyl-8-methylguanine	F	O-amino acid
CH ₃	OH	S	4-N-acetyl-8-methylcytosine	F	O-amino acid
CH ₃	OH	S	6-N-acetyl-8-methyladenine	F	O-amino acid
CH ₃	OH	S	4-N-acetyl-5-fluoro-8-methylcytosine	F	O-amino acid
CH ₃	OH	S	6-N-acetyl-2-fluoro-8-methyladenine	F	O-amino acid
CH ₃	OH	S	6-N-acetyl-2-amino-8-methyladenine	F	O-amino acid
CH ₃	OH	S	2-N-acetyl-amino-8-methyladenine	F	O-amino acid
CH ₃	OH	S	2-N-acetyl-amino-8-methylhypoxanthine	F	O-amino acid
CH ₃	OH	S	6-Methylthymine	F	O-acyl
CH ₃	OH	S	6-Methyluracil	F	O-acyl
CH ₃	OH	S	8-Methylguanine	F	O-acyl
CH ₃	OH	S	6-Methylcytosine	F	O-acyl
CH ₃	OH	S	8-Methyladenine	F	O-acyl
CH ₃	OH	S	8-Methylhypoxanthine	F	O-acyl
CH ₃	OH	S	5-Fluoro-6-Methyluracil	F	O-acyl
CH ₃	OH	S	5-Fluoro-6-Methylcytosine	F	O-acyl
CH ₃	OH	S	2-Fluoro-8-methyladenine	F	O-acyl
CH ₃	OH	S	2-Fluoro-8-methylhypoxanthine	F	O-acyl
CH ₃	OH	S	2-Amino-8-methyladenine	F	O-acyl
CH ₃	OH	S	2-Amino-8-methylhypoxanthine	F	O-acyl
CH ₃	OH	S	2-N-acetyl-8-methylguanine	F	O-acyl
CH ₃	OH	S	4-N-acetyl-8-methylcytosine	F	O-acyl
CH ₃	OH	S	6-N-acetyl-8-methyladenine	F	O-acyl
CH ₃	OH	S	4-N-acetyl-5-fluoro-8-methylcytosine	F	O-acyl
CH ₃	OH	S	6-N-acetyl-2-fluoro-8-methyladenine	F	O-acyl
CH ₃	OH	S	6-N-acetyl-2-amino-8-methyladenine	F	O-acyl
CH ₃	OH	S	2-N-acetyl-amino-8-methyladenine	F	O-acyl
CH ₃	OH	S	2-N-acetyl-amino-8-methylhypoxanthine	F	O-acyl
CH ₃	OH	S	6-Methylthymine	Br	O-amino acid
CH ₃	OH	S	6-Methyluracil	Br	O-amino acid
CH ₃	OH	S	8-Methylguanine	Br	O-amino acid
CH ₃	OH	S	6-Methylcytosine	Br	O-amino acid
CH ₃	OH	S	8-Methyladenine	Br	O-amino acid
CH ₃	OH	S	8-Methylhypoxanthine	Br	O-amino acid
CH ₃	OH	S	5-Fluoro-6-Methyluracil	Br	O-amino acid
CH ₃	OH	S	5-Fluoro-6-Methylcytosine	Br	O-amino acid
CH ₃	OH	S	2-Fluoro-8-methyladenine	Br	O-amino acid
CH ₃	OH	S	2-Fluoro-8-methylhypoxanthine	Br	O-amino acid
CH ₃	OH	S	2-Amino-8-methyladenine	Br	O-amino acid
CH ₃	OH	S	2-Amino-8-methylhypoxanthine	Br	O-amino acid
CH ₃	OH	S	2-N-acetyl-8-methylguanine	Br	O-amino acid
CH ₃	OH	S	4-N-acetyl-8-methylcytosine	Br	O-amino acid
CH ₃	OH	S	6-N-acetyl-8-methyladenine	Br	O-amino acid
CH ₃	OH	S	4-N-acetyl-5-fluoro-8-methylcytosine	Br	O-amino acid
CH ₃	OH	S	6-N-acetyl-2-fluoro-8-methyladenine	Br	O-amino acid
CH ₃	OH	S	6-N-acetyl-2-amino-8-methyladenine	Br	O-amino acid
CH ₃	OH	S	2-N-acetyl-amino-8-methyladenine	Br	O-amino acid
CH ₃	OH	S	2-N-acetyl-amino-8-methylhypoxanthine	Br	O-amino acid
CH ₃	OH	S	6-Methylthymine	Br	O-acyl
CH ₃	OH	S	6-Methyluracil	Br	O-acyl
CH ₃	OH	S	8-Methylguanine	Br	O-acyl
CH ₃	OH	S	6-Methylcytosine	Br	O-acyl
CH ₃	OH	S	8-Methyladenine	Br	O-acyl
CH ₃	OH	S	8-Methylhypoxanthine	Br	O-acyl
CH ₃	OH	S	5-Fluoro-6-Methyluracil	Br	O-acyl
CH ₃	OH	S	5-Fluoro-6-Methylcytosine	Br	O-acyl
CH ₃	OH	S	2-Fluoro-8-methyladenine	Br	O-acyl

TABLE 12-continued

R ⁶	R ⁷	X	Base	R ¹⁰	R ⁹
CH ₃	OH	S	2-Fluoro-8-methylhypoxanthine	Br	O-acyl
CH ₃	OH	S	2-Amino-8-methyladenine	Br	O-acyl
CH ₃	OH	S	2-Amino-8-methylhypoxanthine	Br	O-acyl
CH ₃	OH	S	2-N-acetyl-8-methylguanine	Br	O-acyl
CH ₃	OH	S	4-N-acetyl-8-methylcytosine	Br	O-acyl
CH ₃	OH	S	6-N-acetyl-8-methyladenine	Br	O-acyl
CH ₃	OH	S	4-N-acetyl-5-fluoro-8-methylcytosine	Br	O-acyl
CH ₃	OH	S	6-N-acetyl-2-fluoro-8-methyladenine	Br	O-acyl
CH ₃	OH	S	6-N-acetyl-2-amino-8-methyladenine	Br	O-acyl
CH ₃	OH	S	2-N-acetylamino-8-methyladenine	Br	O-acyl
CH ₃	OH	S	2-N-acetylamino-8-methylhypoxanthine	Br	O-acyl
CH ₃	OH	S	6-Methylthymine	Cl	O-amino acid
CH ₃	OH	S	6-Methyluracil	Cl	O-amino acid
CH ₃	OH	S	8-Methylguanine	Cl	O-amino acid
CH ₃	OH	S	6-Methylcytosine	Cl	O-amino acid
CH ₃	OH	S	8-Methyladenine	Cl	O-amino acid
CH ₃	OH	S	8-Methylhypoxanthine	Cl	O-amino acid
CH ₃	OH	S	5-Fluoro-6-Methyluracil	Cl	O-amino acid
CH ₃	OH	S	5-Fluoro-6-Methylcytosine	Cl	O-amino acid
CH ₃	OH	S	2-Fluoro-8-methyladenine	Cl	O-amino acid
CH ₃	OH	S	2-Fluoro-8-methylhypoxanthine	Cl	O-amino acid
CH ₃	OH	S	2-Amino-8-methyladenine	Cl	O-amino acid
CH ₃	OH	S	2-Amino-8-methylhypoxanthine	Cl	O-amino acid
CH ₃	OH	S	2-N-acetyl-8-methylguanine	Cl	O-amino acid
CH ₃	OH	S	4-N-acetyl-8-methylcytosine	Cl	O-amino acid
CH ₃	OH	S	6-N-acetyl-8-methyladenine	Cl	O-amino acid
CH ₃	OH	S	4-N-acetyl-5-fluoro-8-methylcytosine	Cl	O-amino acid
CH ₃	OH	S	6-N-acetyl-2-fluoro-8-methyladenine	Cl	O-amino acid
CH ₃	OH	S	6-N-acetyl-2-amino-8-methyladenine	Cl	O-amino acid
CH ₃	OH	S	2-N-acetylamino-8-methyladenine	Cl	O-amino acid
CH ₃	OH	S	2-N-acetylamino-8-methylhypoxanthine	Cl	O-amino acid
CH ₃	OH	S	6-Methylthymine	Cl	O-acyl
CH ₃	OH	S	6-Methyluracil	Cl	O-acyl
CH ₃	OH	S	8-Methylguanine	Cl	O-acyl
CH ₃	OH	S	6-Methylcytosine	Cl	O-acyl
CH ₃	OH	S	8-Methyladenine	Cl	O-acyl
CH ₃	OH	S	8-Methylhypoxanthine	Cl	O-acyl
CH ₃	OH	S	5-Fluoro-6-Methyluracil	Cl	O-acyl
CH ₃	OH	S	5-Fluoro-6-Methylcytosine	Cl	O-acyl
CH ₃	OH	S	2-Fluoro-8-methyladenine	Cl	O-acyl
CH ₃	OH	S	2-Fluoro-8-methylhypoxanthine	Cl	O-acyl
CH ₃	OH	S	2-Amino-8-methyladenine	Cl	O-acyl
CH ₃	OH	S	2-Amino-8-methylhypoxanthine	Cl	O-acyl
CH ₃	OH	S	2-N-acetyl-8-methylguanine	Cl	O-acyl
CH ₃	OH	S	4-N-acetyl-8-methylcytosine	Cl	O-acyl
CH ₃	OH	S	6-N-acetyl-8-methyladenine	Cl	O-acyl
CH ₃	OH	S	4-N-acetyl-5-fluoro-8-methylcytosine	Cl	O-acyl
CH ₃	OH	S	6-N-acetyl-2-fluoro-8-methyladenine	Cl	O-acyl
CH ₃	OH	S	6-N-acetyl-2-amino-8-methyladenine	Cl	O-acyl
CH ₃	OH	S	2-N-acetylamino-8-methyladenine	Cl	O-acyl
CH ₃	OH	S	2-N-acetylamino-8-methylhypoxanthine	Cl	O-acyl
CH ₃	OH	S	6-Methylthymine	H	O-amino acid
CH ₃	OH	S	6-Methyluracil	H	O-amino acid
CH ₃	OH	S	8-Methylguanine	H	O-amino acid
CH ₃	OH	S	6-Methylcytosine	H	O-amino acid
CH ₃	OH	S	8-Methyladenine	H	O-amino acid
CH ₃	OH	S	8-Methylhypoxanthine	H	O-amino acid
CH ₃	OH	S	5-Fluoro-6-Methyluracil	H	O-amino acid
CH ₃	OH	S	5-Fluoro-6-Methylcytosine	H	O-amino acid
CH ₃	OH	S	2-Fluoro-8-methyladenine	H	O-amino acid
CH ₃	OH	S	2-Fluoro-8-methylhypoxanthine	H	O-amino acid
CH ₃	OH	S	2-Amino-8-methyladenine	H	O-amino acid
CH ₃	OH	S	2-Amino-8-methylhypoxanthine	H	O-amino acid
CH ₃	OH	S	2-N-acetyl-8-methylguanine	H	O-amino acid
CH ₃	OH	S	4-N-acetyl-8-methylcytosine	H	O-amino acid
CH ₃	OH	S	6-N-acetyl-8-methyladenine	H	O-amino acid
CH ₃	OH	S	4-N-acetyl-5-fluoro-8-methylcytosine	H	O-amino acid
CH ₃	OH	S	6-N-acetyl-2-fluoro-8-methyladenine	H	O-amino acid
CH ₃	OH	S	6-N-acetyl-2-amino-8-methyladenine	H	O-amino acid
CH ₃	OH	S	2-N-acetylamino-8-methyladenine	H	O-amino acid
CH ₃	OH	S	2-N-acetylamino-8-methylhypoxanthine	H	O-amino acid
CH ₃	OH	S	6-Methylthymine	H	O-acyl
CH ₃	OH	S	6-Methyluracil	H	O-acyl
CH ₃	OH	S	8-Methylguanine	H	O-acyl
CH ₃	OH	S	6-Methylcytosine	H	O-acyl
CH ₃	OH	S	8-Methyladenine	H	O-acyl
CH ₃	OH	S	8-Methylhypoxanthine	H	O-acyl

TABLE 12-continued

R ⁶	R ⁷	X	Base	R ¹⁰	R ⁹
CH ₃	OH	S	5-Fluoro-6-Methyluracil	H	O-acyl
CH ₃	OH	S	5-Fluoro-6-Methylcytosine	H	O-acyl
CH ₃	OH	S	2-Fluoro-8-methyladenine	H	O-acyl
CH ₃	OH	S	2-Fluoro-8-methylhypoxanthine	H	O-acyl
CH ₃	OH	S	2-Amino-8-methyladenine	H	O-acyl
CH ₃	OH	S	2-Amino-8-methylhypoxanthine	H	O-acyl
CH ₃	OH	S	2-N-acetyl-8-methylguanine	H	O-acyl
CH ₃	OH	S	4-N-acetyl-8-methylcytosine	H	O-acyl
CH ₃	OH	S	6-N-acetyl-8-methyladenine	H	O-acyl
CH ₃	OH	S	4-N-acetyl-5-fluoro-8-methylcytosine	H	O-acyl
CH ₃	OH	S	6-N-acetyl-2-fluoro-8-methyladenine	H	O-acyl
CH ₃	OH	S	6-N-acetyl-2-amino-8-methyladenine	H	O-acyl
CH ₃	OH	S	2-N-acetylamino-8-methyladenine	H	O-acyl
CH ₃	OH	S	2-N-acetylamino-8-methylhypoxanthine	H	O-acyl
CH ₃	H	S	6-Methylthymine	F	O-amino acid
CH ₃	H	S	6-Methyluracil	F	O-amino acid
CH ₃	H	S	8-Methylguanine	F	O-amino acid
CH ₃	H	S	6-Methylcytosine	F	O-amino acid
CH ₃	H	S	8-Methyladenine	F	O-amino acid
CH ₃	H	S	8-Methylhypoxanthine	F	O-amino acid
CH ₃	H	S	5-Fluoro-6-Methyluracil	F	O-amino acid
CH ₃	H	S	5-Fluoro-6-Methylcytosine	F	O-amino acid
CH ₃	H	S	2-Fluoro-8-methyladenine	F	O-amino acid
CH ₃	H	S	2-Fluoro-8-methylhypoxanthine	F	O-amino acid
CH ₃	H	S	2-Amino-8-methyladenine	F	O-amino acid
CH ₃	H	S	2-Amino-8-methylhypoxanthine	F	O-amino acid
CH ₃	H	S	2-N-acetyl-8-methylguanine	F	O-amino acid
CH ₃	H	S	4-N-acetyl-8-methylcytosine	F	O-amino acid
CH ₃	H	S	6-N-acetyl-8-methyladenine	F	O-amino acid
CH ₃	H	S	4-N-acetyl-5-fluoro-8-methylcytosine	F	O-amino acid
CH ₃	H	S	6-N-acetyl-2-fluoro-8-methyladenine	F	O-amino acid
CH ₃	H	S	6-N-acetyl-2-amino-8-methyladenine	F	O-amino acid
CH ₃	H	S	2-N-acetylamino-8-methyladenine	F	O-amino acid
CH ₃	H	S	2-N-acetylamino-8-methylhypoxanthine	F	O-amino acid
CH ₃	H	S	6-Methylthymine	F	O-acyl
CH ₃	H	S	6-Methyluracil	F	O-acyl
CH ₃	H	S	8-Methylguanine	F	O-acyl
CH ₃	H	S	6-Methylcytosine	F	O-acyl
CH ₃	H	S	8-Methyladenine	F	O-acyl
CH ₃	H	S	8-Methylhypoxanthine	F	O-acyl
CH ₃	H	S	5-Fluoro-6-Methyluracil	F	O-acyl
CH ₃	H	S	5-Fluoro-6-Methylcytosine	F	O-acyl
CH ₃	H	S	2-Fluoro-8-methyladenine	F	O-acyl
CH ₃	H	S	2-Fluoro-8-methylhypoxanthine	F	O-acyl
CH ₃	H	S	2-Amino-8-methyladenine	F	O-acyl
CH ₃	H	S	2-Amino-8-methylhypoxanthine	F	O-acyl
CH ₃	H	S	2-N-acetyl-8-methylguanine	F	O-acyl
CH ₃	H	S	4-N-acetyl-8-methylcytosine	F	O-acyl
CH ₃	H	S	6-N-acetyl-8-methyladenine	F	O-acyl
CH ₃	H	S	4-N-acetyl-5-fluoro-8-methylcytosine	F	O-acyl
CH ₃	H	S	6-N-acetyl-2-fluoro-8-methyladenine	F	O-acyl
CH ₃	H	S	6-N-acetyl-2-amino-8-methyladenine	F	O-acyl
CH ₃	H	S	2-N-acetylamino-8-methyladenine	F	O-acyl
CH ₃	H	S	2-N-acetylamino-8-methylhypoxanthine	F	O-acyl
CH ₃	H	S	6-Methylthymine	Br	O-amino acid
CH ₃	H	S	6-Methyluracil	Br	O-amino acid
CH ₃	H	S	8-Methylguanine	Br	O-amino acid
CH ₃	H	S	6-Methylcytosine	Br	O-amino acid
CH ₃	H	S	8-Methyladenine	Br	O-amino acid
CH ₃	H	S	8-Methylhypoxanthine	Br	O-amino acid
CH ₃	H	S	5-Fluoro-6-Methyluracil	Br	O-amino acid
CH ₃	H	S	5-Fluoro-6-Methylcytosine	Br	O-amino acid
CH ₃	H	S	2-Fluoro-8-methyladenine	Br	O-amino acid
CH ₃	H	S	2-Fluoro-8-methylhypoxanthine	Br	O-amino acid
CH ₃	H	S	2-Amino-8-methyladenine	Br	O-amino acid
CH ₃	H	S	2-Amino-8-methylhypoxanthine	Br	O-amino acid
CH ₃	H	S	2-N-acetyl-8-methylguanine	Br	O-amino acid
CH ₃	H	S	4-N-acetyl-8-methylcytosine	Br	O-amino acid
CH ₃	H	S	6-N-acetyl-8-methyladenine	Br	O-amino acid
CH ₃	H	S	4-N-acetyl-5-fluoro-8-methylcytosine	Br	O-amino acid
CH ₃	H	S	6-N-acetyl-2-fluoro-8-methyladenine	Br	O-amino acid
CH ₃	H	S	6-N-acetyl-2-amino-8-methyladenine	Br	O-amino acid
CH ₃	H	S	2-N-acetylamino-8-methyladenine	Br	O-amino acid
CH ₃	H	S	2-N-acetylamino-8-methylhypoxanthine	Br	O-amino acid
CH ₃	H	S	6-Methylthymine	Br	O-acyl
CH ₃	H	S	6-Methyluracil	Br	O-acyl
CH ₃	H	S	8-Methylguanine	Br	O-acyl

TABLE 12-continued

R ⁶	R ⁷	X	Base	R ¹⁰	R ⁹
CH ₃	H	S	6-Methylcytosine	Br	O-acyl
CH ₃	H	S	8-Methyladenine	Br	O-acyl
CH ₃	H	S	8-Methylhypoxanthine	Br	O-acyl
CH ₃	H	S	5-Fluoro-6-Methyluracil	Br	O-acyl
CH ₃	H	S	5-Fluoro-6-Methylcytosine	Br	O-acyl
CH ₃	H	S	2-Fluoro-8-methyladenine	Br	O-acyl
CH ₃	H	S	2-Fluoro-8-methylhypoxanthine	Br	O-acyl
CH ₃	H	S	2-Amino-8-methyladenine	Br	O-acyl
CH ₃	H	S	2-Amino-8-methylhypoxanthine	Br	O-acyl
CH ₃	H	S	2-N-acetyl-8-methylguanine	Br	O-acyl
CH ₃	H	S	4-N-acetyl-8-methylcytosine	Br	O-acyl
CH ₃	H	S	6-N-acetyl-8-methyladenine	Br	O-acyl
CH ₃	H	S	4-N-acetyl-5-fluoro-8-methylcytosine	Br	O-acyl
CH ₃	H	S	6-N-acetyl-2-fluoro-8-methyladenine	Br	O-acyl
CH ₃	H	S	6-N-acetyl-2-amino-8-methyladenine	Br	O-acyl
CH ₃	H	S	2-N-acetyl-amino-8-methyladenine	Br	O-acyl
CH ₃	H	S	2-N-acetyl-amino-8-methylhypoxanthine	Br	O-acyl
CH ₃	H	S	6-Methylthymine	Cl	O-amino acid
CH ₃	H	S	6-Methyluracil	Cl	O-amino acid
CH ₃	H	S	8-Methylguanine	Cl	O-amino acid
CH ₃	H	S	6-Methylcytosine	Cl	O-amino acid
CH ₃	H	S	8-Methyladenine	Cl	O-amino acid
CH ₃	H	S	8-Methylhypoxanthine	Cl	O-amino acid
CH ₃	H	S	5-Fluoro-6-Methyluracil	Cl	O-amino acid
CH ₃	H	S	5-Fluoro-6-Methylcytosine	Cl	O-amino acid
CH ₃	H	S	2-Fluoro-8-methyladenine	Cl	O-amino acid
CH ₃	H	S	2-Fluoro-8-methylhypoxanthine	Cl	O-amino acid
CH ₃	H	S	2-Amino-8-methyladenine	Cl	O-amino acid
CH ₃	H	S	2-Amino-8-methylhypoxanthine	Cl	O-amino acid
CH ₃	H	S	2-N-acetyl-8-methylguanine	Cl	O-amino acid
CH ₃	H	S	4-N-acetyl-8-methylcytosine	Cl	O-amino acid
CH ₃	H	S	6-N-acetyl-8-methyladenine	Cl	O-amino acid
CH ₃	H	S	4-N-acetyl-5-fluoro-8-methylcytosine	Cl	O-amino acid
CH ₃	H	S	6-N-acetyl-2-fluoro-8-methyladenine	Cl	O-amino acid
CH ₃	H	S	6-N-acetyl-2-amino-8-methyladenine	Cl	O-amino acid
CH ₃	H	S	2-N-acetyl-amino-8-methyladenine	Cl	O-amino acid
CH ₃	H	S	2-N-acetyl-amino-8-methylhypoxanthine	Cl	O-amino acid
CH ₃	H	S	6-Methylthymine	Cl	O-acyl
CH ₃	H	S	6-Methyluracil	Cl	O-acyl
CH ₃	H	S	8-Methylguanine	Cl	O-acyl
CH ₃	H	S	6-Methylcytosine	Cl	O-acyl
CH ₃	H	S	8-Methyladenine	Cl	O-acyl
CH ₃	H	S	8-Methylhypoxanthine	Cl	O-acyl
CH ₃	H	S	5-Fluoro-6-Methyluracil	Cl	O-acyl
CH ₃	H	S	5-Fluoro-6-Methylcytosine	Cl	O-acyl
CH ₃	H	S	2-Fluoro-8-methyladenine	Cl	O-acyl
CH ₃	H	S	2-Fluoro-8-methylhypoxanthine	Cl	O-acyl
CH ₃	H	S	2-Amino-8-methyladenine	Cl	O-acyl
CH ₃	H	S	2-Amino-8-methylhypoxanthine	Cl	O-acyl
CH ₃	H	S	2-N-acetyl-8-methylguanine	Cl	O-acyl
CH ₃	H	S	4-N-acetyl-8-methylcytosine	Cl	O-acyl
CH ₃	H	S	6-N-acetyl-8-methyladenine	Cl	O-acyl
CH ₃	H	S	4-N-acetyl-5-fluoro-8-methylcytosine	Cl	O-acyl
CH ₃	H	S	6-N-acetyl-2-fluoro-8-methyladenine	Cl	O-acyl
CH ₃	H	S	6-N-acetyl-2-amino-8-methyladenine	Cl	O-acyl
CH ₃	H	S	2-N-acetyl-amino-8-methyladenine	Cl	O-acyl
CH ₃	H	S	2-N-acetyl-amino-8-methylhypoxanthine	Cl	O-acyl
CH ₃	H	S	6-Methylthymine	H	O-amino acid
CH ₃	H	S	6-Methyluracil	H	O-amino acid
CH ₃	H	S	8-Methylguanine	H	O-amino acid
CH ₃	H	S	6-Methylcytosine	H	O-amino acid
CH ₃	H	S	8-Methyladenine	H	O-amino acid
CH ₃	H	S	8-Methylhypoxanthine	H	O-amino acid
CH ₃	H	S	5-Fluoro-6-Methyluracil	H	O-amino acid
CH ₃	H	S	5-Fluoro-6-Methylcytosine	H	O-amino acid
CH ₃	H	S	2-Fluoro-8-methyladenine	H	O-amino acid
CH ₃	H	S	2-Fluoro-8-methylhypoxanthine	H	O-amino acid
CH ₃	H	S	2-Amino-8-methyladenine	H	O-amino acid
CH ₃	H	S	2-Amino-8-methylhypoxanthine	H	O-amino acid
CH ₃	H	S	2-N-acetyl-8-methylguanine	H	O-amino acid
CH ₃	H	S	4-N-acetyl-8-methylcytosine	H	O-amino acid
CH ₃	H	S	6-N-acetyl-8-methyladenine	H	O-amino acid
CH ₃	H	S	4-N-acetyl-5-fluoro-8-methylcytosine	H	O-amino acid
CH ₃	H	S	6-N-acetyl-2-fluoro-8-methyladenine	H	O-amino acid
CH ₃	H	S	6-N-acetyl-2-amino-8-methyladenine	H	O-amino acid
CH ₃	H	S	2-N-acetyl-amino-8-methyladenine	H	O-amino acid
CH ₃	H	S	2-N-acetyl-amino-8-methylhypoxanthine	H	O-amino acid

TABLE 12-continued

R ⁶	R ⁷	X	Base	R ¹⁰	R ⁹
CH ₃	H	S	6-Methylthymine	H	O-acyl
CH ₃	H	S	6-Methyluracil	H	O-acyl
CH ₃	H	S	8-Methylguanine	H	O-acyl
CH ₃	H	S	6-Methylcytosine	H	O-acyl
CH ₃	H	S	8-Methyladenine	H	O-acyl
CH ₃	H	S	8-Methylhypoxanthine	H	O-acyl
CH ₃	H	S	5-Fluoro-6-Methyluracil	H	O-acyl
CH ₃	H	S	5-Fluoro-6-Methylcytosine	H	O-acyl
CH ₃	H	S	2-Fluoro-8-methyladenine	H	O-acyl
CH ₃	H	S	2-Fluoro-8-methylhypoxanthine	H	O-acyl
CH ₃	H	S	2-Amino-8-methyladenine	H	O-acyl
CH ₃	H	S	2-Amino-8-methylhypoxanthine	H	O-acyl
CH ₃	H	S	2-N-acetyl-8-methylguanine	H	O-acyl
CH ₃	H	S	4-N-acetyl-8-methylcytosine	H	O-acyl
CH ₃	H	S	6-N-acetyl-8-methyladenine	H	O-acyl
CH ₃	H	S	4-N-acetyl-5-fluoro-8-methylcytosine	H	O-acyl
CH ₃	H	S	6-N-acetyl-2-fluoro-8-methyladenine	H	O-acyl
CH ₃	H	S	6-N-acetyl-2-amino-8-methyladenine	H	O-acyl
CH ₃	H	S	2-N-acetylamino-8-methyladenine	H	O-acyl
CH ₃	H	S	2-N-acetylamino-8-methylhypoxanthine	H	O-acyl
CF ₃	O-acyl	S	6-Methylthymine	F	H
CF ₃	O-acyl	S	6-Methyluracil	F	H
CF ₃	O-acyl	S	8-Methylguanine	F	H
CF ₃	O-acyl	S	6-Methylcytosine	F	H
CF ₃	O-acyl	S	8-Methyladenine	F	H
CF ₃	O-acyl	S	8-Methylhypoxanthine	F	H
CF ₃	O-acyl	S	5-Fluoro-6-Methyluracil	F	H
CF ₃	O-acyl	S	5-Fluoro-6-Methylcytosine	F	H
CF ₃	O-acyl	S	2-Fluoro-8-methyladenine	F	H
CF ₃	O-acyl	S	2-Fluoro-8-methylhypoxanthine	F	H
CF ₃	O-acyl	S	2-Amino-8-methyladenine	F	H
CF ₃	O-acyl	S	2-Amino-8-methylhypoxanthine	F	H
CF ₃	O-acyl	S	2-N-acetyl-8-methylguanine	F	H
CF ₃	O-acyl	S	4-N-acetyl-8-methylcytosine	F	H
CF ₃	O-acyl	S	6-N-acetyl-8-methyladenine	F	H
CF ₃	O-acyl	S	4-N-acetyl-5-fluoro-8-methylcytosine	F	H
CF ₃	O-acyl	S	6-N-acetyl-2-fluoro-8-methyladenine	F	H
CF ₃	O-acyl	S	6-N-acetyl-2-amino-8-methyladenine	F	H
CF ₃	O-acyl	S	2-N-acetylamino-8-methyladenine	F	H
CF ₃	O-acyl	S	2-N-acetylamino-8-methylhypoxanthine	F	H
CF ₃	O-acyl	S	6-Methylthymine	F	O-amino acid
CF ₃	O-acyl	S	6-Methyluracil	F	O-amino acid
CF ₃	O-acyl	S	8-Methylguanine	F	O-amino acid
CF ₃	O-acyl	S	6-Methylcytosine	F	O-amino acid
CF ₃	O-acyl	S	8-Methyladenine	F	O-amino acid
CF ₃	O-acyl	S	8-Methylhypoxanthine	F	O-amino acid
CF ₃	O-acyl	S	5-Fluoro-6-Methyluracil	F	O-amino acid
CF ₃	O-acyl	S	5-Fluoro-6-Methylcytosine	F	O-amino acid
CF ₃	O-acyl	S	2-Fluoro-8-methyladenine	F	O-amino acid
CF ₃	O-acyl	S	2-Fluoro-8-methylhypoxanthine	F	O-amino acid
CF ₃	O-acyl	S	2-Amino-8-methyladenine	F	O-amino acid
CF ₃	O-acyl	S	2-Amino-8-methylhypoxanthine	F	O-amino acid
CF ₃	O-acyl	S	2-N-acetyl-8-methylguanine	F	O-amino acid
CF ₃	O-acyl	S	4-N-acetyl-8-methylcytosine	F	O-amino acid
CF ₃	O-acyl	S	6-N-acetyl-8-methyladenine	F	O-amino acid
CF ₃	O-acyl	S	4-N-acetyl-5-fluoro-8-methylcytosine	F	O-amino acid
CF ₃	O-acyl	S	6-N-acetyl-2-fluoro-8-methyladenine	F	O-amino acid
CF ₃	O-acyl	S	6-N-acetyl-2-amino-8-methyladenine	F	O-amino acid
CF ₃	O-acyl	S	2-N-acetylamino-8-methyladenine	F	O-amino acid
CF ₃	O-acyl	S	2-N-acetylamino-8-methylhypoxanthine	F	O-amino acid
CF ₃	O-acyl	S	6-Methylthymine	F	O-acyl
CF ₃	O-acyl	S	6-Methyluracil	F	O-acyl
CF ₃	O-acyl	S	8-Methylguanine	F	O-acyl
CF ₃	O-acyl	S	6-Methylcytosine	F	O-acyl
CF ₃	O-acyl	S	8-Methyladenine	F	O-acyl
CF ₃	O-acyl	S	8-Methylhypoxanthine	F	O-acyl
CF ₃	O-acyl	S	5-Fluoro-6-Methyluracil	F	O-acyl
CF ₃	O-acyl	S	5-Fluoro-6-Methylcytosine	F	O-acyl
CF ₃	O-acyl	S	2-Fluoro-8-methyladenine	F	O-acyl
CF ₃	O-acyl	S	2-Fluoro-8-methylhypoxanthine	F	O-acyl
CF ₃	O-acyl	S	2-Amino-8-methyladenine	F	O-acyl
CF ₃	O-acyl	S	2-Amino-8-methylhypoxanthine	F	O-acyl
CF ₃	O-acyl	S	2-N-acetyl-8-methylguanine	F	O-acyl
CF ₃	O-acyl	S	4-N-acetyl-8-methylcytosine	F	O-acyl
CF ₃	O-acyl	S	6-N-acetyl-8-methyladenine	F	O-acyl
CF ₃	O-acyl	S	4-N-acetyl-5-fluoro-8-methylcytosine	F	O-acyl
CF ₃	O-acyl	S	6-N-acetyl-2-fluoro-8-methyladenine	F	O-acyl

TABLE 12-continued

R ⁶	R ⁷	X	Base	R ¹⁰	R ⁹
CF ₃	O-acyl	S	6-N-acetyl-2-amino-8-methyladenine	F	O-acyl
CF ₃	O-acyl	S	2-N-acetyl-amino-8-methyladenine	F	O-acyl
CF ₃	O-acyl	S	2-N-acetyl-amino-8-methylhypoxanthine	F	O-acyl
CF ₃	O-acyl	S	6-Methylthymine	F	OH
CF ₃	O-acyl	S	6-Methyluracil	F	OH
CF ₃	O-acyl	S	8-Methylguanine	F	OH
CF ₃	O-acyl	S	6-Methylcytosine	F	OH
CF ₃	O-acyl	S	8-Methyladenine	F	OH
CF ₃	O-acyl	S	8-Methylhypoxanthine	F	OH
CF ₃	O-acyl	S	5-Fluoro-6-Methyluracil	F	OH
CF ₃	O-acyl	S	5-Fluoro-6-Methylcytosine	F	OH
CF ₃	O-acyl	S	2-Fluoro-8-methyladenine	F	OH
CF ₃	O-acyl	S	2-Fluoro-8-methylhypoxanthine	F	OH
CF ₃	O-acyl	S	2-Amino-8-methyladenine	F	OH
CF ₃	O-acyl	S	2-Amino-8-methylhypoxanthine	F	OH
CF ₃	O-acyl	S	2-N-acetyl-8-methylguanine	F	OH
CF ₃	O-acyl	S	4-N-acetyl-8-methylcytosine	F	OH
CF ₃	O-acyl	S	6-N-acetyl-8-methyladenine	F	OH
CF ₃	O-acyl	S	4-N-acetyl-5-fluoro-8-methylcytosine	F	OH
CF ₃	O-acyl	S	6-N-acetyl-2-fluoro-8-methyladenine	F	OH
CF ₃	O-acyl	S	6-N-acetyl-2-amino-8-methyladenine	F	OH
CF ₃	O-acyl	S	2-N-acetyl-amino-8-methyladenine	F	OH
CF ₃	O-acyl	S	2-N-acetyl-amino-8-methylhypoxanthine	F	OH
CF ₃	O-acyl	S	6-Methylthymine	Br	H
CF ₃	O-acyl	S	6-Methyluracil	Br	H
CF ₃	O-acyl	S	8-Methylguanine	Br	H
CF ₃	O-acyl	S	6-Methylcytosine	Br	H
CF ₃	O-acyl	S	8-Methyladenine	Br	H
CF ₃	O-acyl	S	8-Methylhypoxanthine	Br	H
CF ₃	O-acyl	S	5-Fluoro-6-Methyluracil	Br	H
CF ₃	O-acyl	S	5-Fluoro-6-Methylcytosine	Br	H
CF ₃	O-acyl	S	2-Fluoro-8-methyladenine	Br	H
CF ₃	O-acyl	S	2-Fluoro-8-methylhypoxanthine	Br	H
CF ₃	O-acyl	S	2-Amino-8-methyladenine	Br	H
CF ₃	O-acyl	S	2-Amino-8-methylhypoxanthine	Br	H
CF ₃	O-acyl	S	2-N-acetyl-8-methylguanine	Br	H
CF ₃	O-acyl	S	4-N-acetyl-8-methylcytosine	Br	H
CF ₃	O-acyl	S	6-N-acetyl-8-methyladenine	Br	H
CF ₃	O-acyl	S	4-N-acetyl-5-fluoro-8-methylcytosine	Br	H
CF ₃	O-acyl	S	6-N-acetyl-2-fluoro-8-methyladenine	Br	H
CF ₃	O-acyl	S	6-N-acetyl-2-amino-8-methyladenine	Br	H
CF ₃	O-acyl	S	2-N-acetyl-amino-8-methyladenine	Br	H
CF ₃	O-acyl	S	2-N-acetyl-amino-8-methylhypoxanthine	Br	H
CF ₃	O-acyl	S	6-Methylthymine	Br	O-amino acid
CF ₃	O-acyl	S	6-Methyluracil	Br	O-amino acid
CF ₃	O-acyl	S	8-Methylguanine	Br	O-amino acid
CF ₃	O-acyl	S	6-Methylcytosine	Br	O-amino acid
CF ₃	O-acyl	S	8-Methyladenine	Br	O-amino acid
CF ₃	O-acyl	S	8-Methylhypoxanthine	Br	O-amino acid
CF ₃	O-acyl	S	5-Fluoro-6-Methyluracil	Br	O-amino acid
CF ₃	O-acyl	S	5-Fluoro-6-Methylcytosine	Br	O-amino acid
CF ₃	O-acyl	S	2-Fluoro-8-methyladenine	Br	O-amino acid
CF ₃	O-acyl	S	2-Fluoro-8-methylhypoxanthine	Br	O-amino acid
CF ₃	O-acyl	S	2-Amino-8-methyladenine	Br	O-amino acid
CF ₃	O-acyl	S	2-Amino-8-methylhypoxanthine	Br	O-amino acid
CF ₃	O-acyl	S	2-N-acetyl-8-methylguanine	Br	O-amino acid
CF ₃	O-acyl	S	4-N-acetyl-8-methylcytosine	Br	O-amino acid
CF ₃	O-acyl	S	6-N-acetyl-8-methyladenine	Br	O-amino acid
CF ₃	O-acyl	S	4-N-acetyl-5-fluoro-8-methylcytosine	Br	O-amino acid
CF ₃	O-acyl	S	6-N-acetyl-2-fluoro-8-methyladenine	Br	O-amino acid
CF ₃	O-acyl	S	6-N-acetyl-2-amino-8-methyladenine	Br	O-amino acid
CF ₃	O-acyl	S	2-N-acetyl-amino-8-methyladenine	Br	O-amino acid
CF ₃	O-acyl	S	2-N-acetyl-amino-8-methylhypoxanthine	Br	O-amino acid
CF ₃	O-acyl	S	6-Methylthymine	Br	O-acyl
CF ₃	O-acyl	S	6-Methyluracil	Br	O-acyl
CF ₃	O-acyl	S	8-Methylguanine	Br	O-acyl
CF ₃	O-acyl	S	6-Methylcytosine	Br	O-acyl
CF ₃	O-acyl	S	8-Methyladenine	Br	O-acyl
CF ₃	O-acyl	S	8-Methylhypoxanthine	Br	O-acyl
CF ₃	O-acyl	S	5-Fluoro-6-Methyluracil	Br	O-acyl
CF ₃	O-acyl	S	5-Fluoro-6-Methylcytosine	Br	O-acyl
CF ₃	O-acyl	S	2-Fluoro-8-methyladenine	Br	O-acyl
CF ₃	O-acyl	S	2-Fluoro-8-methylhypoxanthine	Br	O-acyl
CF ₃	O-acyl	S	2-Amino-8-methyladenine	Br	O-acyl
CF ₃	O-acyl	S	2-Amino-8-methylhypoxanthine	Br	O-acyl
CF ₃	O-acyl	S	2-N-acetyl-8-methylguanine	Br	O-acyl
CF ₃	O-acyl	S	4-N-acetyl-8-methylcytosine	Br	O-acyl

TABLE 12-continued

R ⁶	R ⁷	X	Base	R ¹⁰	R ⁹
CF ₃	O-acyl	S	6-N-acetyl-8-methyladenine	Br	O-acyl
CF ₃	O-acyl	S	4-N-acetyl-5-fluoro-8-methylcytosine	Br	O-acyl
CF ₃	O-acyl	S	6-N-acetyl-2-fluoro-8-methyladenine	Br	O-acyl
CF ₃	O-acyl	S	6-N-acetyl-2-amino-8-methyladenine	Br	O-acyl
CF ₃	O-acyl	S	2-N-acetylamino-8-methyladenine	Br	O-acyl
CF ₃	O-acyl	S	2-N-acetylamino-8-methylhypoxanthine	Br	O-acyl
CF ₃	O-acyl	S	6-Methylthymine	Br	OH
CF ₃	O-acyl	S	6-Methyluracil	Br	OH
CF ₃	O-acyl	S	8-Methylguanine	Br	OH
CF ₃	O-acyl	S	6-Methylcytosine	Br	OH
CF ₃	O-acyl	S	8-Methyladenine	Br	OH
CF ₃	O-acyl	S	8-Methylhypoxanthine	Br	OH
CF ₃	O-acyl	S	5-Fluoro-6-Methyluracil	Br	OH
CF ₃	O-acyl	S	5-Fluoro-6-Methylcytosine	Br	OH
CF ₃	O-acyl	S	2-Fluoro-8-methyladenine	Br	OH
CF ₃	O-acyl	S	2-Fluoro-8-methylhypoxanthine	Br	OH
CF ₃	O-acyl	S	2-Amino-8-methyladenine	Br	OH
CF ₃	O-acyl	S	2-Amino-8-methylhypoxanthine	Br	OH
CF ₃	O-acyl	S	2-N-acetyl-8-methylguanine	Br	OH
CF ₃	O-acyl	S	4-N-acetyl-8-methylcytosine	Br	OH
CF ₃	O-acyl	S	6-N-acetyl-8-methyladenine	Br	OH
CF ₃	O-acyl	S	4-N-acetyl-5-fluoro-8-methylcytosine	Br	OH
CF ₃	O-acyl	S	6-N-acetyl-2-fluoro-8-methyladenine	Br	OH
CF ₃	O-acyl	S	6-N-acetyl-2-amino-8-methyladenine	Br	OH
CF ₃	O-acyl	S	2-N-acetylamino-8-methyladenine	Br	OH
CF ₃	O-acyl	S	2-N-acetylamino-8-methylhypoxanthine	Br	OH
CF ₃	O-acyl	S	6-Methylthymine	Cl	O-acyl
CF ₃	O-acyl	S	6-Methyluracil	Cl	O-acyl
CF ₃	O-acyl	S	8-Methylguanine	Cl	O-acyl
CF ₃	O-acyl	S	6-Methylcytosine	Cl	O-acyl
CF ₃	O-acyl	S	8-Methyladenine	Cl	O-acyl
CF ₃	O-acyl	S	8-Methylhypoxanthine	Cl	O-acyl
CF ₃	O-acyl	S	5-Fluoro-6-Methyluracil	Cl	O-acyl
CF ₃	O-acyl	S	5-Fluoro-6-Methylcytosine	Cl	O-acyl
CF ₃	O-acyl	S	2-Fluoro-8-methyladenine	Cl	O-acyl
CF ₃	O-acyl	S	2-Fluoro-8-methylhypoxanthine	Cl	O-acyl
CF ₃	O-acyl	S	2-Amino-8-methyladenine	Cl	O-acyl
CF ₃	O-acyl	S	2-Amino-8-methylhypoxanthine	Cl	O-acyl
CF ₃	O-acyl	S	2-N-acetyl-8-methylguanine	Cl	O-acyl
CF ₃	O-acyl	S	4-N-acetyl-8-methylcytosine	Cl	O-acyl
CF ₃	O-acyl	S	6-N-acetyl-8-methyladenine	Cl	O-acyl
CF ₃	O-acyl	S	4-N-acetyl-5-fluoro-8-methylcytosine	Cl	O-acyl
CF ₃	O-acyl	S	6-N-acetyl-2-fluoro-8-methyladenine	Cl	O-acyl
CF ₃	O-acyl	S	6-N-acetyl-2-amino-8-methyladenine	Cl	O-acyl
CF ₃	O-acyl	S	2-N-acetylamino-8-methyladenine	Cl	O-acyl
CF ₃	O-acyl	S	2-N-acetylamino-8-methylhypoxanthine	Cl	O-acyl
CF ₃	O-acyl	S	6-Methylthymine	Cl	OH
CF ₃	O-acyl	S	6-Methyluracil	Cl	OH
CF ₃	O-acyl	S	8-Methylguanine	Cl	OH
CF ₃	O-acyl	S	6-Methylcytosine	Cl	OH
CF ₃	O-acyl	S	8-Methyladenine	Cl	OH
CF ₃	O-acyl	S	8-Methylhypoxanthine	Cl	OH
CF ₃	O-acyl	S	5-Fluoro-6-Methyluracil	Cl	OH
CF ₃	O-acyl	S	5-Fluoro-6-Methylcytosine	Cl	OH
CF ₃	O-acyl	S	2-Fluoro-8-methyladenine	Cl	OH
CF ₃	O-acyl	S	2-Fluoro-8-methylhypoxanthine	Cl	OH
CF ₃	O-acyl	S	2-Amino-8-methyladenine	Cl	OH
CF ₃	O-acyl	S	2-Amino-8-methylhypoxanthine	Cl	OH
CF ₃	O-acyl	S	2-N-acetyl-8-methylguanine	Cl	OH
CF ₃	O-acyl	S	4-N-acetyl-8-methylcytosine	Cl	OH
CF ₃	O-acyl	S	6-N-acetyl-8-methyladenine	Cl	OH
CF ₃	O-acyl	S	4-N-acetyl-5-fluoro-8-methylcytosine	Cl	OH
CF ₃	O-acyl	S	6-N-acetyl-2-fluoro-8-methyladenine	Cl	OH
CF ₃	O-acyl	S	6-N-acetyl-2-amino-8-methyladenine	Cl	OH
CF ₃	O-acyl	S	2-N-acetylamino-8-methyladenine	Cl	OH
CF ₃	O-acyl	S	2-N-acetylamino-8-methylhypoxanthine	Cl	OH
CF ₃	O-acyl	S	6-Methylthymine	Cl	H
CF ₃	O-acyl	S	6-Methyluracil	Cl	H
CF ₃	O-acyl	S	8-Methylguanine	Cl	H
CF ₃	O-acyl	S	6-Methylcytosine	Cl	H
CF ₃	O-acyl	S	8-Methyladenine	Cl	H
CF ₃	O-acyl	S	8-Methylhypoxanthine	Cl	H
CF ₃	O-acyl	S	5-Fluoro-6-Methyluracil	Cl	H
CF ₃	O-acyl	S	5-Fluoro-6-Methylcytosine	Cl	H
CF ₃	O-acyl	S	2-Fluoro-8-methyladenine	Cl	H
CF ₃	O-acyl	S	2-Fluoro-8-methylhypoxanthine	Cl	H
CF ₃	O-acyl	S	2-Amino-8-methyladenine	Cl	H

TABLE 12-continued

R ⁶	R ⁷	X	Base	R ¹⁰	R ⁹
CF ₃	O-acyl	S	2-Amino-8-methylhypoxanthine	Cl	H
CF ₃	O-acyl	S	2-N-acetyl-8-methylguanine	Cl	H
CF ₃	O-acyl	S	4-N-acetyl-8-methylcytosine	Cl	O-amino acid
CF ₃	O-acyl	S	6-N-acetyl-8-methyladenine	Cl	O-amino acid
CF ₃	O-acyl	S	4-N-acetyl-5-fluoro-8-methylcytosine	Cl	O-amino acid
CF ₃	O-acyl	S	6-N-acetyl-2-fluoro-8-methyladenine	Cl	O-amino acid
CF ₃	O-acyl	S	6-N-acetyl-2-amino-8-methyladenine	Cl	O-amino acid
CF ₃	O-acyl	S	2-N-acetyl-8-methyladenine	Cl	O-amino acid
CF ₃	O-acyl	S	2-N-acetyl-8-methylhypoxanthine	Cl	O-amino acid
CF ₃	O-acyl	S	5-Fluoro-6-Methylcytosine	Cl	O-amino acid
CF ₃	O-acyl	S	2-Fluoro-8-methyladenine	Cl	O-amino acid
CF ₃	O-acyl	S	2-Fluoro-8-methylhypoxanthine	Cl	O-amino acid
CF ₃	O-acyl	S	2-Amino-8-methyladenine	Cl	O-amino acid
CF ₃	O-acyl	S	2-Amino-8-methylhypoxanthine	Cl	O-amino acid
CF ₃	O-acyl	S	2-N-acetyl-8-methylguanine	Cl	O-amino acid
CF ₃	O-acyl	S	4-N-acetyl-8-methylcytosine	Cl	O-amino acid
CF ₃	O-acyl	S	6-N-acetyl-8-methyladenine	Cl	O-amino acid
CF ₃	O-acyl	S	4-N-acetyl-5-fluoro-8-methylcytosine	Cl	O-amino acid
CF ₃	O-acyl	S	6-N-acetyl-2-fluoro-8-methyladenine	Cl	O-amino acid
CF ₃	O-acyl	S	6-N-acetyl-2-amino-8-methyladenine	Cl	O-amino acid
CF ₃	O-acyl	S	2-N-acetyl-8-methyladenine	Cl	O-amino acid
CF ₃	O-acyl	S	2-N-acetyl-8-methylhypoxanthine	Cl	O-amino acid
CF ₃	O-acyl	S	6-Methylthymine	H	H
CF ₃	O-acyl	S	6-Methyluracil	H	H
CF ₃	O-acyl	S	8-Methylguanine	H	H
CF ₃	O-acyl	S	6-Methylcytosine	H	H
CF ₃	O-acyl	S	8-Methyladenine	H	H
CF ₃	O-acyl	S	8-Methylhypoxanthine	H	H
CF ₃	O-acyl	S	5-Fluoro-6-Methyluracil	H	H
CF ₃	O-acyl	S	5-Fluoro-6-Methylcytosine	H	H
CF ₃	O-acyl	S	2-Fluoro-8-methyladenine	H	H
CF ₃	O-acyl	S	2-Fluoro-8-methylhypoxanthine	H	H
CF ₃	O-acyl	S	2-Amino-8-methyladenine	H	H
CF ₃	O-acyl	S	2-Amino-8-methylhypoxanthine	H	H
CF ₃	O-acyl	S	2-N-acetyl-8-methylguanine	H	H
CF ₃	O-acyl	S	4-N-acetyl-8-methylcytosine	H	H
CF ₃	O-acyl	S	6-N-acetyl-8-methyladenine	H	H
CF ₃	O-acyl	S	4-N-acetyl-5-fluoro-8-methylcytosine	H	H
CF ₃	O-acyl	S	6-N-acetyl-2-fluoro-8-methyladenine	H	H
CF ₃	O-acyl	S	6-N-acetyl-2-amino-8-methyladenine	H	H
CF ₃	O-acyl	S	2-N-acetyl-8-methyladenine	H	H
CF ₃	O-acyl	S	2-N-acetyl-8-methylhypoxanthine	H	H
CF ₃	O-acyl	S	6-Methylthymine	H	O-amino acid
CF ₃	O-acyl	S	6-Methyluracil	H	O-amino acid
CF ₃	O-acyl	S	8-Methylguanine	H	O-amino acid
CF ₃	O-acyl	S	6-Methylcytosine	H	O-amino acid
CF ₃	O-acyl	S	8-Methyladenine	H	O-amino acid
CF ₃	O-acyl	S	8-Methylhypoxanthine	H	O-amino acid
CF ₃	O-acyl	S	5-Fluoro-6-Methyluracil	H	O-amino acid
CF ₃	O-acyl	S	5-Fluoro-6-Methylcytosine	H	O-amino acid
CF ₃	O-acyl	S	2-Fluoro-8-methyladenine	H	O-amino acid
CF ₃	O-acyl	S	2-Fluoro-8-methylhypoxanthine	H	O-amino acid
CF ₃	O-acyl	S	2-Amino-8-methyladenine	H	O-amino acid
CF ₃	O-acyl	S	2-Amino-8-methylhypoxanthine	H	O-amino acid
CF ₃	O-acyl	S	2-N-acetyl-8-methylguanine	H	O-amino acid
CF ₃	O-acyl	S	4-N-acetyl-8-methylcytosine	H	O-amino acid
CF ₃	O-acyl	S	6-N-acetyl-8-methyladenine	H	O-amino acid
CF ₃	O-acyl	S	4-N-acetyl-5-fluoro-8-methylcytosine	H	O-amino acid
CF ₃	O-acyl	S	6-N-acetyl-2-fluoro-8-methyladenine	H	O-amino acid
CF ₃	O-acyl	S	6-N-acetyl-2-amino-8-methyladenine	H	O-amino acid
CF ₃	O-acyl	S	2-N-acetyl-8-methyladenine	H	O-amino acid
CF ₃	O-acyl	S	2-N-acetyl-8-methylhypoxanthine	H	O-amino acid
CF ₃	O-acyl	S	6-Methylthymine	H	O-acyl
CF ₃	O-acyl	S	6-Methyluracil	H	O-acyl
CF ₃	O-acyl	S	8-Methylguanine	H	O-acyl
CF ₃	O-acyl	S	6-Methylcytosine	H	O-acyl
CF ₃	O-acyl	S	8-Methyladenine	H	O-acyl
CF ₃	O-acyl	S	8-Methylhypoxanthine	H	O-acyl
CF ₃	O-acyl	S	5-Fluoro-6-Methyluracil	H	O-acyl
CF ₃	O-acyl	S	5-Fluoro-6-Methylcytosine	H	O-acyl
CF ₃	O-acyl	S	2-Fluoro-8-methyladenine	H	O-acyl
CF ₃	O-acyl	S	2-Fluoro-8-methylhypoxanthine	H	O-acyl
CF ₃	O-acyl	S	2-Amino-8-methyladenine	H	O-acyl
CF ₃	O-acyl	S	2-Amino-8-methylhypoxanthine	H	O-acyl
CF ₃	O-acyl	S	2-N-acetyl-8-methylguanine	H	O-acyl
CF ₃	O-acyl	S	4-N-acetyl-8-methylcytosine	H	O-acyl
CF ₃	O-acyl	S	6-N-acetyl-8-methyladenine	H	O-acyl

TABLE 12-continued

R ⁶	R ⁷	X	Base	R ¹⁰	R ⁹
CF ₃	O-acyl	S	4-N-acetyl-5-fluoro-8-methylcytosine	H	O-acyl
CF ₃	O-acyl	S	6-N-acetyl-2-fluoro-8-methyladenine	H	O-acyl
CF ₃	O-acyl	S	6-N-acetyl-2-amino-8-methyladenine	H	O-acyl
CF ₃	O-acyl	S	2-N-acetylamino-8-methyladenine	H	O-acyl
CF ₃	O-acyl	S	2-N-acetylamino-8-methylhypoxanthine	H	O-acyl
CF ₃	O-acyl	S	6-Methylthymine	H	OH
CF ₃	O-acyl	S	6-Methyluracil	H	OH
CF ₃	O-acyl	S	8-Methylguanine	H	OH
CF ₃	O-acyl	S	6-Methylcytosine	H	OH
CF ₃	O-acyl	S	8-Methyladenine	H	OH
CF ₃	O-acyl	S	8-Methylhypoxanthine	H	OH
CF ₃	O-acyl	S	5-Fluoro-6-Methyluracil	H	OH
CF ₃	O-acyl	S	5-Fluoro-6-Methylcytosine	H	OH
CF ₃	O-acyl	S	2-Fluoro-8-methyladenine	H	OH
CF ₃	O-acyl	S	2-Fluoro-8-methylhypoxanthine	H	OH
CF ₃	O-acyl	S	2-Amino-8-methyladenine	H	OH
CF ₃	O-acyl	S	2-Amino-8-methylhypoxanthine	H	OH
CF ₃	O-acyl	S	2-N-acetyl-8-methylguanine	H	OH
CF ₃	O-acyl	S	4-N-acetyl-8-methylcytosine	H	OH
CF ₃	O-acyl	S	6-N-acetyl-8-methyladenine	H	OH
CF ₃	O-acyl	S	4-N-acetyl-5-fluoro-8-methylcytosine	H	OH
CF ₃	O-acyl	S	6-N-acetyl-2-fluoro-8-methyladenine	H	OH
CF ₃	O-acyl	S	6-N-acetyl-2-amino-8-methyladenine	H	OH
CF ₃	O-acyl	S	2-N-acetylamino-8-methyladenine	H	OH
CF ₃	O-acyl	S	2-N-acetylamino-8-methylhypoxanthine	H	OH
CF ₃	O-acyl	S	6-Methylthymine	OH	H
CF ₃	O-acyl	S	6-Methyluracil	OH	H
CF ₃	O-acyl	S	8-Methylguanine	OH	H
CF ₃	O-acyl	S	6-Methylcytosine	OH	H
CF ₃	O-acyl	S	8-Methyladenine	OH	H
CF ₃	O-acyl	S	8-Methylhypoxanthine	OH	H
CF ₃	O-acyl	S	5-Fluoro-6-Methyluracil	OH	H
CF ₃	O-acyl	S	5-Fluoro-6-Methylcytosine	OH	H
CF ₃	O-acyl	S	2-Fluoro-8-methyladenine	OH	H
CF ₃	O-acyl	S	2-Fluoro-8-methylhypoxanthine	OH	H
CF ₃	O-acyl	S	2-Amino-8-methyladenine	OH	H
CF ₃	O-acyl	S	2-Amino-8-methylhypoxanthine	OH	H
CF ₃	O-acyl	S	2-N-acetyl-8-methylguanine	OH	H
CF ₃	O-acyl	S	4-N-acetyl-8-methylcytosine	OH	H
CF ₃	O-acyl	S	6-N-acetyl-8-methyladenine	OH	H
CF ₃	O-acyl	S	4-N-acetyl-5-fluoro-8-methylcytosine	OH	H
CF ₃	O-acyl	S	6-N-acetyl-2-fluoro-8-methyladenine	OH	H
CF ₃	O-acyl	S	6-N-acetyl-2-amino-8-methyladenine	OH	H
CF ₃	O-acyl	S	2-N-acetylamino-8-methyladenine	OH	H
CF ₃	O-acyl	S	2-N-acetylamino-8-methylhypoxanthine	OH	H
CF ₃	O-amino acid	S	6-Methylthymine	F	H
CF ₃	O-amino acid	S	6-Methyluracil	F	H
CF ₃	O-amino acid	S	8-Methylguanine	F	H
CF ₃	O-amino acid	S	6-Methylcytosine	F	H
CF ₃	O-amino acid	S	8-Methyladenine	F	H
CF ₃	O-amino acid	S	8-Methylhypoxanthine	F	H
CF ₃	O-amino acid	S	5-Fluoro-6-Methyluracil	F	H
CF ₃	O-amino acid	S	5-Fluoro-6-Methylcytosine	F	H
CF ₃	O-amino acid	S	2-Fluoro-8-methyladenine	F	H
CF ₃	O-amino acid	S	2-Fluoro-8-methylhypoxanthine	F	H
CF ₃	O-amino acid	S	2-Amino-8-methyladenine	F	H
CF ₃	O-amino acid	S	2-Amino-8-methylhypoxanthine	F	H
CF ₃	O-amino acid	S	2-N-acetyl-8-methylguanine	F	H
CF ₃	O-amino acid	S	4-N-acetyl-8-methylcytosine	F	H
CF ₃	O-amino acid	S	6-N-acetyl-8-methyladenine	F	H
CF ₃	O-amino acid	S	4-N-acetyl-5-fluoro-8-methylcytosine	F	H
CF ₃	O-amino acid	S	6-N-acetyl-2-fluoro-8-methyladenine	F	H
CF ₃	O-amino acid	S	6-N-acetyl-2-amino-8-methyladenine	F	H
CF ₃	O-amino acid	S	2-N-acetylamino-8-methyladenine	F	H
CF ₃	O-amino acid	S	2-N-acetylamino-8-methylhypoxanthine	F	H
CF ₃	O-amino acid	S	6-Methylthymine	F	O-amino acid
CF ₃	O-amino acid	S	6-Methyluracil	F	O-amino acid
CF ₃	O-amino acid	S	8-Methylguanine	F	O-amino acid
CF ₃	O-amino acid	S	6-Methylcytosine	F	O-amino acid
CF ₃	O-amino acid	S	8-Methyladenine	F	O-amino acid
CF ₃	O-amino acid	S	8-Methylhypoxanthine	F	O-amino acid
CF ₃	O-amino acid	S	5-Fluoro-6-Methyluracil	F	O-amino acid
CF ₃	O-amino acid	S	5-Fluoro-6-Methylcytosine	F	O-amino acid
CF ₃	O-amino acid	S	2-Fluoro-8-methyladenine	F	O-amino acid
CF ₃	O-amino acid	S	2-Fluoro-8-methylhypoxanthine	F	O-amino acid
CF ₃	O-amino acid	S	2-Amino-8-methyladenine	F	O-amino acid
CF ₃	O-amino acid	S	2-Amino-8-methylhypoxanthine	F	O-amino acid

TABLE 12-continued

R ⁶	R ⁷	X	Base	R ¹⁰	R ⁹
CF ₃	O-amino acid	S	2-N-acetyl-8-methylguanine	F	O-amino acid
CF ₃	O-amino acid	S	4-N-acetyl-8-methylcytosine	F	O-amino acid
CF ₃	O-amino acid	S	6-N-acetyl-8-methyladenine	F	O-amino acid
CF ₃	O-amino acid	S	4-N-acetyl-5-fluoro-8-methylcytosine	F	O-amino acid
CF ₃	O-amino acid	S	6-N-acetyl-2-fluoro-8-methyladenine	F	O-amino acid
CF ₃	O-amino acid	S	6-N-acetyl-2-amino-8-methyladenine	F	O-amino acid
CF ₃	O-amino acid	S	2-N-acetyl-amino-8-methyladenine	F	O-amino acid
CF ₃	O-amino acid	S	2-N-acetyl-amino-8-methylhypoxanthine	F	O-amino acid
CF ₃	O-amino acid	S	6-Methylthymine	F	O-acyl
CF ₃	O-amino acid	S	6-Methyluracil	F	O-acyl
CF ₃	O-amino acid	S	8-Methylguanine	F	O-acyl
CF ₃	O-amino acid	S	6-Methylcytosine	F	O-acyl
CF ₃	O-amino acid	S	8-Methyladenine	F	O-acyl
CF ₃	O-amino acid	S	8-Methylhypoxanthine	F	O-acyl
CF ₃	O-amino acid	S	5-Fluoro-6-Methyluracil	F	O-acyl
CF ₃	O-amino acid	S	5-Fluoro-6-Methylcytosine	F	O-acyl
CF ₃	O-amino acid	S	2-Fluoro-8-methyladenine	F	O-acyl
CF ₃	O-amino acid	S	2-Fluoro-8-methylhypoxanthine	F	O-acyl
CF ₃	O-amino acid	S	2-Amino-8-methyladenine	F	O-acyl
CF ₃	O-amino acid	S	2-Amino-8-methylhypoxanthine	F	O-acyl
CF ₃	O-amino acid	S	2-N-acetyl-8-methylguanine	F	O-acyl
CF ₃	O-amino acid	S	4-N-acetyl-8-methylcytosine	F	O-acyl
CF ₃	O-amino acid	S	6-N-acetyl-8-methyladenine	F	O-acyl
CF ₃	O-amino acid	S	4-N-acetyl-5-fluoro-8-methylcytosine	F	O-acyl
CF ₃	O-amino acid	S	6-N-acetyl-2-fluoro-8-methyladenine	F	O-acyl
CF ₃	O-amino acid	S	6-N-acetyl-2-amino-8-methyladenine	F	O-acyl
CF ₃	O-amino acid	S	2-N-acetyl-amino-8-methyladenine	F	O-acyl
CF ₃	O-amino acid	S	2-N-acetyl-amino-8-methylhypoxanthine	F	O-acyl
CF ₃	O-amino acid	S	6-Methylthymine	F	OH
CF ₃	O-amino acid	S	6-Methyluracil	F	OH
CF ₃	O-amino acid	S	8-Methylguanine	F	OH
CF ₃	O-amino acid	S	6-Methylcytosine	F	OH
CF ₃	O-amino acid	S	8-Methyladenine	F	OH
CF ₃	O-amino acid	S	8-Methylhypoxanthine	F	OH
CF ₃	O-amino acid	S	5-Fluoro-6-Methyluracil	F	OH
CF ₃	O-amino acid	S	5-Fluoro-6-Methylcytosine	F	OH
CF ₃	O-amino acid	S	2-Fluoro-8-methyladenine	F	OH
CF ₃	O-amino acid	S	2-Fluoro-8-methylhypoxanthine	F	OH
CF ₃	O-amino acid	S	2-Amino-8-methyladenine	F	OH
CF ₃	O-amino acid	S	2-Amino-8-methylhypoxanthine	F	OH
CF ₃	O-amino acid	S	2-N-acetyl-8-methylguanine	F	OH
CF ₃	O-amino acid	S	4-N-acetyl-8-methylcytosine	F	OH
CF ₃	O-amino acid	S	6-N-acetyl-8-methyladenine	F	OH
CF ₃	O-amino acid	S	4-N-acetyl-5-fluoro-8-methylcytosine	F	OH
CF ₃	O-amino acid	S	6-N-acetyl-2-fluoro-8-methyladenine	F	OH
CF ₃	O-amino acid	S	6-N-acetyl-2-amino-8-methyladenine	F	OH
CF ₃	O-amino acid	S	2-N-acetyl-amino-8-methyladenine	F	OH
CF ₃	O-amino acid	S	2-N-acetyl-amino-8-methylhypoxanthine	F	OH
CF ₃	O-amino acid	S	6-Methylthymine	Br	H
CF ₃	O-amino acid	S	6-Methyluracil	Br	H
CF ₃	O-amino acid	S	8-Methylguanine	Br	H
CF ₃	O-amino acid	S	6-Methylcytosine	Br	H
CF ₃	O-amino acid	S	8-Methyladenine	Br	H
CF ₃	O-amino acid	S	8-Methylhypoxanthine	Br	H
CF ₃	O-amino acid	S	5-Fluoro-6-Methyluracil	Br	H
CF ₃	O-amino acid	S	5-Fluoro-6-Methylcytosine	Br	H
CF ₃	O-amino acid	S	2-Fluoro-8-methyladenine	Br	H
CF ₃	O-amino acid	S	2-Fluoro-8-methylhypoxanthine	Br	H
CF ₃	O-amino acid	S	2-Amino-8-methyladenine	Br	H
CF ₃	O-amino acid	S	2-Amino-8-methylhypoxanthine	Br	H
CF ₃	O-amino acid	S	2-N-acetyl-8-methylguanine	Br	H
CF ₃	O-amino acid	S	4-N-acetyl-8-methylcytosine	Br	H
CF ₃	O-amino acid	S	6-N-acetyl-8-methyladenine	Br	H
CF ₃	O-amino acid	S	4-N-acetyl-5-fluoro-8-methylcytosine	Br	H
CF ₃	O-amino acid	S	6-N-acetyl-2-fluoro-8-methyladenine	Br	H
CF ₃	O-amino acid	S	6-N-acetyl-2-amino-8-methyladenine	Br	H
CF ₃	O-amino acid	S	2-N-acetyl-amino-8-methyladenine	Br	H
CF ₃	O-amino acid	S	2-N-acetyl-amino-8-methylhypoxanthine	Br	H
CF ₃	O-amino acid	S	6-Methylthymine	Br	O-amino acid
CF ₃	O-amino acid	S	6-Methyluracil	Br	O-amino acid
CF ₃	O-amino acid	S	8-Methylguanine	Br	O-amino acid
CF ₃	O-amino acid	S	6-Methylcytosine	Br	O-amino acid
CF ₃	O-amino acid	S	8-Methyladenine	Br	O-amino acid
CF ₃	O-amino acid	S	8-Methylhypoxanthine	Br	O-amino acid
CF ₃	O-amino acid	S	5-Fluoro-6-Methyluracil	Br	O-amino acid
CF ₃	O-amino acid	S	5-Fluoro-6-Methylcytosine	Br	O-amino acid
CF ₃	O-amino acid	S	2-Fluoro-8-methyladenine	Br	O-amino acid

TABLE 12-continued

R ⁶	R ⁷	X	Base	R ¹⁰	R ⁹
CF ₃	O-amino acid	S	2-Fluoro-8-methylhypoxanthine	Br	O-amino acid
CF ₃	O-amino acid	S	2-Amino-8-methyladenine	Br	O-amino acid
CF ₃	O-amino acid	S	2-Amino-8-methylhypoxanthine	Br	O-amino acid
CF ₃	O-amino acid	S	2-N-acetyl-8-methylguanine	Br	O-amino acid
CF ₃	O-amino acid	S	4-N-acetyl-8-methylcytosine	Br	O-amino acid
CF ₃	O-amino acid	S	6-N-acetyl-8-methyladenine	Br	O-amino acid
CF ₃	O-amino acid	S	4-N-acetyl-5-fluoro-8-methylcytosine	Br	O-amino acid
CF ₃	O-amino acid	S	6-N-acetyl-2-fluoro-8-methyladenine	Br	O-amino acid
CF ₃	O-amino acid	S	6-N-acetyl-2-amino-8-methyladenine	Br	O-amino acid
CF ₃	O-amino acid	S	2-N-acetylamino-8-methyladenine	Br	O-amino acid
CF ₃	O-amino acid	S	2-N-acetylamino-8-methylhypoxanthine	Br	O-amino acid
CF ₃	O-amino acid	S	6-Methylthymine	Br	O-acyl
CF ₃	O-amino acid	S	6-Methyluracil	Br	O-acyl
CF ₃	O-amino acid	S	8-Methylguanine	Br	O-acyl
CF ₃	O-amino acid	S	6-Methylcytosine	Br	O-acyl
CF ₃	O-amino acid	S	8-Methyladenine	Br	O-acyl
CF ₃	O-amino acid	S	8-Methylhypoxanthine	Br	O-acyl
CF ₃	O-amino acid	S	5-Fluoro-6-Methyluracil	Br	O-acyl
CF ₃	O-amino acid	S	5-Fluoro-6-Methylcytosine	Br	O-acyl
CF ₃	O-amino acid	S	2-Fluoro-8-methyladenine	Br	O-acyl
CF ₃	O-amino acid	S	2-Fluoro-8-methylhypoxanthine	Br	O-acyl
CF ₃	O-amino acid	S	2-Amino-8-methyladenine	Br	O-acyl
CF ₃	O-amino acid	S	2-Amino-8-methylhypoxanthine	Br	O-acyl
CF ₃	O-amino acid	S	2-N-acetyl-8-methylguanine	Br	O-acyl
CF ₃	O-amino acid	S	4-N-acetyl-8-methylcytosine	Br	O-acyl
CF ₃	O-amino acid	S	6-N-acetyl-8-methyladenine	Br	O-acyl
CF ₃	O-amino acid	S	4-N-acetyl-5-fluoro-8-methylcytosine	Br	O-acyl
CF ₃	O-amino acid	S	6-N-acetyl-2-fluoro-8-methyladenine	Br	O-acyl
CF ₃	O-amino acid	S	6-N-acetyl-2-amino-8-methyladenine	Br	O-acyl
CF ₃	O-amino acid	S	2-N-acetylamino-8-methyladenine	Br	O-acyl
CF ₃	O-amino acid	S	2-N-acetylamino-8-methylhypoxanthine	Br	O-acyl
CF ₃	O-amino acid	S	6-Methylthymine	Br	OH
CF ₃	O-amino acid	S	6-Methyluracil	Br	OH
CF ₃	O-amino acid	S	8-Methylguanine	Br	OH
CF ₃	O-amino acid	S	6-Methylcytosine	Br	OH
CF ₃	O-amino acid	S	8-Methyladenine	Br	OH
CF ₃	O-amino acid	S	8-Methylhypoxanthine	Br	OH
CF ₃	O-amino acid	S	5-Fluoro-6-Methyluracil	Br	OH
CF ₃	O-amino acid	S	5-Fluoro-6-Methylcytosine	Br	OH
CF ₃	O-amino acid	S	2-Fluoro-8-methyladenine	Br	OH
CF ₃	O-amino acid	S	2-Fluoro-8-methylhypoxanthine	Br	OH
CF ₃	O-amino acid	S	2-Amino-8-methyladenine	Br	OH
CF ₃	O-amino acid	S	2-Amino-8-methylhypoxanthine	Br	OH
CF ₃	O-amino acid	S	2-N-acetyl-8-methylguanine	Br	OH
CF ₃	O-amino acid	S	4-N-acetyl-8-methylcytosine	Br	OH
CF ₃	O-amino acid	S	6-N-acetyl-8-methyladenine	Br	OH
CF ₃	O-amino acid	S	4-N-acetyl-5-fluoro-8-methylcytosine	Br	OH
CF ₃	O-amino acid	S	6-N-acetyl-2-fluoro-8-methyladenine	Br	OH
CF ₃	O-amino acid	S	6-N-acetyl-2-amino-8-methyladenine	Br	OH
CF ₃	O-amino acid	S	2-N-acetylamino-8-methyladenine	Br	OH
CF ₃	O-amino acid	S	2-N-acetylamino-8-methylhypoxanthine	Br	OH
CF ₃	O-amino acid	S	6-Methylthymine	Cl	H
CF ₃	O-amino acid	S	6-Methyluracil	Cl	H
CF ₃	O-amino acid	S	8-Methylguanine	Cl	H
CF ₃	O-amino acid	S	6-Methylcytosine	Cl	H
CF ₃	O-amino acid	S	8-Methyladenine	Cl	H
CF ₃	O-amino acid	S	8-Methylhypoxanthine	Cl	H
CF ₃	O-amino acid	S	5-Fluoro-6-Methyluracil	Cl	H
CF ₃	O-amino acid	S	5-Fluoro-6-Methylcytosine	Cl	H
CF ₃	O-amino acid	S	2-Fluoro-8-methyladenine	Cl	H
CF ₃	O-amino acid	S	2-Fluoro-8-methylhypoxanthine	Cl	H
CF ₃	O-amino acid	S	2-Amino-8-methyladenine	Cl	H
CF ₃	O-amino acid	S	2-Amino-8-methylhypoxanthine	Cl	H
CF ₃	O-amino acid	S	2-N-acetyl-8-methylguanine	Cl	H
CF ₃	O-amino acid	S	4-N-acetyl-8-methylcytosine	Cl	H
CF ₃	O-amino acid	S	6-N-acetyl-8-methyladenine	Cl	H
CF ₃	O-amino acid	S	4-N-acetyl-5-fluoro-8-methylcytosine	Cl	H
CF ₃	O-amino acid	S	6-N-acetyl-2-fluoro-8-methyladenine	Cl	H
CF ₃	O-amino acid	S	6-N-acetyl-2-amino-8-methyladenine	Cl	H
CF ₃	O-amino acid	S	2-N-acetylamino-8-methyladenine	Cl	H
CF ₃	O-amino acid	S	2-N-acetylamino-8-methylhypoxanthine	Cl	H
CF ₃	O-amino acid	S	6-Methylthymine	Cl	O-amino acid
CF ₃	O-amino acid	S	6-Methyluracil	Cl	O-amino acid
CF ₃	O-amino acid	S	8-Methylguanine	Cl	O-amino acid
CF ₃	O-amino acid	S	6-Methylcytosine	Cl	O-amino acid
CF ₃	O-amino acid	S	8-Methyladenine	Cl	O-amino acid
CF ₃	O-amino acid	S	8-Methylhypoxanthine	Cl	O-amino acid

TABLE 12-continued

R ⁶	R ⁷	X	Base	R ¹⁰	R ⁹
CF ₃	O-amino acid	S	5-Fluoro-6-Methyluracil	Cl	O-amino acid
CF ₃	O-amino acid	S	5-Fluoro-6-Methylcytosine	Cl	O-amino acid
CF ₃	O-amino acid	S	2-Fluoro-8-methyladenine	Cl	O-amino acid
CF ₃	O-amino acid	S	2-Fluoro-8-methylhypoxanthine	Cl	O-amino acid
CF ₃	O-amino acid	S	2-Amino-8-methyladenine	Cl	O-amino acid
CF ₃	O-amino acid	S	2-Amino-8-methylhypoxanthine	Cl	O-amino acid
CF ₃	O-amino acid	S	2-N-acetyl-8-methylguanine	Cl	O-amino acid
CF ₃	O-amino acid	S	4-N-acetyl-8-methylcytosine	Cl	O-amino acid
CF ₃	O-amino acid	S	6-N-acetyl-8-methyladenine	Cl	O-amino acid
CF ₃	O-amino acid	S	4-N-acetyl-5-fluoro-8-methylcytosine	Cl	O-amino acid
CF ₃	O-amino acid	S	6-N-acetyl-2-fluoro-8-methyladenine	Cl	O-amino acid
CF ₃	O-amino acid	S	6-N-acetyl-2-amino-8-methyladenine	Cl	O-amino acid
CF ₃	O-amino acid	S	2-N-acetylamino-8-methyladenine	Cl	O-amino acid
CF ₃	O-amino acid	S	2-N-acetylamino-8-methylhypoxanthine	Cl	O-amino acid
CF ₃	O-amino acid	S	6-Methylthymine	Cl	O-acyl
CF ₃	O-amino acid	S	6-Methyluracil	Cl	O-acyl
CF ₃	O-amino acid	S	8-Methylguanine	Cl	O-acyl
CF ₃	O-amino acid	S	6-Methylcytosine	Cl	O-acyl
CF ₃	O-amino acid	S	8-Methyladenine	Cl	O-acyl
CF ₃	O-amino acid	S	8-Methylhypoxanthine	Cl	O-acyl
CF ₃	O-amino acid	S	5-Fluoro-6-Methyluracil	Cl	O-acyl
CF ₃	O-amino acid	S	5-Fluoro-6-Methylcytosine	Cl	O-acyl
CF ₃	O-amino acid	S	2-Fluoro-8-methyladenine	Cl	O-acyl
CF ₃	O-amino acid	S	2-Fluoro-8-methylhypoxanthine	Cl	O-acyl
CF ₃	O-amino acid	S	2-Amino-8-methyladenine	Cl	O-acyl
CF ₃	O-amino acid	S	2-Amino-8-methylhypoxanthine	Cl	O-acyl
CF ₃	O-amino acid	S	2-N-acetyl-8-methylguanine	Cl	O-acyl
CF ₃	O-amino acid	S	4-N-acetyl-8-methylcytosine	Cl	O-acyl
CF ₃	O-amino acid	S	6-N-acetyl-8-methyladenine	Cl	O-acyl
CF ₃	O-amino acid	S	4-N-acetyl-5-fluoro-8-methylcytosine	Cl	O-acyl
CF ₃	O-amino acid	S	6-N-acetyl-2-fluoro-8-methyladenine	Cl	O-acyl
CF ₃	O-amino acid	S	6-N-acetyl-2-amino-8-methyladenine	Cl	O-acyl
CF ₃	O-amino acid	S	2-N-acetylamino-8-methyladenine	Cl	O-acyl
CF ₃	O-amino acid	S	2-N-acetylamino-8-methylhypoxanthine	Cl	O-acyl
CF ₃	O-amino acid	S	6-Methylthymine	Cl	OH
CF ₃	O-amino acid	S	6-Methyluracil	Cl	OH
CF ₃	O-amino acid	S	8-Methylguanine	Cl	OH
CF ₃	O-amino acid	S	6-Methylcytosine	Cl	OH
CF ₃	O-amino acid	S	8-Methyladenine	Cl	OH
CF ₃	O-amino acid	S	8-Methylhypoxanthine	Cl	OH
CF ₃	O-amino acid	S	5-Fluoro-6-Methyluracil	Cl	OH
CF ₃	O-amino acid	S	5-Fluoro-6-Methylcytosine	Cl	OH
CF ₃	O-amino acid	S	2-Fluoro-8-methyladenine	Cl	OH
CF ₃	O-amino acid	S	2-Fluoro-8-methylhypoxanthine	Cl	OH
CF ₃	O-amino acid	S	2-Amino-8-methyladenine	Cl	OH
CF ₃	O-amino acid	S	2-Amino-8-methylhypoxanthine	Cl	OH
CF ₃	O-amino acid	S	2-N-acetyl-8-methylguanine	Cl	OH
CF ₃	O-amino acid	S	4-N-acetyl-8-methylcytosine	Cl	OH
CF ₃	O-amino acid	S	6-N-acetyl-8-methyladenine	Cl	OH
CF ₃	O-amino acid	S	4-N-acetyl-5-fluoro-8-methylcytosine	Cl	OH
CF ₃	O-amino acid	S	6-N-acetyl-2-fluoro-8-methyladenine	Cl	OH
CF ₃	O-amino acid	S	6-N-acetyl-2-amino-8-methyladenine	Cl	OH
CF ₃	O-amino acid	S	2-N-acetylamino-8-methyladenine	Cl	OH
CF ₃	O-amino acid	S	2-N-acetylamino-8-methylhypoxanthine	Cl	OH
CF ₃	O-amino acid	S	6-Methylthymine	H	H
CF ₃	O-amino acid	S	6-Methyluracil	H	H
CF ₃	O-amino acid	S	8-Methylguanine	H	H
CF ₃	O-amino acid	S	6-Methylcytosine	H	H
CF ₃	O-amino acid	S	8-Methyladenine	H	H
CF ₃	O-amino acid	S	8-Methylhypoxanthine	H	H
CF ₃	O-amino acid	S	5-Fluoro-6-Methyluracil	H	H
CF ₃	O-amino acid	S	5-Fluoro-6-Methylcytosine	H	H
CF ₃	O-amino acid	S	2-Fluoro-8-methyladenine	H	H
CF ₃	O-amino acid	S	2-Fluoro-8-methylhypoxanthine	H	H
CF ₃	O-amino acid	S	2-Amino-8-methyladenine	H	H
CF ₃	O-amino acid	S	2-Amino-8-methylhypoxanthine	H	H
CF ₃	O-amino acid	S	2-N-acetyl-8-methylguanine	H	H
CF ₃	O-amino acid	S	4-N-acetyl-8-methylcytosine	H	H
CF ₃	O-amino acid	S	6-N-acetyl-8-methyladenine	H	H
CF ₃	O-amino acid	S	4-N-acetyl-5-fluoro-8-methylcytosine	H	H
CF ₃	O-amino acid	S	6-N-acetyl-2-fluoro-8-methyladenine	H	H
CF ₃	O-amino acid	S	6-N-acetyl-2-amino-8-methyladenine	H	H
CF ₃	O-amino acid	S	2-N-acetylamino-8-methyladenine	H	H
CF ₃	O-amino acid	S	2-N-acetylamino-8-methylhypoxanthine	H	H
CF ₃	O-amino acid	S	6-Methylthymine	H	O-amino acid
CF ₃	O-amino acid	S	6-Methyluracil	H	O-amino acid
CF ₃	O-amino acid	S	8-Methylguanine	H	O-amino acid

TABLE 12-continued

R ⁶	R ⁷	X	Base	R ¹⁰	R ⁹
CF ₃	O-amino acid	S	6-Methylcytosine	H	O-amino acid
CF ₃	O-amino acid	S	8-Methyladenine	H	O-amino acid
CF ₃	O-amino acid	S	8-Methylhypoxanthine	H	O-amino acid
CF ₃	O-amino acid	S	5-Fluoro-6-Methyluracil	H	O-amino acid
CF ₃	O-amino acid	S	5-Fluoro-6-Methylcytosine	H	O-amino acid
CF ₃	O-amino acid	S	2-Fluoro-8-methyladenine	H	O-amino acid
CF ₃	O-amino acid	S	2-Fluoro-8-methylhypoxanthine	H	O-amino acid
CF ₃	O-amino acid	S	2-Amino-8-methyladenine	H	O-amino acid
CF ₃	O-amino acid	S	2-Amino-8-methylhypoxanthine	H	O-amino acid
CF ₃	O-amino acid	S	2-N-acetyl-8-methylguanine	H	O-amino acid
CF ₃	O-amino acid	S	4-N-acetyl-8-methylcytosine	H	O-amino acid
CF ₃	O-amino acid	S	6-N-acetyl-8-methyladenine	H	O-amino acid
CF ₃	O-amino acid	S	4-N-acetyl-5-fluoro-8-methylcytosine	H	O-amino acid
CF ₃	O-amino acid	S	6-N-acetyl-2-fluoro-8-methyladenine	H	O-amino acid
CF ₃	O-amino acid	S	6-N-acetyl-2-amino-8-methyladenine	H	O-amino acid
CF ₃	O-amino acid	S	2-N-acetyl-amino-8-methyladenine	H	O-amino acid
CF ₃	O-amino acid	S	2-N-acetyl-amino-8-methylhypoxanthine	H	O-amino acid
CF ₃	O-amino acid	S	6-Methylthymine	H	O-acyl
CF ₃	O-amino acid	S	6-Methyluracil	H	O-acyl
CF ₃	O-amino acid	S	8-Methylguanine	H	O-acyl
CF ₃	O-amino acid	S	6-Methylcytosine	H	O-acyl
CF ₃	O-amino acid	S	8-Methyladenine	H	O-acyl
CF ₃	O-amino acid	S	8-Methylhypoxanthine	H	O-acyl
CF ₃	O-amino acid	S	5-Fluoro-6-Methyluracil	H	Q-acyl
CF ₃	O-amino acid	S	5-Fluoro-6-Methylcytosine	H	O-acyl
CF ₃	O-amino acid	S	2-Fluoro-8-methyladenine	H	O-acyl
CF ₃	O-amino acid	S	2-Fluoro-8-methylhypoxanthine	H	O-acyl
CF ₃	O-amino acid	S	2-Amino-8-methyladenine	H	O-acyl
CF ₃	O-amino acid	S	2-Amino-8-methylhypoxanthine	H	O-acyl
CF ₃	O-amino acid	S	2-N-acetyl-8-methylguanine	H	O-acyl
CF ₃	O-amino acid	S	4-N-acetyl-8-methylcytosine	H	O-acyl
CF ₃	O-amino acid	S	6-N-acetyl-8-methyladenine	H	O-acyl
CF ₃	O-amino acid	S	4-N-acetyl-5-fluoro-8-methylcytosine	H	O-acyl
CF ₃	O-amino acid	S	6-N-acetyl-2-fluoro-8-methyladenine	H	O-acyl
CF ₃	O-amino acid	S	6-N-acetyl-2-amino-8-methyladenine	H	O-acyl
CF ₃	O-amino acid	S	2-N-acetyl-amino-8-methyladenine	H	O-acyl
CF ₃	O-amino acid	S	2-N-acetyl-amino-8-methylhypoxanthine	H	O-acyl
CF ₃	O-amino acid	S	6-Methylthymine	H	OH
CF ₃	O-amino acid	S	6-Methyluracil	H	OH
CF ₃	O-amino acid	S	8-Methylguanine	H	OH
CF ₃	O-amino acid	S	6-Methylcytosine	H	OH
CF ₃	O-amino acid	S	8-Methyladenine	H	OH
CF ₃	O-amino acid	S	8-Methylhypoxanthine	H	OH
CF ₃	O-amino acid	S	5-Fluoro-6-Methyluracil	H	OH
CF ₃	O-amino acid	S	5-Fluoro-6-Methylcytosine	H	OH
CF ₃	O-amino acid	S	2-Fluoro-8-methyladenine	H	OH
CF ₃	O-amino acid	S	2-Fluoro-8-methylhypoxanthine	H	OH
CF ₃	O-amino acid	S	2-Amino-8-methyladenine	H	OH
CF ₃	O-amino acid	S	2-Amino-8-methylhypoxanthine	H	OH
CF ₃	O-amino acid	S	2-N-acetyl-8-methylguanine	H	OH
CF ₃	O-amino acid	S	4-N-acetyl-8-methylcytosine	H	OH
CF ₃	O-amino acid	S	6-N-acetyl-8-methyladenine	H	OH
CF ₃	O-amino acid	S	4-N-acetyl-5-fluoro-8-methylcytosine	H	OH
CF ₃	O-amino acid	S	6-N-acetyl-2-fluoro-8-methyladenine	H	OH
CF ₃	O-amino acid	S	6-N-acetyl-2-amino-8-methyladenine	H	OH
CF ₃	O-amino acid	S	2-N-acetyl-amino-8-methyladenine	H	OH
CF ₃	O-amino acid	S	2-N-acetyl-amino-8-methylhypoxanthine	H	OH
CF ₃	O-amino acid	S	6-Methylthymine	OH	H
CF ₃	O-amino acid	S	6-Methyluracil	OH	H
CF ₃	O-amino acid	S	8-Methylguanine	OH	H
CF ₃	O-amino acid	S	6-Methylcytosine	OH	H
CF ₃	O-amino acid	S	8-Methyladenine	OH	H
CF ₃	O-amino acid	S	8-Methylhypoxanthine	OH	H
CF ₃	O-amino acid	S	5-Fluoro-6-Methyluracil	OH	H
CF ₃	O-amino acid	S	5-Fluoro-6-Methylcytosine	OH	H
CF ₃	O-amino acid	S	2-Fluoro-8-methyladenine	OH	H
CF ₃	O-amino acid	S	2-Fluoro-8-methylhypoxanthine	OH	H
CF ₃	O-amino acid	S	2-Amino-8-methyladenine	OH	H
CF ₃	O-amino acid	S	2-Amino-8-methylhypoxanthine	OH	H
CF ₃	O-amino acid	S	2-N-acetyl-8-methylguanine	OH	H
CF ₃	O-amino acid	S	4-N-acetyl-8-methylcytosine	OH	H
CF ₃	O-amino acid	S	6-N-acetyl-8-methyladenine	OH	H
CF ₃	O-amino acid	S	4-N-acetyl-5-fluoro-8-methylcytosine	OH	H
CF ₃	O-amino acid	S	6-N-acetyl-2-fluoro-8-methyladenine	OH	H
CF ₃	O-amino acid	S	6-N-acetyl-2-amino-8-methyladenine	OH	H
CF ₃	O-amino acid	S	2-N-acetyl-amino-8-methyladenine	OH	H
CF ₃	O-amino acid	S	2-N-acetyl-amino-8-methylhypoxanthine	OH	H

TABLE 12-continued

R ⁶	R ⁷	X	Base	R ¹⁰	R ⁹
CF ₃	OH	S	6-Methylthymine	F	O-amino acid
CF ₃	OH	S	6-Methyluracil	F	O-amino acid
CF ₃	OH	S	8-Methylguanine	F	O-amino acid
CF ₃	OH	S	6-Methylcytosine	F	O-amino acid
CF ₃	OH	S	8-Methyladenine	F	O-amino acid
CF ₃	OH	S	8-Methylhypoxanthine	F	O-amino acid
CF ₃	OH	S	5-Fluoro-6-Methyluracil	F	O-amino acid
CF ₃	OH	S	5-Fluoro-6-Methylcytosine	F	O-amino acid
CF ₃	OH	S	2-Fluoro-8-methyladenine	F	O-amino acid
CF ₃	OH	S	2-Fluoro-8-methylhypoxanthine	F	O-amino acid
CF ₃	OH	S	2-Amino-8-methyladenine	F	O-amino acid
CF ₃	OH	S	2-Amino-8-methylhypoxanthine	F	O-amino acid
CF ₃	OH	S	2-N-acetyl-8-methylguanine	F	O-amino acid
CF ₃	OH	S	4-N-acetyl-8-methylcytosine	F	O-amino acid
CF ₃	OH	S	6-N-acetyl-8-methyladenine	F	O-amino acid
CF ₃	OH	S	4-N-acetyl-5-fluoro-8-methylcytosine	F	O-amino acid
CF ₃	OH	S	6-N-acetyl-2-fluoro-8-methyladenine	F	O-amino acid
CF ₃	OH	S	6-N-acetyl-2-amino-8-methyladenine	F	O-amino acid
CF ₃	OH	S	2-N-acetylamino-8-methyladenine	F	O-amino acid
CF ₃	OH	S	2-N-acetylamino-8-methylhypoxanthine	F	O-amino acid
CF ₃	OH	S	6-Methylthymine	F	O-acyl
CF ₃	OH	S	6-Methyluracil	F	O-acyl
CF ₃	OH	S	8-Methylguanine	F	O-acyl
CF ₃	OH	S	6-Methylcytosine	F	O-acyl
CF ₃	OH	S	8-Methyladenine	F	O-acyl
CF ₃	OH	S	8-Methylhypoxanthine	F	O-acyl
CF ₃	OH	S	5-Fluoro-6-Methyluracil	F	O-acyl
CF ₃	OH	S	5-Fluoro-6-Methylcytosine	F	O-acyl
CF ₃	OH	S	2-Fluoro-8-methyladenine	F	O-acyl
CF ₃	OH	S	2-Fluoro-8-methylhypoxanthine	F	O-acyl
CF ₃	OH	S	2-Amino-8-methyladenine	F	O-acyl
CF ₃	OH	S	2-Amino-8-methylhypoxanthine	F	O-acyl
CF ₃	OH	S	2-N-acetyl-8-methylguanine	F	O-acyl
CF ₃	OH	S	4-N-acetyl-8-methylcytosine	F	O-acyl
CF ₃	OH	S	6-N-acetyl-8-methyladenine	F	O-acyl
CF ₃	OH	S	4-N-acetyl-5-fluoro-8-methylcytosine	F	O-acyl
CF ₃	OH	S	6-N-acetyl-2-fluoro-8-methyladenine	F	O-acyl
CF ₃	OH	S	6-N-acetyl-2-amino-8-methyladenine	F	O-acyl
CF ₃	OH	S	2-N-acetylamino-8-methyladenine	F	O-acyl
CF ₃	OH	S	2-N-acetylamino-8-methylhypoxanthine	F	O-acyl
CF ₃	OH	S	6-Methylthymine	Br	O-amino acid
CF ₃	OH	S	6-Methyluracil	Br	O-amino acid
CF ₃	OH	S	8-Methylguanine	Br	O-amino acid
CF ₃	OH	S	6-Methylcytosine	Br	O-amino acid
CF ₃	OH	S	8-Methyladenine	Br	O-amino acid
CF ₃	OH	S	8-Methylhypoxanthine	Br	O-amino acid
CF ₃	OH	S	5-Fluoro-6-Methyluracil	Br	O-amino acid
CF ₃	OH	S	5-Fluoro-6-Methylcytosine	Br	O-amino acid
CF ₃	OH	S	2-Fluoro-8-methyladenine	Br	O-amino acid
CF ₃	OH	S	2-Fluoro-8-methylhypoxanthine	Br	O-amino acid
CF ₃	OH	S	2-Amino-8-methyladenine	Br	O-amino acid
CF ₃	OH	S	2-Amino-8-methylhypoxanthine	Br	O-amino acid
CF ₃	OH	S	2-N-acetyl-8-methylguanine	Br	O-amino acid
CF ₃	OH	S	4-N-acetyl-8-methylcytosine	Br	O-amino acid
CF ₃	OH	S	6-N-acetyl-8-methyladenine	Br	O-amino acid
CF ₃	OH	S	4-N-acetyl-5-fluoro-8-methylcytosine	Br	O-amino acid
CF ₃	OH	S	6-N-acetyl-2-fluoro-8-methyladenine	Br	O-amino acid
CF ₃	OH	S	6-N-acetyl-2-amino-8-methyladenine	Br	O-amino acid
CF ₃	OH	S	2-N-acetylamino-8-methyladenine	Br	O-amino acid
CF ₃	OH	S	2-N-acetylamino-8-methylhypoxanthine	Br	O-amino acid
CF ₃	OH	S	6-Methylthymine	Br	O-acyl
CF ₃	OH	S	6-Methyluracil	Br	O-acyl
CF ₃	OH	S	8-Methylguanine	Br	O-acyl
CF ₃	OH	S	6-Methylcytosine	Br	O-acyl
CF ₃	OH	S	8-Methyladenine	Br	O-acyl
CF ₃	OH	S	8-Methylhypoxanthine	Br	O-acyl
CF ₃	OH	S	5-Fluoro-6-Methyluracil	Br	O-acyl
CF ₃	OH	S	5-Fluoro-6-Methylcytosine	Br	O-acyl
CF ₃	OH	S	2-Fluoro-8-methyladenine	Br	O-acyl
CF ₃	OH	S	2-Fluoro-8-methylhypoxanthine	Br	O-acyl
CF ₃	OH	S	2-Amino-8-methyladenine	Br	O-acyl
CF ₃	OH	S	2-Amino-8-methylhypoxanthine	Br	O-acyl
CF ₃	OH	S	2-N-acetyl-8-methylguanine	Br	O-acyl
CF ₃	OH	S	4-N-acetyl-8-methylcytosine	Br	O-acyl
CF ₃	OH	S	6-N-acetyl-8-methyladenine	Br	O-acyl
CF ₃	OH	S	4-N-acetyl-5-fluoro-8-methylcytosine	Br	O-acyl
CF ₃	OH	S	6-N-acetyl-2-fluoro-8-methyladenine	Br	O-acyl

TABLE 12-continued

R ⁶	R ⁷	X	Base	R ¹⁰	R ⁹
CF ₃	OH	S	6-N-acetyl-2-amino-8-methyladenine	Br	O-acyl
CF ₃	OH	S	2-N-acetyl-amino-8-methyladenine	Br	O-acyl
CF ₃	OH	S	2-N-acetyl-amino-8-methylhypoxanthine	Br	O-acyl
CF ₃	OH	S	6-Methylthymine	Cl	O-amino acid
CF ₃	OH	S	6-Methyluracil	Cl	O-amino acid
CF ₃	OH	S	8-Methylguanine	Cl	O-amino acid
CF ₃	OH	S	6-Methylcytosine	Cl	O-amino acid
CF ₃	OH	S	8-Methyladenine	Cl	O-amino acid
CF ₃	OH	S	8-Methylhypoxanthine	Cl	O-amino acid
CF ₃	OH	S	5-Fluoro-6-Methyluracil	Cl	O-amino acid
CF ₃	OH	S	5-Fluoro-6-Methylcytosine	Cl	O-amino acid
CF ₃	OH	S	2-Fluoro-8-methyladenine	Cl	O-amino acid
CF ₃	OH	S	2-Fluoro-8-methylhypoxanthine	Cl	O-amino acid
CF ₃	OH	S	2-Amino-8-methyladenine	Cl	O-amino acid
CF ₃	OH	S	2-Amino-8-methylhypoxanthine	Cl	O-amino acid
CF ₃	OH	S	2-N-acetyl-8-methylguanine	Cl	O-amino acid
CF ₃	OH	S	4-N-acetyl-8-methylcytosine	Cl	O-amino acid
CF ₃	OH	S	6-N-acetyl-8-methyladenine	Cl	O-amino acid
CF ₃	OH	S	4-N-acetyl-5-fluoro-8-methylcytosine	Cl	O-amino acid
CF ₃	OH	S	6-N-acetyl-2-fluoro-8-methyladenine	Cl	O-amino acid
CF ₃	OH	S	6-N-acetyl-2-amino-8-methyladenine	Cl	O-amino acid
CF ₃	OH	S	2-N-acetyl-amino-8-methyladenine	Cl	O-amino acid
CF ₃	OH	S	2-N-acetyl-amino-8-methylhypoxanthine	Cl	O-amino acid
CF ₃	OH	S	6-Methylthymine	Cl	O-acyl
CF ₃	OH	S	6-Methyluracil	Cl	O-acyl
CF ₃	OH	S	8-Methylguanine	Cl	O-acyl
CF ₃	OH	S	6-Methylcytosine	Cl	O-acyl
CF ₃	OH	S	8-Methyladenine	Cl	O-acyl
CF ₃	OH	S	8-Methylhypoxanthine	Cl	O-acyl
CF ₃	OH	S	5-Fluoro-6-Methyluracil	Cl	O-acyl
CF ₃	OH	S	5-Fluoro-6-Methylcytosine	Cl	O-acyl
CF ₃	OH	S	2-Fluoro-8-methyladenine	Cl	O-acyl
CF ₃	OH	S	2-Fluoro-8-methylhypoxanthine	Cl	O-acyl
CF ₃	OH	S	2-Amino-8-methyladenine	Cl	O-acyl
CF ₃	OH	S	2-Amino-8-methylhypoxanthine	Cl	O-acyl
CF ₃	OH	S	2-N-acetyl-8-methylguanine	Cl	O-acyl
CF ₃	OH	S	4-N-acetyl-8-methylcytosine	Cl	O-acyl
CF ₃	OH	S	6-N-acetyl-8-methyladenine	Cl	O-acyl
CF ₃	OH	S	4-N-acetyl-5-fluoro-8-methylcytosine	Cl	O-acyl
CF ₃	OH	S	6-N-acetyl-2-fluoro-8-methyladenine	Cl	O-acyl
CF ₃	OH	S	6-N-acetyl-2-amino-8-methyladenine	Cl	O-acyl
CF ₃	OH	S	2-N-acetyl-amino-8-methyladenine	Cl	O-acyl
CF ₃	OH	S	2-N-acetyl-amino-8-methylhypoxanthine	Cl	O-acyl
CF ₃	OH	S	6-Methylthymine	H	O-amino acid
CF ₃	OH	S	6-Methyluracil	H	O-amino acid
CF ₃	OH	S	8-Methylguanine	H	O-amino acid
CF ₃	OH	S	6-Methylcytosine	H	O-amino acid
CF ₃	OH	S	8-Methyladenine	H	O-amino acid
CF ₃	OH	S	8-Methylhypoxanthine	H	O-amino acid
CF ₃	OH	S	5-Fluoro-6-Methyluracil	H	O-amino acid
CF ₃	OH	S	5-Fluoro-6-Methylcytosine	H	O-amino acid
CF ₃	OH	S	2-Fluoro-8-methyladenine	H	O-amino acid
CF ₃	OH	S	2-Fluoro-8-methylhypoxanthine	H	O-amino acid
CF ₃	OH	S	2-Amino-8-methyladenine	H	O-amino acid
CF ₃	OH	S	2-Amino-8-methylhypoxanthine	H	O-amino acid
CF ₃	OH	S	2-N-acetyl-8-methylguanine	H	O-amino acid
CF ₃	OH	S	4-N-acetyl-8-methylcytosine	H	O-amino acid
CF ₃	OH	S	6-N-acetyl-8-methyladenine	H	O-amino acid
CF ₃	OH	S	4-N-acetyl-5-fluoro-8-methylcytosine	H	O-amino acid
CF ₃	OH	S	6-N-acetyl-2-fluoro-8-methyladenine	H	O-amino acid
CF ₃	OH	S	6-N-acetyl-2-amino-8-methyladenine	H	O-amino acid
CF ₃	OH	S	2-N-acetyl-amino-8-methyladenine	H	O-amino acid
CF ₃	OH	S	2-N-acetyl-amino-8-methylhypoxanthine	H	O-amino acid
CF ₃	OH	S	6-Methylthymine	H	O-acyl
CF ₃	OH	S	6-Methyluracil	H	O-acyl
CF ₃	OH	S	8-Methylguanine	H	O-acyl
CF ₃	OH	S	6-Methylcytosine	H	O-acyl
CF ₃	OH	S	8-Methyladenine	H	O-acyl
CF ₃	OH	S	8-Methylhypoxanthine	H	O-acyl
CF ₃	OH	S	5-Fluoro-6-Methyluracil	H	O-acyl
CF ₃	OH	S	5-Fluoro-6-Methylcytosine	H	O-acyl
CF ₃	OH	S	2-Fluoro-8-methyladenine	H	O-acyl
CF ₃	OH	S	2-Fluoro-8-methylhypoxanthine	H	O-acyl
CF ₃	OH	S	2-Amino-8-methyladenine	H	O-acyl
CF ₃	OH	S	2-Amino-8-methylhypoxanthine	H	O-acyl
CF ₃	OH	S	2-N-acetyl-8-methylguanine	H	O-acyl
CF ₃	OH	S	4-N-acetyl-8-methylcytosine	H	O-acyl

TABLE 12-continued

R ⁶	R ⁷	X	Base	R ¹⁰	R ⁹
CF ₃	OH	S	6-N-acetyl-8-methyladenine	H	O-acyl
CF ₃	OH	S	4-N-acetyl-5-fluoro-8-methylcytosine	H	O-acyl
CF ₃	OH	S	6-N-acetyl-2-fluoro-8-methyladenine	H	O-acyl
CF ₃	OH	S	6-N-acetyl-2-amino-8-methyladenine	H	O-acyl
CF ₃	OH	S	2-N-acetylamino-8-methyladenine	H	O-acyl
CF ₃	OH	S	2-N-acetylamino-8-methylhypoxanthine	H	O-acyl
CF ₃	H	S	6-Methylthymine	F	O-amino acid
CF ₃	H	S	6-Methyluracil	F	O-amino acid
CF ₃	H	S	8-Methylguanine	F	O-amino acid
CF ₃	H	S	6-Methylcytosine	F	O-amino acid
CF ₃	H	S	8-Methyladenine	F	O-amino acid
CF ₃	H	S	8-Methylhypoxanthine	F	O-amino acid
CF ₃	H	S	5-Fluoro-6-Methyluracil	F	O-amino acid
CF ₃	H	S	5-Fluoro-6-Methylcytosine	F	O-amino acid
CF ₃	H	S	2-Fluoro-8-methyladenine	F	O-amino acid
CF ₃	H	S	2-Fluoro-8-methylhypoxanthine	F	O-amino acid
CF ₃	H	S	2-Amino-8-methyladenine	F	O-amino acid
CF ₃	H	S	2-Amino-8-methylhypoxanthine	F	O-amino acid
CF ₃	H	S	2-N-acetyl-8-methylguanine	F	O-amino acid
CF ₃	H	S	4-N-acetyl-8-methylcytosine	F	O-amino acid
CF ₃	H	S	6-N-acetyl-8-methyladenine	F	O-amino acid
CF ₃	H	S	4-N-acetyl-5-fluoro-8-methylcytosine	F	O-amino acid
CF ₃	H	S	6-N-acetyl-2-fluoro-8-methyladenine	F	O-amino acid
CF ₃	H	S	6-N-acetyl-2-amino-8-methyladenine	F	O-amino acid
CF ₃	H	S	2-N-acetylamino-8-methyladenine	F	O-amino acid
CF ₃	H	S	2-N-acetylamino-8-methylhypoxanthine	F	O-amino acid
CF ₃	H	S	6-Methylthymine	F	O-acyl
CF ₃	H	S	6-Methyluracil	F	O-acyl
CF ₃	H	S	8-Methylguanine	F	O-acyl
CF ₃	H	S	6-Methylcytosine	F	O-acyl
CF ₃	H	S	8-Methyladenine	F	O-acyl
CF ₃	H	S	8-Methylhypoxanthine	F	O-acyl
CF ₃	H	S	5-Fluoro-6-Methyluracil	F	O-acyl
CF ₃	H	S	5-Fluoro-6-Methylcytosine	F	O-acyl
CF ₃	H	S	2-Fluoro-8-methyladenine	F	O-acyl
CF ₃	H	S	2-Fluoro-8-methylhypoxanthine	F	O-acyl
CF ₃	H	S	2-Amino-8-methyladenine	F	O-acyl
CF ₃	H	S	2-Amino-8-methylhypoxanthine	F	O-acyl
CF ₃	H	S	2-N-acetyl-8-methylguanine	F	O-acyl
CF ₃	H	S	4-N-acetyl-8-methylcytosine	F	O-acyl
CF ₃	H	S	6-N-acetyl-8-methyladenine	F	O-acyl
CF ₃	H	S	4-N-acetyl-5-fluoro-8-methylcytosine	F	O-acyl
CF ₃	H	S	6-N-acetyl-2-fluoro-8-methyladenine	F	O-acyl
CF ₃	H	S	6-N-acetyl-2-amino-8-methyladenine	F	O-acyl
CF ₃	H	S	2-N-acetylamino-8-methyladenine	F	O-acyl
CF ₃	H	S	2-N-acetylamino-8-methylhypoxanthine	F	O-acyl
CF ₃	H	S	6-Methylthymine	Br	O-amino acid
CF ₃	H	S	6-Methyluracil	Br	O-amino acid
CF ₃	H	S	8-Methylguanine	Br	O-amino acid
CF ₃	H	S	6-Methylcytosine	Br	O-amino acid
CF ₃	H	S	8-Methyladenine	Br	O-amino acid
CF ₃	H	S	8-Methylhypoxanthine	Br	O-amino acid
CF ₃	H	S	5-Fluoro-6-Methyluracil	Br	O-amino acid
CF ₃	H	S	5-Fluoro-6-Methylcytosine	Br	O-amino acid
CF ₃	H	S	2-Fluoro-8-methyladenine	Br	O-amino acid
CF ₃	H	S	2-Fluoro-8-methylhypoxanthine	Br	O-amino acid
CF ₃	H	S	2-Amino-8-methyladenine	Br	O-amino acid
CF ₃	H	S	2-Amino-8-methylhypoxanthine	Br	O-amino acid
CF ₃	H	S	2-N-acetyl-8-methylguanine	Br	O-amino acid
CF ₃	H	S	4-N-acetyl-8-methylcytosine	Br	O-amino acid
CF ₃	H	S	6-N-acetyl-8-methyladenine	Br	O-amino acid
CF ₃	H	S	4-N-acetyl-5-fluoro-8-methylcytosine	Br	O-amino acid
CF ₃	H	S	6-N-acetyl-2-fluoro-8-methyladenine	Br	O-amino acid
CF ₃	H	S	6-N-acetyl-2-amino-8-methyladenine	Br	O-amino acid
CF ₃	H	S	2-N-acetylamino-8-methyladenine	Br	O-amino acid
CF ₃	H	S	2-N-acetylamino-8-methylhypoxanthine	Br	O-amino acid
CF ₃	H	S	6-Methylthymine	Br	O-acyl
CF ₃	H	S	6-Methyluracil	Br	O-acyl
CF ₃	H	S	8-Methylguanine	Br	O-acyl
CF ₃	H	S	6-Methylcytosine	Br	O-acyl
CF ₃	H	S	8-Methyladenine	Br	O-acyl
CF ₃	H	S	8-Methylhypoxanthine	Br	O-acyl
CF ₃	H	S	5-Fluoro-6-Methyluracil	Br	O-acyl
CF ₃	H	S	5-Fluoro-6-Methylcytosine	Br	O-acyl
CF ₃	H	S	2-Fluoro-8-methyladenine	Br	O-acyl
CF ₃	H	S	2-Fluoro-8-methylhypoxanthine	Br	O-acyl
CF ₃	H	S	2-Amino-8-methyladenine	Br	O-acyl

TABLE 12-continued

R ⁶	R ⁷	X	Base	R ¹⁰	R ⁹
CF ₃	H	S	2-Amino-8-methylhypoxanthine	Br	O-acyl
CF ₃	H	S	2-N-acetyl-8-methylguanine	Br	O-acyl
CF ₃	H	S	4-N-acetyl-8-methylcytosine	Br	O-acyl
CF ₃	H	S	6-N-acetyl-8-methyladenine	Br	O-acyl
CF ₃	H	S	4-N-acetyl-5-fluoro-8-methylcytosine	Br	O-acyl
CF ₃	H	S	6-N-acetyl-2-fluoro-8-methyladenine	Br	O-acyl
CF ₃	H	S	6-N-acetyl-2-amino-8-methyladenine	Br	O-acyl
CF ₃	H	S	2-N-acetyl-amino-8-methyladenine	Br	O-acyl
CF ₃	H	S	2-N-acetyl-amino-8-methylhypoxanthine	Br	O-acyl
CF ₃	H	S	6-Methylthymine	Cl	O-amino acid
CF ₃	H	S	6-Methyluracil	Cl	O-amino acid
CF ₃	H	S	8-Methylguanine	Cl	O-amino acid
CF ₃	H	S	6-Methylcytosine	Cl	O-amino acid
CF ₃	H	S	8-Methyladenine	Cl	O-amino acid
CF ₃	H	S	8-Methylhypoxanthine	Cl	O-amino acid
CF ₃	H	S	5-Fluoro-6-Methyluracil	Cl	O-amino acid
CF ₃	H	S	5-Fluoro-6-Methylcytosine	Cl	O-amino acid
CF ₃	H	S	2-Fluoro-8-methyladenine	Cl	O-amino acid
CF ₃	H	S	2-Fluoro-8-methylhypoxanthine	Cl	O-amino acid
CF ₃	H	S	2-Amino-8-methyladenine	Cl	O-amino acid
CF ₃	H	S	2-Amino-8-methylhypoxanthine	Cl	O-amino acid
CF ₃	H	S	2-N-acetyl-8-methylguanine	Cl	O-amino acid
CF ₃	H	S	4-N-acetyl-8-methylcytosine	Cl	O-amino acid
CF ₃	H	S	6-N-acetyl-8-methyladenine	Cl	O-amino acid
CF ₃	H	S	4-N-acetyl-5-fluoro-8-methylcytosine	Cl	O-amino acid
CF ₃	H	S	6-N-acetyl-2-fluoro-8-methyladenine	Cl	O-amino acid
CF ₃	H	S	6-N-acetyl-2-amino-8-methyladenine	Cl	O-amino acid
CF ₃	H	S	2-N-acetyl-amino-8-methyladenine	Cl	O-amino acid
CF ₃	H	S	2-N-acetyl-amino-8-methylhypoxanthine	Cl	O-amino acid
CF ₃	H	S	6-Methylthymine	Cl	O-acyl
CF ₃	H	S	6-Methyluracil	Cl	O-acyl
CF ₃	H	S	8-Methylguanine	Cl	O-acyl
CF ₃	H	S	6-Methylcytosine	Cl	O-acyl
CF ₃	H	S	8-Methyladenine	Cl	O-acyl
CF ₃	H	S	8-Methylhypoxanthine	Cl	O-acyl
CF ₃	H	S	5-Fluoro-6-Methyluracil	Cl	O-acyl
CF ₃	H	S	5-Fluoro-6-Methylcytosine	Cl	O-acyl
CF ₃	H	S	2-Fluoro-8-methyladenine	Cl	O-acyl
CF ₃	H	S	2-Fluoro-8-methylhypoxanthine	Cl	O-acyl
CF ₃	H	S	2-Amino-8-methyladenine	Cl	O-acyl
CF ₃	H	S	2-Amino-8-methylhypoxanthine	Cl	O-acyl
CF ₃	H	S	2-N-acetyl-8-methylguanine	Cl	O-acyl
CF ₃	H	S	4-N-acetyl-8-methylcytosine	Cl	O-acyl
CF ₃	H	S	6-N-acetyl-8-methyladenine	Cl	O-acyl
CF ₃	H	S	4-N-acetyl-5-fluoro-8-methylcytosine	Cl	O-acyl
CF ₃	H	S	6-N-acetyl-2-fluoro-8-methyladenine	Cl	O-acyl
CF ₃	H	S	6-N-acetyl-2-amino-8-methyladenine	Cl	O-acyl
CF ₃	H	S	2-N-acetyl-amino-8-methyladenine	Cl	O-acyl
CF ₃	H	S	2-N-acetyl-amino-8-methylhypoxanthine	Cl	O-acyl
CF ₃	H	S	6-Methylthymine	H	O-amino acid
CF ₃	H	S	6-Methyluracil	H	O-amino acid
CF ₃	H	S	8-Methylguanine	H	O-amino acid
CF ₃	H	S	6-Methylcytosine	H	O-amino acid
CF ₃	H	S	8-Methyladenine	H	O-amino acid
CF ₃	H	S	8-Methylhypoxanthine	H	O-amino acid
CF ₃	H	S	5-Fluoro-6-Methyluracil	H	O-amino acid
CF ₃	H	S	5-Fluoro-6-Methylcytosine	H	O-amino acid
CF ₃	H	S	2-Fluoro-8-methyladenine	H	O-amino acid
CF ₃	H	S	2-Fluoro-8-methylhypoxanthine	H	O-amino acid
CF ₃	H	S	2-Amino-8-methyladenine	H	O-amino acid
CF ₃	H	S	2-Amino-8-methylhypoxanthine	H	O-amino acid
CF ₃	H	S	2-N-acetyl-8-methylguanine	H	O-amino acid
CF ₃	H	S	4-N-acetyl-8-methylcytosine	H	O-amino acid
CF ₃	H	S	6-N-acetyl-8-methyladenine	H	O-amino acid
CF ₃	H	S	4-N-acetyl-5-fluoro-8-methylcytosine	H	O-amino acid
CF ₃	H	S	6-N-acetyl-2-fluoro-8-methyladenine	H	O-amino acid
CF ₃	H	S	6-N-acetyl-2-amino-8-methyladenine	H	O-amino acid
CF ₃	H	S	2-N-acetyl-amino-8-methyladenine	H	O-amino acid
CF ₃	H	S	2-N-acetyl-amino-8-methylhypoxanthine	H	O-amino acid
CF ₃	H	S	6-Methylthymine	H	O-acyl
CF ₃	H	S	6-Methyluracil	H	O-acyl
CF ₃	H	S	8-Methylguanine	H	O-acyl
CF ₃	H	S	6-Methylcytosine	H	O-acyl
CF ₃	H	S	8-Methyladenine	H	O-acyl
CF ₃	H	S	8-Methylhypoxanthine	H	O-acyl
CF ₃	H	S	5-Fluoro-6-Methyluracil	H	O-acyl
CF ₃	H	S	5-Fluoro-6-Methylcytosine	H	O-acyl

TABLE 12-continued

R ⁶	R ⁷	X	Base	R ¹⁰	R ⁹
CF ₃	H	S	2-Fluoro-8-methyladenine	H	O-acyl
CF ₃	H	S	2-Fluoro-8-methylhypoxanthine	H	O-acyl
CF ₃	H	S	2-Amino-8-methyladenine	H	O-acyl
CF ₃	H	S	2-Amino-8-methylhypoxanthine	H	O-acyl
CF ₃	H	S	2-N-acetyl-8-methylguanine	H	O-acyl
CF ₃	H	S	4-N-acetyl-8-methylcytosine	H	O-acyl
CF ₃	H	S	6-N-acetyl-8-methyladenine	H	O-acyl
CF ₃	H	S	4-N-acetyl-5-fluoro-8-methylcytosine	H	O-acyl
CF ₃	H	S	6-N-acetyl-2-fluoro-8-methyladenine	H	O-acyl
CF ₃	H	S	6-N-acetyl-2-amino-8-methyladenine	H	O-acyl
CF ₃	H	S	2-N-acetylamino-8-methyladenine	H	O-acyl
CF ₃	H	S	2-N-acetylamino-8-methylhypoxanthine	H	O-acyl

TABLE 13

R ²	R ³	X ¹	X ²	Y
acyl	H	CH ₃	Br	H
acyl	H	CH ₃	Br	NH ₂
acyl	H	CH ₃	Br	NH-cyclopropyl
acyl	H	CH ₃	Br	NH-methyl
acyl	H	CH ₃	Br	NH-ethyl
acyl	H	CH ₃	Br	NH-acetyl
acyl	H	CH ₃	Br	OH
acyl	H	CH ₃	Br	OMe
acyl	H	CH ₃	Br	OEt
acyl	H	CH ₃	Br	O-cyclopropyl
acyl	H	CH ₃	Br	O-acetyl
acyl	H	CH ₃	Br	SH
acyl	H	CH ₃	Br	SMe
acyl	H	CH ₃	Br	SEt
acyl	H	CH ₃	Br	S-cyclopropyl
acyl	H	CH ₃	Br	F
acyl	H	CH ₃	Br	Cl
acyl	H	CH ₃	Br	I
acyl	acyl	CH ₃	Br	H
acyl	acyl	CH ₃	Br	NH ₂
acyl	acyl	CH ₃	Br	NH-cyclopropyl
acyl	acyl	CH ₃	Br	NH-methyl
acyl	acyl	CH ₃	Br	NH-ethyl
acyl	acyl	CH ₃	Br	NH-acetyl
acyl	acyl	CH ₃	Br	OH
acyl	acyl	CH ₃	Br	OMe
acyl	acyl	CH ₃	Br	OEt
acyl	acyl	CH ₃	Br	O-cyclopropyl
acyl	acyl	CH ₃	Br	O-acetyl
acyl	acyl	CH ₃	Br	SH
acyl	acyl	CH ₃	Br	SMe
acyl	acyl	CH ₃	Br	SEt
acyl	acyl	CH ₃	Br	S-cyclopropyl
acyl	acyl	CH ₃	Br	F
acyl	acyl	CH ₃	Br	Cl
acyl	acyl	CH ₃	Br	I
acyl	amino acid	CH ₃	Br	H
acyl	amino acid	CH ₃	Br	NH ₂
acyl	amino acid	CH ₃	Br	NH-cyclopropyl
acyl	amino acid	CH ₃	Br	NH-methyl
acyl	amino acid	CH ₃	Br	NH-ethyl
acyl	amino acid	CH ₃	Br	NH-acetyl
acyl	amino acid	CH ₃	Br	OH
acyl	amino acid	CH ₃	Br	OMe
acyl	amino acid	CH ₃	Br	OEt
acyl	amino acid	CH ₃	Br	O-cyclopropyl
acyl	amino acid	CH ₃	Br	O-acetyl
acyl	amino acid	CH ₃	Br	SH
acyl	amino acid	CH ₃	Br	SMe
acyl	amino acid	CH ₃	Br	SEt
acyl	amino acid	CH ₃	Br	S-cyclopropyl
acyl	amino acid	CH ₃	Br	F
acyl	amino acid	CH ₃	Br	Cl
acyl	amino acid	CH ₃	Br	I

TABLE 13-continued

R ²	R ³	X ¹	X ²	Y
acyl	amino acid	CH ₃	Br	I
H	acyl	CH ₃	Br	H
H	acyl	CH ₃	Br	NH ₂
H	acyl	CH ₃	Br	NH-cyclopropyl
H	acyl	CH ₃	Br	NH-methyl
H	acyl	CH ₃	Br	NH-ethyl
H	acyl	CH ₃	Br	NH-acetyl
H	acyl	CH ₃	Br	OH
H	acyl	CH ₃	Br	OMe
H	acyl	CH ₃	Br	OEt
H	acyl	CH ₃	Br	O-cyclopropyl
H	acyl	CH ₃	Br	O-acetyl
H	acyl	CH ₃	Br	SH
H	acyl	CH ₃	Br	SMe
H	acyl	CH ₃	Br	SEt
H	acyl	CH ₃	Br	S-cyclopropyl
H	acyl	CH ₃	Br	F
H	acyl	CH ₃	Br	Cl
H	acyl	CH ₃	Br	I
H	acyl	CH ₃	Br	H
H	amino acid	CH ₃	Br	NH ₂
H	amino acid	CH ₃	Br	NH-cyclopropyl
H	amino acid	CH ₃	Br	NH-methyl
H	amino acid	CH ₃	Br	NH-ethyl
H	amino acid	CH ₃	Br	NH-acetyl
H	amino acid	CH ₃	Br	OH
H	amino acid	CH ₃	Br	OMe
H	amino acid	CH ₃	Br	OEt
H	amino acid	CH ₃	Br	O-cyclopropyl
H	amino acid	CH ₃	Br	O-acetyl
H	amino acid	CH ₃	Br	SH
H	amino acid	CH ₃	Br	SMe
H	amino acid	CH ₃	Br	SEt
H	amino acid	CH ₃	Br	S-cyclopropyl
H	amino acid	CH ₃	Br	F
H	amino acid	CH ₃	Br	Cl
H	amino acid	CH ₃	Br	I
H	amino acid	CH ₃	Br	H
H	amino acid	CH ₃	Br	NH ₂
H	amino acid	CH ₃	Br	NH-cyclopropyl
H	amino acid	CH ₃	Br	NH-methyl
H	amino acid	CH ₃	Br	NH-ethyl
H	amino acid	CH ₃	Br	NH-acetyl
H	amino acid	CH ₃	Br	OH
H	amino acid	CH ₃	Br	OMe
H	amino acid	CH ₃	Br	OEt
H	amino acid	CH ₃	Br	O-cyclopropyl
H	amino acid	CH ₃	Br	O-acetyl
H	amino acid	CH ₃	Br	SH
H	amino acid	CH ₃	Br	SMe
H	amino acid	CH ₃	Br	SEt
H	amino acid	CH ₃	Br	S-cyclopropyl
H	amino acid	CH ₃	Br	F
H	amino acid	CH ₃	Br	Cl

TABLE 13-continued

R ²	R ³	X ¹	X ²	Y
amino acid	amino acid	CH ₃	Br	Br
amino acid	amino acid	CH ₃	Br	I
amino acid	H	CH ₃	Br	H
amino acid	H	CH ₃	Br	NH ₂
amino acid	H	CH ₃	Br	NH-cyclopropyl
amino acid	H	CH ₃	Br	NH-methyl
amino acid	H	CH ₃	Br	NH-ethyl
amino acid	H	CH ₃	Br	NH-acetyl
amino acid	H	CH ₃	Br	OH
amino acid	H	CH ₃	Br	OMe
amino acid	H	CH ₃	Br	OEt
amino acid	H	CH ₃	Br	O-cyclopropyl
amino acid	H	CH ₃	Br	O-acetyl
amino acid	H	CH ₃	Br	SH
amino acid	H	CH ₃	Br	SMe
amino acid	H	CH ₃	Br	SEt
amino acid	H	CH ₃	Br	S-cyclopropyl
amino acid	H	CH ₃	Br	F
amino acid	H	CH ₃	Br	Cl
amino acid	H	CH ₃	Br	Br
amino acid	H	CH ₃	Br	I
amino acid	acyl	CH ₃	Br	H
amino acid	acyl	CH ₃	Br	NH ₂
amino acid	acyl	CH ₃	Br	NH-cyclopropyl
amino acid	acyl	CH ₃	Br	NH-methyl
amino acid	acyl	CH ₃	Br	NH-ethyl
amino acid	acyl	CH ₃	Br	NH-acetyl
amino acid	acyl	CH ₃	Br	OH
amino acid	acyl	CH ₃	Br	OMe
amino acid	acyl	CH ₃	Br	OEt
amino acid	acyl	CH ₃	Br	O-cyclopropyl
amino acid	acyl	CH ₃	Br	O-acetyl
amino acid	acyl	CH ₃	Br	SH
amino acid	acyl	CH ₃	Br	SMe
amino acid	acyl	CH ₃	Br	SEt
amino acid	acyl	CH ₃	Br	S-cyclopropyl
amino acid	acyl	CH ₃	Br	F
amino acid	acyl	CH ₃	Br	Cl
amino acid	acyl	CH ₃	Br	Br
amino acid	acyl	CH ₃	Br	I
acyl	H	CF ₃	Br	H
acyl	H	CF ₃	Br	NH ₂
acyl	H	CF ₃	Br	NH-cyclopropyl
acyl	H	CF ₃	Br	NH-methyl
acyl	H	CF ₃	Br	NH-ethyl
acyl	H	CF ₃	Br	NH-acetyl
acyl	H	CF ₃	Br	OH
acyl	H	CF ₃	Br	OMe
acyl	H	CF ₃	Br	OEt
acyl	H	CF ₃	Br	O-cyclopropyl
acyl	H	CF ₃	Br	O-acetyl
acyl	H	CF ₃	Br	SH
acyl	H	CF ₃	Br	SMe
acyl	H	CF ₃	Br	SEt
acyl	H	CF ₃	Br	S-cyclopropyl
acyl	H	CF ₃	Br	F
acyl	H	CF ₃	Br	Cl
acyl	H	CF ₃	Br	Br
acyl	H	CF ₃	Br	I
acyl	acyl	CF ₃	Br	H
acyl	acyl	CF ₃	Br	NH ₂
acyl	acyl	CF ₃	Br	NH-cyclopropyl
acyl	acyl	CF ₃	Br	NH-methyl
acyl	acyl	CF ₃	Br	NH-ethyl
acyl	acyl	CF ₃	Br	NH-acetyl
acyl	acyl	CF ₃	Br	OH
acyl	acyl	CF ₃	Br	OMe
acyl	acyl	CF ₃	Br	OEt
acyl	acyl	CF ₃	Br	O-cyclopropyl
acyl	acyl	CF ₃	Br	O-acetyl
acyl	acyl	CF ₃	Br	SH
acyl	acyl	CF ₃	Br	SMe
acyl	acyl	CF ₃	Br	SEt
acyl	acyl	CF ₃	Br	S-cyclopropyl
acyl	acyl	CF ₃	Br	F
acyl	acyl	CF ₃	Br	Cl
acyl	acyl	CF ₃	Br	Br

TABLE 13-continued

	R ²	R ³	X ¹	X ²	Y
5	acyl	acyl	CF ₃	Br	I
	acyl	amino acid	CF ₃	Br	H
	acyl	amino acid	CF ₃	Br	NH ₂
	acyl	amino acid	CF ₃	Br	NH-cyclopropyl
	acyl	amino acid	CF ₃	Br	NH-methyl
	acyl	amino acid	CF ₃	Br	NH-ethyl
10	acyl	amino acid	CF ₃	Br	NH-acetyl
	acyl	amino acid	CF ₃	Br	OH
	acyl	amino acid	CF ₃	Br	OMe
	acyl	amino acid	CF ₃	Br	OEt
	acyl	amino acid	CF ₃	Br	O-cyclopropyl
	acyl	amino acid	CF ₃	Br	O-acetyl
15	acyl	amino acid	CF ₃	Br	SH
	acyl	amino acid	CF ₃	Br	SMe
	acyl	amino acid	CF ₃	Br	SEt
	acyl	amino acid	CF ₃	Br	S-cyclopropyl
	acyl	amino acid	CF ₃	Br	F
	acyl	amino acid	CF ₃	Br	Cl
20	acyl	amino acid	CF ₃	Br	Br
	acyl	amino acid	CF ₃	Br	I
	H	acyl	CF ₃	Br	H
	H	acyl	CF ₃	Br	NH ₂
	H	acyl	CF ₃	Br	NH-cyclopropyl
	H	acyl	CF ₃	Br	NH-methyl
	H	acyl	CF ₃	Br	NH-ethyl
25	H	acyl	CF ₃	Br	NH-acetyl
	H	acyl	CF ₃	Br	OH
	H	acyl	CF ₃	Br	OMe
	H	acyl	CF ₃	Br	OEt
	H	acyl	CF ₃	Br	O-cyclopropyl
	H	acyl	CF ₃	Br	O-acetyl
30	H	acyl	CF ₃	Br	SH
	H	acyl	CF ₃	Br	SMe
	H	acyl	CF ₃	Br	SEt
	H	acyl	CF ₃	Br	S-cyclopropyl
	H	acyl	CF ₃	Br	F
	H	acyl	CF ₃	Br	Cl
35	H	acyl	CF ₃	Br	Br
	H	acyl	CF ₃	Br	I
	H	amino acid	CF ₃	Br	H
	H	amino acid	CF ₃	Br	NH ₂
	H	amino acid	CF ₃	Br	NH-cyclopropyl
	H	amino acid	CF ₃	Br	NH-methyl
40	H	amino acid	CF ₃	Br	NH-ethyl
	H	amino acid	CF ₃	Br	NH-acetyl
	H	amino acid	CF ₃	Br	OH
	H	amino acid	CF ₃	Br	OMe
	H	amino acid	CF ₃	Br	OEt
	H	amino acid	CF ₃	Br	O-cyclopropyl
	H	amino acid	CF ₃	Br	O-acetyl
45	H	amino acid	CF ₃	Br	SH
	H	amino acid	CF ₃	Br	SMe
	H	amino acid	CF ₃	Br	SEt
	H	amino acid	CF ₃	Br	S-cyclopropyl
	H	amino acid	CF ₃	Br	F
	H	amino acid	CF ₃	Br	Cl
50	H	amino acid	CF ₃	Br	Br
	H	amino acid	CF ₃	Br	I
	amino acid	amino acid	CF ₃	Br	H
	amino acid	amino acid	CF ₃	Br	NH ₂
	amino acid	amino acid	CF ₃	Br	NH-cyclopropyl
	amino acid	amino acid	CF ₃	Br	NH-methyl
55	amino acid	amino acid	CF ₃	Br	NH-ethyl
	amino acid	amino acid	CF ₃	Br	NH-acetyl
	amino acid	amino acid	CF ₃	Br	OH
	amino acid	amino acid	CF ₃	Br	OMe
	amino acid	amino acid	CF ₃	Br	OEt
	amino acid	amino acid	CF ₃	Br	O-cyclopropyl
	amino acid	amino acid	CF ₃	Br	O-acetyl
60	amino acid	amino acid	CF ₃	Br	SH
	amino acid	amino acid	CF ₃	Br	SMe
	amino acid	amino acid	CF ₃	Br	SEt
	amino acid	amino acid	CF ₃	Br	S-cyclopropyl
	amino acid	amino acid	CF ₃	Br	F
	amino acid	amino acid	CF ₃	Br	Cl
65	amino acid	amino acid	CF ₃	Br	Br
	amino acid	amino acid	CF ₃	Br	I

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TABLE 13-continued

R ²	R ³	X ¹	X ²	Y
amino acid	H	CF ₃	Br	H
amino acid	H	CF ₃	Br	NH ₂
amino acid	H	CF ₃	Br	NH-cyclopropyl
amino acid	H	CF ₃	Br	NH-methyl
amino acid	H	CF ₃	Br	NH-ethyl
amino acid	H	CF ₃	Br	NH-acetyl
amino acid	H	CF ₃	Br	OH
amino acid	H	CF ₃	Br	OMe
amino acid	H	CF ₃	Br	OEt
amino acid	H	CF ₃	Br	O-cyclopropyl
amino acid	H	CF ₃	Br	O-acetyl
amino acid	H	CF ₃	Br	SH
amino acid	H	CF ₃	Br	SMe
amino acid	H	CF ₃	Br	SEt
amino acid	H	CF ₃	Br	S-cyclopropyl
amino acid	H	CF ₃	Br	F
amino acid	H	CF ₃	Br	Cl
amino acid	H	CF ₃	Br	Br
amino acid	H	CF ₃	Br	I
amino acid	acyl	CF ₃	Br	H
amino acid	acyl	CF ₃	Br	NH ₂
amino acid	acyl	CF ₃	Br	NH-cyclopropyl
amino acid	acyl	CF ₃	Br	NH-methyl
amino acid	acyl	CF ₃	Br	NH-ethyl
amino acid	acyl	CF ₃	Br	NH-acetyl
amino acid	acyl	CF ₃	Br	OH
amino acid	acyl	CF ₃	Br	OMe
amino acid	acyl	CF ₃	Br	OEt
amino acid	acyl	CF ₃	Br	O-cyclopropyl
amino acid	acyl	CF ₃	Br	O-acetyl
amino acid	acyl	CF ₃	Br	SH
amino acid	acyl	CF ₃	Br	SMe
amino acid	acyl	CF ₃	Br	SEt
amino acid	acyl	CF ₃	Br	S-cyclopropyl
amino acid	acyl	CF ₃	Br	F
amino acid	acyl	CF ₃	Br	Cl
amino acid	acyl	CF ₃	Br	Br
amino acid	acyl	CF ₃	Br	I
acyl	H	Br	Br	H
acyl	H	Br	Br	NH ₂
acyl	H	Br	Br	NH-cyclopropyl
acyl	H	Br	Br	NH-methyl
acyl	H	Br	Br	NH-ethyl
acyl	H	Br	Br	NH-acetyl
acyl	H	Br	Br	OH
acyl	H	Br	Br	OMe
acyl	H	Br	Br	OEt
acyl	H	Br	Br	O-cyclopropyl
acyl	H	Br	Br	O-acetyl
acyl	H	Br	Br	SH
acyl	H	Br	Br	SMe
acyl	H	Br	Br	SEt
acyl	H	Br	Br	S-cyclopropyl
acyl	H	Br	Br	F
acyl	H	Br	Br	Cl
acyl	H	Br	Br	Br
acyl	H	Br	Br	I
acyl	acyl	Br	Br	H
acyl	acyl	Br	Br	NH ₂
acyl	acyl	Br	Br	NH-cyclopropyl
acyl	acyl	Br	Br	NH-methyl
acyl	acyl	Br	Br	NH-ethyl
acyl	acyl	Br	Br	NH-acetyl
acyl	acyl	Br	Br	OH
acyl	acyl	Br	Br	OMe
acyl	acyl	Br	Br	OEt
acyl	acyl	Br	Br	O-cyclopropyl
acyl	acyl	Br	Br	O-acetyl
acyl	acyl	Br	Br	SH
acyl	acyl	Br	Br	SMe
acyl	acyl	Br	Br	SEt
acyl	acyl	Br	Br	S-cyclopropyl
acyl	acyl	Br	Br	F
acyl	acyl	Br	Br	Cl
acyl	acyl	Br	Br	Br
acyl	acyl	Br	Br	I
acyl	amino acid	Br	Br	H

TABLE 13-continued

	R ²	R ³	X ¹	X ²	Y
5	acyl	amino acid	Br	Br	NH ₂
	acyl	amino acid	Br	Br	NH-cyclopropyl
	acyl	amino acid	Br	Br	NH-methyl
	acyl	amino acid	Br	Br	NH-ethyl
	acyl	amino acid	Br	Br	NH-acetyl
	acyl	amino acid	Br	Br	OH
10	acyl	amino acid	Br	Br	OMe
	acyl	amino acid	Br	Br	OEt
	acyl	amino acid	Br	Br	O-cyclopropyl
	acyl	amino acid	Br	Br	O-acetyl
	acyl	amino acid	Br	Br	SH
	acyl	amino acid	Br	Br	SMe
15	acyl	amino acid	Br	Br	SEt
	acyl	amino acid	Br	Br	S-cyclopropyl
	acyl	amino acid	Br	Br	F
	acyl	amino acid	Br	Br	Cl
	acyl	amino acid	Br	Br	Br
		amino acid	Br	Br	I
20	H	acyl	Br	Br	H
	H	acyl	Br	Br	NH ₂
	H	acyl	Br	Br	NH-cyclopropyl
	H	acyl	Br	Br	NH-methyl
	H	acyl	Br	Br	NH-ethyl
	H	acyl	Br	Br	NH-acetyl
25	H	acyl	Br	Br	OH
	H	acyl	Br	Br	OMe
	H	acyl	Br	Br	OEt
	H	acyl	Br	Br	O-cyclopropyl
	H	acyl	Br	Br	O-acetyl
	H	acyl	Br	Br	SH
	H	acyl	Br	Br	SMe
30	H	acyl	Br	Br	SEt
	H	acyl	Br	Br	S-cyclopropyl
	H	acyl	Br	Br	F
	H	acyl	Br	Br	Cl
	H	acyl	Br	Br	Br
	H	acyl	Br	Br	I
35	H	amino acid	Br	Br	H
	H	amino acid	Br	Br	NH ₂
	H	amino acid	Br	Br	NH-cyclopropyl
	H	amino acid	Br	Br	NH-methyl
	H	amino acid	Br	Br	NH-ethyl
	H	amino acid	Br	Br	NH-acetyl
40	H	amino acid	Br	Br	OH
	H	amino acid	Br	Br	OMe
	H	amino acid	Br	Br	OEt
	H	amino acid	Br	Br	O-cyclopropyl
	H	amino acid	Br	Br	O-acetyl
	H	amino acid	Br	Br	SH
	H	amino acid	Br	Br	SMe
45	H	amino acid	Br	Br	SEt
	H	amino acid	Br	Br	S-cyclopropyl
	H	amino acid	Br	Br	F
	H	amino acid	Br	Br	Cl
	H	amino acid	Br	Br	Br
	H	amino acid	Br	Br	I
50	amino acid	amino acid	Br	Br	H
	amino acid	amino acid	Br	Br	NH ₂
	amino acid	amino acid	Br	Br	NH-cyclopropyl
	amino acid	amino acid	Br	Br	NH-methyl
	amino acid	amino acid	Br	Br	NH-ethyl
	amino acid	amino acid	Br	Br	NH-acetyl
55	amino acid	amino acid	Br	Br	OH
	amino acid	amino acid	Br	Br	OMe
	amino acid	amino acid	Br	Br	OEt
	amino acid	amino acid	Br	Br	O-cyclopropyl
	amino acid	amino acid	Br	Br	O-acetyl
	amino acid	amino acid	Br	Br	SH
	amino acid	amino acid	Br	Br	SMe
60	amino acid	amino acid	Br	Br	SEt
	amino acid	amino acid	Br	Br	S-cyclopropyl
	amino acid	amino acid	Br	Br	F
	amino acid	amino acid	Br	Br	Cl
	amino acid	amino acid	Br	Br	Br
	amino acid	amino acid	Br	Br	I
65	amino acid	H	Br	Br	H
	amino acid	H	Br	Br	NH ₂

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TABLE 13-continued

R ²	R ³	X ¹	X ²	Y
amino acid	H	Br	Br	NH-cyclopropyl
amino acid	H	Br	Br	NH-methyl
amino acid	H	Br	Br	NH-ethyl
amino acid	H	Br	Br	NH-acetyl
amino acid	H	Br	Br	OH
amino acid	H	Br	Br	OMe
amino acid	H	Br	Br	OEt
amino acid	H	Br	Br	O-cyclopropyl
amino acid	H	Br	Br	O-acetyl
amino acid	H	Br	Br	SH
amino acid	H	Br	Br	SMe
amino acid	H	Br	Br	SEt
amino acid	H	Br	Br	S-cyclopropyl
amino acid	H	Br	Br	F
amino acid	H	Br	Br	Cl
amino acid	H	Br	Br	Br
amino acid	H	Br	Br	I
amino acid	H	Br	Br	H
amino acid	acyl	Br	Br	NH ₂
amino acid	acyl	Br	Br	NH-cyclopropyl
amino acid	acyl	Br	Br	NH-methyl
amino acid	acyl	Br	Br	NH-ethyl
amino acid	acyl	Br	Br	NH-acetyl
amino acid	acyl	Br	Br	OH
amino acid	acyl	Br	Br	OMe
amino acid	acyl	Br	Br	OEt
amino acid	acyl	Br	Br	O-cyclopropyl
amino acid	acyl	Br	Br	O-acetyl
amino acid	acyl	Br	Br	SH
amino acid	acyl	Br	Br	SMe
amino acid	acyl	Br	Br	SEt
amino acid	acyl	Br	Br	S-cyclopropyl
amino acid	acyl	Br	Br	F
amino acid	acyl	Br	Br	Cl
amino acid	acyl	Br	Br	Br
amino acid	acyl	Br	Br	I
acyl	H	Cl	Br	H
acyl	H	Cl	Br	NH ₂
acyl	H	Cl	Br	NH-cyclopropyl
acyl	H	Cl	Br	NH-methyl
acyl	H	Cl	Br	NH-ethyl
acyl	H	Cl	Br	NH-acetyl
acyl	H	Cl	Br	OH
acyl	H	Cl	Br	OMe
acyl	H	Cl	Br	OEt
acyl	H	Cl	Br	O-cyclopropyl
acyl	H	Cl	Br	O-acetyl
acyl	H	Cl	Br	SH
acyl	H	Cl	Br	SMe
acyl	H	Cl	Br	SEt
acyl	H	Cl	Br	S-cyclopropyl
acyl	H	Cl	Br	F
acyl	H	Cl	Br	Cl
acyl	H	Cl	Br	Br
acyl	H	Cl	Br	I
acyl	H	Cl	Br	H
acyl	acyl	Cl	Br	NH ₂
acyl	acyl	Cl	Br	NH-cyclopropyl
acyl	acyl	Cl	Br	NH-methyl
acyl	acyl	Cl	Br	NH-ethyl
acyl	acyl	Cl	Br	NH-acetyl
acyl	acyl	Cl	Br	OH
acyl	acyl	Cl	Br	OMe
acyl	acyl	Cl	Br	OEt
acyl	acyl	Cl	Br	O-cyclopropyl
acyl	acyl	Cl	Br	O-acetyl
acyl	acyl	Cl	Br	SH
acyl	acyl	Cl	Br	SMe
acyl	acyl	Cl	Br	SEt
acyl	acyl	Cl	Br	S-cyclopropyl
acyl	acyl	Cl	Br	F
acyl	acyl	Cl	Br	Cl
acyl	acyl	Cl	Br	Br
acyl	acyl	Cl	Br	I
acyl	acyl	Cl	Br	H
acyl	amino acid	Cl	Br	NH ₂
acyl	amino acid	Cl	Br	NH-cyclopropyl
acyl	amino acid	Cl	Br	NH-methyl

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TABLE 13-continued

	R ²	R ³	X ¹	X ²	Y
5	acyl	amino acid	Cl	Br	NH-methyl
	acyl	amino acid	Cl	Br	NH-ethyl
	acyl	amino acid	Cl	Br	NH-acetyl
	acyl	amino acid	Cl	Br	OH
	acyl	amino acid	Cl	Br	OMe
10	acyl	amino acid	Cl	Br	OEt
	acyl	amino acid	Cl	Br	O-cyclopropyl
	acyl	amino acid	Cl	Br	O-acetyl
	acyl	amino acid	Cl	Br	SH
	acyl	amino acid	Cl	Br	SMe
15	acyl	amino acid	Cl	Br	SEt
	acyl	amino acid	Cl	Br	S-cyclopropyl
	acyl	amino acid	Cl	Br	F
	acyl	amino acid	Cl	Br	Cl
	acyl	amino acid	Cl	Br	Br
20	acyl	amino acid	Cl	Br	I
	H	acyl	Cl	Br	H
	H	acyl	Cl	Br	NH ₂
	H	acyl	Cl	Br	NH-cyclopropyl
	H	acyl	Cl	Br	NH-methyl
25	H	acyl	Cl	Br	NH-ethyl
	H	acyl	Cl	Br	NH-acetyl
	H	acyl	Cl	Br	OH
	H	acyl	Cl	Br	OMe
	H	acyl	Cl	Br	OEt
30	H	acyl	Cl	Br	O-cyclopropyl
	H	acyl	Cl	Br	O-acetyl
	H	acyl	Cl	Br	SH
	H	acyl	Cl	Br	SMe
	H	acyl	Cl	Br	SEt
35	H	acyl	Cl	Br	S-cyclopropyl
	H	acyl	Cl	Br	F
	H	acyl	Cl	Br	Cl
	H	acyl	Cl	Br	Br
	H	acyl	Cl	Br	I
40	H	amino acid	Cl	Br	H
	H	amino acid	Cl	Br	NH ₂
	H	amino acid	Cl	Br	NH-cyclopropyl
	H	amino acid	Cl	Br	NH-methyl
	H	amino acid	Cl	Br	NH-ethyl
45	H	amino acid	Cl	Br	NH-acetyl
	H	amino acid	Cl	Br	OH
	H	amino acid	Cl	Br	OMe
	H	amino acid	Cl	Br	OEt
	H	amino acid	Cl	Br	O-cyclopropyl
50	H	amino acid	Cl	Br	O-acetyl
	H	amino acid	Cl	Br	SH
	H	amino acid	Cl	Br	SMe
	H	amino acid	Cl	Br	SEt
	H	amino acid	Cl	Br	S-cyclopropyl
55	H	amino acid	Cl	Br	F
	H	amino acid	Cl	Br	Cl
	H	amino acid	Cl	Br	Br
	H	amino acid	Cl	Br	I
	amino acid	amino acid	Cl	Br	H
60	amino acid	amino acid	Cl	Br	NH ₂
	amino acid	amino acid	Cl	Br	NH-cyclopropyl
	amino acid	amino acid	Cl	Br	NH-methyl
	amino acid	amino acid	Cl	Br	NH-ethyl
	amino acid	amino acid	Cl	Br	NH-acetyl
65	amino acid	amino acid	Cl	Br	OH
	amino acid	amino acid	Cl	Br	OMe
	amino acid	amino acid	Cl	Br	OEt
	amino acid	amino acid	Cl	Br	O-cyclopropyl
	amino acid	amino acid	Cl	Br	O-acetyl
70	amino acid	amino acid	Cl	Br	SH
	amino acid	amino acid	Cl	Br	SMe
	amino acid	amino acid	Cl	Br	SEt
	amino acid	amino acid	Cl	Br	S-cyclopropyl
	amino acid	amino acid	Cl	Br	F
75	amino acid	amino acid	Cl	Br	Cl
	amino acid	amino acid	Cl	Br	Br
	amino acid	amino acid	Cl	Br	I
	amino acid	H	Cl	Br	H
	amino acid	H	Cl	Br	NH ₂
80	amino acid	H	Cl	Br	NH-cyclopropyl
	amino acid	H	Cl	Br	NH-methyl

TABLE 13-continued

R ²	R ³	X ¹	X ²	Y
amino acid	H	Cl	Br	NH-ethyl
amino acid	H	Cl	Br	NH-acetyl
amino acid	H	Cl	Br	OH
amino acid	H	Cl	Br	OMe
amino acid	H	Cl	Br	OEt
amino acid	H	Cl	Br	O-cyclopropyl
amino acid	H	Cl	Br	O-acetyl
amino acid	H	Cl	Br	SH
amino acid	H	Cl	Br	SMe
amino acid	H	Cl	Br	SEt
amino acid	H	Cl	Br	S-cyclopropyl
amino acid	H	Cl	Br	F
amino acid	H	Cl	Br	Cl
amino acid	H	Cl	Br	Br
amino acid	H	Cl	Br	I
amino acid	H	Cl	Br	H
amino acid	acyl	Cl	Br	H
amino acid	acyl	Cl	Br	NH ₂
amino acid	acyl	Cl	Br	NH-cyclopropyl
amino acid	acyl	Cl	Br	NH-methyl
amino acid	acyl	Cl	Br	NH-ethyl
amino acid	acyl	Cl	Br	NH-acetyl
amino acid	acyl	Cl	Br	OH
amino acid	acyl	Cl	Br	OMe
amino acid	acyl	Cl	Br	OEt
amino acid	acyl	Cl	Br	O-cyclopropyl
amino acid	acyl	Cl	Br	O-acetyl
amino acid	acyl	Cl	Br	SH
amino acid	acyl	Cl	Br	SMe
amino acid	acyl	Cl	Br	SEt
amino acid	acyl	Cl	Br	S-cyclopropyl
amino acid	acyl	Cl	Br	F
amino acid	acyl	Cl	Br	Cl
amino acid	acyl	Cl	Br	Br
amino acid	acyl	Cl	Br	I
acyl	H	F	Br	H
acyl	H	F	Br	NH ₂
acyl	H	F	Br	NH-cyclopropyl
acyl	H	F	Br	NH-methyl
acyl	H	F	Br	NH-ethyl
acyl	H	F	Br	NH-acetyl
acyl	H	F	Br	OH
acyl	H	F	Br	OMe
acyl	H	F	Br	OEt
acyl	H	F	Br	O-cyclopropyl
acyl	H	F	Br	O-acetyl
acyl	H	F	Br	SH
acyl	H	F	Br	SMe
acyl	H	F	Br	SEt
acyl	H	F	Br	S-cyclopropyl
acyl	H	F	Br	F
acyl	H	F	Br	Cl
acyl	H	F	Br	Br
acyl	H	F	Br	I
acyl	H	F	Br	H
acyl	acyl	F	Br	H
acyl	acyl	F	Br	NH ₂
acyl	acyl	F	Br	NH-cyclopropyl
acyl	acyl	F	Br	NH-methyl
acyl	acyl	F	Br	NH-ethyl
acyl	acyl	F	Br	NH-acetyl
acyl	acyl	F	Br	OH
acyl	acyl	F	Br	OMe
acyl	acyl	F	Br	OEt
acyl	acyl	F	Br	O-cyclopropyl
acyl	acyl	F	Br	O-acetyl
acyl	acyl	F	Br	SH
acyl	acyl	F	Br	SMe
acyl	acyl	F	Br	SEt
acyl	acyl	F	Br	S-cyclopropyl
acyl	acyl	F	Br	F
acyl	acyl	F	Br	Cl
acyl	acyl	F	Br	Br
acyl	acyl	F	Br	I
acyl	acyl	F	Br	H
acyl	amino acid	F	Br	H
acyl	amino acid	F	Br	NH ₂
acyl	amino acid	F	Br	NH-cyclopropyl
acyl	amino acid	F	Br	NH-methyl
acyl	amino acid	F	Br	NH-ethyl
acyl	amino acid	F	Br	NH-acetyl

TABLE 13-continued

	R ²	R ³	X ¹	X ²	Y
5	acyl	amino acid	F	Br	NH-acetyl
	acyl	amino acid	F	Br	OH
	acyl	amino acid	F	Br	OMe
	acyl	amino acid	F	Br	OEt
	acyl	amino acid	F	Br	O-cyclopropyl
10	acyl	amino acid	F	Br	O-acetyl
	acyl	amino acid	F	Br	SH
	acyl	amino acid	F	Br	SMe
	acyl	amino acid	F	Br	SEt
	acyl	amino acid	F	Br	S-cyclopropyl
15	acyl	amino acid	F	Br	F
	acyl	amino acid	F	Br	Cl
	acyl	amino acid	F	Br	Br
	acyl	amino acid	F	Br	I
	H	acyl	F	Br	H
20	H	acyl	F	Br	NH ₂
	H	acyl	F	Br	NH-cyclopropyl
	H	acyl	F	Br	NH-methyl
	H	acyl	F	Br	NH-ethyl
	H	acyl	F	Br	NH-acetyl
25	H	acyl	F	Br	OH
	H	acyl	F	Br	OMe
	H	acyl	F	Br	OEt
	H	acyl	F	Br	O-cyclopropyl
	H	acyl	F	Br	O-acetyl
30	H	acyl	F	Br	SH
	H	acyl	F	Br	SMe
	H	acyl	F	Br	SEt
	H	acyl	F	Br	S-cyclopropyl
	H	acyl	F	Br	F
35	H	acyl	F	Br	Cl
	H	acyl	F	Br	Br
	H	acyl	F	Br	I
	H	amino acid	F	Br	H
	H	amino acid	F	Br	NH ₂
40	H	amino acid	F	Br	NH-cyclopropyl
	H	amino acid	F	Br	NH-methyl
	H	amino acid	F	Br	NH-ethyl
	H	amino acid	F	Br	NH-acetyl
	H	amino acid	F	Br	OH
45	H	amino acid	F	Br	OMe
	H	amino acid	F	Br	OEt
	H	amino acid	F	Br	O-cyclopropyl
	H	amino acid	F	Br	O-acetyl
	H	amino acid	F	Br	SH
50	H	amino acid	F	Br	SMe
	H	amino acid	F	Br	SEt
	H	amino acid	F	Br	S-cyclopropyl
	H	amino acid	F	Br	F
	H	amino acid	F	Br	Cl
55	H	amino acid	F	Br	Br
	H	amino acid	F	Br	I
	amino acid	amino acid	F	Br	H
	amino acid	amino acid	F	Br	NH ₂
	amino acid	amino acid	F	Br	NH-cyclopropyl
60	amino acid	amino acid	F	Br	NH-methyl
	amino acid	amino acid	F	Br	NH-ethyl
	amino acid	amino acid	F	Br	NH-acetyl
	amino acid	amino acid	F	Br	OH
	amino acid	amino acid	F	Br	OMe
65	amino acid	amino acid	F	Br	OEt
	amino acid	amino acid	F	Br	O-cyclopropyl
	amino acid	amino acid	F	Br	O-acetyl
	amino acid	amino acid	F	Br	SH
	amino acid	amino acid	F	Br	SMe
70	amino acid	amino acid	F	Br	SEt
	amino acid	amino acid	F	Br	S-cyclopropyl
	amino acid	amino acid	F	Br	F
	amino acid	amino acid	F	Br	Cl
	amino acid	amino acid	F	Br	Br
75	amino acid	amino acid	F	Br	I
	amino acid	H	F	Br	H
	amino acid	H	F	Br	NH ₂
	amino acid	H	F	Br	NH-cyclopropyl
	amino acid	H	F	Br	NH-methyl
80	amino acid	H	F	Br	NH-ethyl
	amino acid	H	F	Br	NH-acetyl
	amino acid	H	F	Br	OH
	amino acid	H	F	Br	OMe
	amino acid	H	F	Br	OEt
85	amino acid	H	F	Br	O-cyclopropyl
	amino acid	H	F	Br	O-acetyl
	amino acid	H	F	Br	SH
	amino acid	H	F	Br	SMe
	amino acid	H	F	Br	SEt
90	amino acid	H	F	Br	S-cyclopropyl
	amino acid	H	F	Br	F
	amino acid	H	F	Br	Cl
	amino acid	H	F	Br	Br
	amino acid	H	F	Br	I
95	amino acid	H	F	Br	NH ₂
	amino acid	H	F	Br	NH-cyclopropyl
	amino acid	H	F	Br	NH-methyl
	amino acid	H	F	Br	NH-ethyl
	amino acid	H	F	Br	NH-acetyl

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TABLE 13-continued

R ²	R ³	X	X ²	Y
amino acid	H	F	Br	OH
amino acid	H	F	Br	OMe
amino acid	H	F	Br	OEt
amino acid	H	F	Br	O-cyclopropyl
amino acid	H	F	Br	O-acetyl
amino acid	H	F	Br	SH
amino acid	H	F	Br	SMe
amino acid	H	F	Br	SEt
amino acid	H	F	Br	S-cyclopropyl
amino acid	H	F	Br	F
amino acid	H	F	Br	Cl
amino acid	H	F	Br	Br
amino acid	H	F	Br	I
amino acid	acyl	F	Br	H
amino acid	acyl	F	Br	NH ₂
amino acid	acyl	F	Br	NH-cyclopropyl
amino acid	acyl	F	Br	NH-methyl
amino acid	acyl	F	Br	NH-ethyl
amino acid	acyl	F	Br	NH-acetyl
amino acid	acyl	F	Br	OH
amino acid	acyl	F	Br	OMe
amino acid	acyl	F	Br	OEt
amino acid	acyl	F	Br	O-cyclopropyl
amino acid	acyl	F	Br	O-acetyl
amino acid	acyl	F	Br	SH
amino acid	acyl	F	Br	SMe
amino acid	acyl	F	Br	SEt
amino acid	acyl	F	Br	S-cyclopropyl
amino acid	acyl	F	Br	F
amino acid	acyl	F	Br	Cl
amino acid	acyl	F	Br	Br
amino acid	acyl	F	Br	I
acyl	H	NH ₂	Br	H
acyl	H	NH ₂	Br	NH ₂
acyl	H	NH ₂	Br	NH-cyclopropyl
acyl	H	NH ₂	Br	NH-methyl
acyl	H	NH ₂	Br	NH-ethyl
acyl	H	NH ₂	Br	NH-acetyl
acyl	H	NH ₂	Br	OH
acyl	H	NH ₂	Br	OMe
acyl	H	NH ₂	Br	OEt
acyl	H	NH ₂	Br	O-cyclopropyl
acyl	H	NH ₂	Br	O-acetyl
acyl	H	NH ₂	Br	SH
acyl	H	NH ₂	Br	SMe
acyl	H	NH ₂	Br	SEt
acyl	H	NH ₂	Br	S-cyclopropyl
acyl	H	NH ₂	Br	F
acyl	H	NH ₂	Br	Cl
acyl	H	NH ₂	Br	Br
acyl	H	NH ₂	Br	I
acyl	acyl	NH ₂	Br	H
acyl	acyl	NH ₂	Br	NH ₂
acyl	acyl	NH ₂	Br	NH-cyclopropyl
acyl	acyl	NH ₂	Br	NH-methyl
acyl	acyl	NH ₂	Br	NH-ethyl
acyl	acyl	NH ₂	Br	NH-acetyl
acyl	acyl	NH ₂	Br	OH
acyl	acyl	NH ₂	Br	OMe
acyl	acyl	NH ₂	Br	OEt
acyl	acyl	NH ₂	Br	O-cyclopropyl
acyl	acyl	NH ₂	Br	O-acetyl
acyl	acyl	NH ₂	Br	SH
acyl	acyl	NH ₂	Br	SMe
acyl	acyl	NH ₂	Br	SEt
acyl	acyl	NH ₂	Br	S-cyclopropyl
acyl	acyl	NH ₂	Br	F
acyl	acyl	NH ₂	Br	Cl
acyl	acyl	NH ₂	Br	Br
acyl	acyl	NH ₂	Br	I
acyl	amino acid	NH ₂	Br	H
acyl	amino acid	NH ₂	Br	NH ₂
acyl	amino acid	NH ₂	Br	NH-cyclopropyl
acyl	amino acid	NH ₂	Br	NH-methyl
acyl	amino acid	NH ₂	Br	NH-ethyl
acyl	amino acid	NH ₂	Br	NH-acetyl
acyl	amino acid	NH ₂	Br	OH

TABLE 13-continued

	R ²	R ³	X ¹	X ²	Y
5	acyl	amino acid	NH ₂	Br	OMe
	acyl	amino acid	NH ₂	Br	OEt
	acyl	amino acid	NH ₂	Br	O-cyclopropyl
	acyl	amino acid	NH ₂	Br	O-acetyl
	acyl	amino acid	NH ₂	Br	SH
	acyl	amino acid	NH ₂	Br	SMe
10	acyl	amino acid	NH ₂	Br	SEt
	acyl	amino acid	NH ₂	Br	S-cyclopropyl
	acyl	amino acid	NH ₂	Br	F
	acyl	amino acid	NH ₂	Br	Cl
	acyl	amino acid	NH ₂	Br	Br
	acyl	amino acid	NH ₂	Br	I
15	H	acyl	NH ₂	Br	H
	H	acyl	NH ₂	Br	NH ₂
	H	acyl	NH ₂	Br	NH-cyclopropyl
	H	acyl	NH ₂	Br	NH-methyl
	H	acyl	NH ₂	Br	NH-ethyl
	H	acyl	NH ₂	Br	NH-acetyl
20	H	acyl	NH ₂	Br	OH
	H	acyl	NH ₂	Br	OMe
	H	acyl	NH ₂	Br	OEt
	H	acyl	NH ₂	Br	O-cyclopropyl
	H	acyl	NH ₂	Br	O-acetyl
	H	acyl	NH ₂	Br	SH
	H	acyl	NH ₂	Br	SMe
25	H	acyl	NH ₂	Br	SEt
	H	acyl	NH ₂	Br	S-cyclopropyl
	H	acyl	NH ₂	Br	F
	H	acyl	NH ₂	Br	Cl
	H	acyl	NH ₂	Br	Br
	H	acyl	NH ₂	Br	I
30	H	amino acid	NH ₂	Br	H
	H	amino acid	NH ₂	Br	NH ₂
	H	amino acid	NH ₂	Br	NH-cyclopropyl
	H	amino acid	NH ₂	Br	NH-methyl
	H	amino acid	NH ₂	Br	NH-ethyl
	H	amino acid	NH ₂	Br	NH-acetyl
35	H	amino acid	NH ₂	Br	OH
	H	amino acid	NH ₂	Br	OMe
	H	amino acid	NH ₂	Br	OEt
	H	amino acid	NH ₂	Br	O-cyclopropyl
	H	amino acid	NH ₂	Br	O-acetyl
	H	amino acid	NH ₂	Br	SH
40	H	amino acid	NH ₂	Br	SMe
	H	amino acid	NH ₂	Br	SEt
	H	amino acid	NH ₂	Br	S-cyclopropyl
	H	amino acid	NH ₂	Br	F
	H	amino acid	NH ₂	Br	Cl
	H	amino acid	NH ₂	Br	Br
	H	amino acid	NH ₂	Br	I
45	amino acid	amino acid	NH ₂	Br	H
	amino acid	amino acid	NH ₂	Br	NH ₂
	amino acid	amino acid	NH ₂	Br	NH-cyclopropyl
	amino acid	amino acid	NH ₂	Br	NH-methyl
	amino acid	amino acid	NH ₂	Br	NH-ethyl
	amino acid	amino acid	NH ₂	Br	NH-acetyl
50	amino acid	amino acid	NH ₂	Br	OH
	amino acid	amino acid	NH ₂	Br	OMe
	amino acid	amino acid	NH ₂	Br	OEt
	amino acid	amino acid	NH ₂	Br	O-cyclopropyl
	amino acid	amino acid	NH ₂	Br	O-acetyl
	amino acid	amino acid	NH ₂	Br	SH
55	amino acid	amino acid	NH ₂	Br	SMe
	amino acid	amino acid	NH ₂	Br	SEt
	amino acid	amino acid	NH ₂	Br	S-cyclopropyl
	amino acid	amino acid	NH ₂	Br	F
	amino acid	amino acid	NH ₂	Br	Cl
	amino acid	amino acid	NH ₂	Br	Br
	amino acid	amino acid	NH ₂	Br	I
60	amino acid	amino acid	NH ₂	Br	H
	amino acid	H	NH ₂	Br	NH ₂
	amino acid	H	NH ₂	Br	NH-cyclopropyl
	amino acid	H	NH ₂	Br	NH-methyl
	amino acid	H	NH ₂	Br	NH-ethyl
	amino acid	H	NH ₂	Br	NH-acetyl
65	amino acid	H	NH ₂	Br	OH
	amino acid	H	NH ₂	Br	OMe

TABLE 13-continued

R ²	R ³	X ¹	X ²	Y
amino acid	H	NH ₂	Br	OEt
amino acid	H	NH ₂	Br	O-cyclopropyl
amino acid	H	NH ₂	Br	O-acetyl
amino acid	H	NH ₂	Br	SH
amino acid	H	NH ₂	Br	SMe
amino acid	H	NH ₂	Br	SEt
amino acid	H	NH ₂	Br	S-cyclopropyl
amino acid	H	NH ₂	Br	F
amino acid	H	NH ₂	Br	Cl
amino acid	H	NH ₂	Br	Br
amino acid	H	NH ₂	Br	I
amino acid	H	NH ₂	Br	H
amino acid	acyl	NH ₂	Br	NH ₂
amino acid	acyl	NH ₂	Br	NH-cyclopropyl
amino acid	acyl	NH ₂	Br	NH-methyl
amino acid	acyl	NH ₂	Br	NH-ethyl
amino acid	acyl	NH ₂	Br	NH-acetyl
amino acid	acyl	NH ₂	Br	OH
amino acid	acyl	NH ₂	Br	OMe
amino acid	acyl	NH ₂	Br	OEt
amino acid	acyl	NH ₂	Br	O-cyclopropyl
amino acid	acyl	NH ₂	Br	O-acetyl
amino acid	acyl	NH ₂	Br	SH
amino acid	acyl	NH ₂	Br	SMe
amino acid	acyl	NH ₂	Br	SEt
amino acid	acyl	NH ₂	Br	S-cyclopropyl
amino acid	acyl	NH ₂	Br	F
amino acid	acyl	NH ₂	Br	Cl
amino acid	acyl	NH ₂	Br	Br
amino acid	acyl	NH ₂	Br	I
amino acid	acyl	NH ₂	Br	H
acyl	H	SH	Br	H
acyl	H	SH	Br	NH ₂
acyl	H	SH	Br	NH-cyclopropyl
acyl	H	SH	Br	NH-methyl
acyl	H	SH	Br	NH-ethyl
acyl	H	SH	Br	NH-acetyl
acyl	H	SH	Br	OH
acyl	H	SH	Br	OMe
acyl	H	SH	Br	OEt
acyl	H	SH	Br	O-cyclopropyl
acyl	H	SH	Br	O-acetyl
acyl	H	SH	Br	SH
acyl	H	SH	Br	SMe
acyl	H	SH	Br	SEt
acyl	H	SH	Br	S-cyclopropyl
acyl	H	SH	Br	F
acyl	H	SH	Br	Cl
acyl	H	SH	Br	Br
acyl	H	SH	Br	I
acyl	H	SH	Br	H
acyl	acyl	SH	Br	NH ₂
acyl	acyl	SH	Br	NH-cyclopropyl
acyl	acyl	SH	Br	NH-methyl
acyl	acyl	SH	Br	NH-ethyl
acyl	acyl	SH	Br	NH-acetyl
acyl	acyl	SH	Br	OH
acyl	acyl	SH	Br	OMe
acyl	acyl	SH	Br	OEt
acyl	acyl	SH	Br	O-cyclopropyl
acyl	acyl	SH	Br	O-acetyl
acyl	acyl	SH	Br	SH
acyl	acyl	SH	Br	SMe
acyl	acyl	SH	Br	SEt
acyl	acyl	SH	Br	S-cyclopropyl
acyl	acyl	SH	Br	F
acyl	acyl	SH	Br	Cl
acyl	acyl	SH	Br	Br
acyl	acyl	SH	Br	I
acyl	acyl	SH	Br	H
acyl	amino acid	SH	Br	NH ₂
acyl	amino acid	SH	Br	NH-cyclopropyl
acyl	amino acid	SH	Br	NH-methyl
acyl	amino acid	SH	Br	NH-ethyl
acyl	amino acid	SH	Br	NH-acetyl
acyl	amino acid	SH	Br	OH
acyl	amino acid	SH	Br	OMe
acyl	amino acid	SH	Br	OEt
acyl	amino acid	SH	Br	O-cyclopropyl
acyl	amino acid	SH	Br	O-acetyl
acyl	amino acid	SH	Br	SH
acyl	amino acid	SH	Br	SMe
acyl	amino acid	SH	Br	SEt
acyl	amino acid	SH	Br	S-cyclopropyl
acyl	amino acid	SH	Br	F
acyl	amino acid	SH	Br	Cl
acyl	amino acid	SH	Br	Br
acyl	amino acid	SH	Br	I
acyl	amino acid	SH	Br	H
acyl	amino acid	SH	Br	NH ₂
acyl	amino acid	SH	Br	NH-cyclopropyl
acyl	amino acid	SH	Br	NH-methyl
acyl	amino acid	SH	Br	NH-ethyl
acyl	amino acid	SH	Br	NH-acetyl
acyl	amino acid	SH	Br	OH
acyl	amino acid	SH	Br	OMe
acyl	amino acid	SH	Br	OEt
acyl	amino acid	SH	Br	O-cyclopropyl

TABLE 13-continued

	R ²	R ³	X ¹	X ²	Y
5	acyl	amino acid	SH	Br	O-cyclopropyl
	acyl	amino acid	SH	Br	O-acetyl
	acyl	amino acid	SH	Br	SH
	acyl	amino acid	SH	Br	SMe
	acyl	amino acid	SH	Br	SEt
10	acyl	amino acid	SH	Br	S-cyclopropyl
	acyl	amino acid	SH	Br	F
	acyl	amino acid	SH	Br	Cl
	acyl	amino acid	SH	Br	Br
	acyl	amino acid	SH	Br	I
15	H	acyl	SH	Br	H
	H	acyl	SH	Br	NH ₂
	H	acyl	SH	Br	NH-cyclopropyl
	H	acyl	SH	Br	NH-methyl
	H	acyl	SH	Br	NH-ethyl
20	H	acyl	SH	Br	NH-acetyl
	H	acyl	SH	Br	OH
	H	acyl	SH	Br	OMe
	H	acyl	SH	Br	OEt
	H	acyl	SH	Br	O-cyclopropyl
25	H	acyl	SH	Br	O-acetyl
	H	acyl	SH	Br	SH
	H	acyl	SH	Br	SMe
	H	acyl	SH	Br	SEt
	H	acyl	SH	Br	S-cyclopropyl
30	H	acyl	SH	Br	F
	H	acyl	SH	Br	Cl
	H	acyl	SH	Br	Br
	H	acyl	SH	Br	I
	H	amino acid	SH	Br	H
35	H	amino acid	SH	Br	NH ₂
	H	amino acid	SH	Br	NH-cyclopropyl
	H	amino acid	SH	Br	NH-methyl
	H	amino acid	SH	Br	NH-ethyl
	H	amino acid	SH	Br	NH-acetyl
40	H	amino acid	SH	Br	OH
	H	amino acid	SH	Br	OMe
	H	amino acid	SH	Br	OEt
	H	amino acid	SH	Br	O-cyclopropyl
	H	amino acid	SH	Br	O-acetyl
45	H	amino acid	SH	Br	SH
	H	amino acid	SH	Br	SMe
	H	amino acid	SH	Br	SEt
	H	amino acid	SH	Br	S-cyclopropyl
	H	amino acid	SH	Br	F
50	H	amino acid	SH	Br	Cl
	H	amino acid	SH	Br	Br
	H	amino acid	SH	Br	I
	amino acid	amino acid	SH	Br	H
	amino acid	amino acid	SH	Br	NH ₂
55	amino acid	amino acid	SH	Br	NH-cyclopropyl
	amino acid	amino acid	SH	Br	NH-methyl
	amino acid	amino acid	SH	Br	NH-ethyl
	amino acid	amino acid	SH	Br	NH-acetyl
	amino acid	amino acid	SH	Br	OH
60	amino acid	amino acid	SH	Br	OMe
	amino acid	amino acid	SH	Br	OEt
	amino acid	amino acid	SH	Br	O-cyclopropyl
	amino acid	amino acid	SH	Br	O-acetyl
	amino acid	amino acid	SH	Br	SH
65	amino acid	amino acid	SH	Br	SMe
	amino acid	amino acid	SH	Br	SEt
	amino acid	amino acid	SH	Br	S-cyclopropyl
	amino acid	amino acid	SH	Br	F
	amino acid	amino acid	SH	Br	Cl
	amino acid	amino acid	SH	Br	Br
	amino acid	amino acid	SH	Br	I
	amino acid	H	SH	Br	H
	amino acid	H	SH	Br	NH ₂
	amino acid	H	SH	Br	NH-cyclopropyl
	amino acid	H	SH	Br	NH-methyl
	amino acid	H	SH	Br	NH-ethyl
	amino acid	H	SH	Br	NH-acetyl
	amino acid	H	SH	Br	OH
	amino acid	H	SH	Br	OMe
	amino acid	H	SH	Br	OEt
	amino acid	H	SH	Br	O-cyclopropyl

TABLE 13-continued

R ²	R ³	X ¹	X ²	Y
amino acid	H	SH	Br	O-acetyl
amino acid	H	SH	Br	SH
amino acid	H	SH	Br	SMe
amino acid	H	SH	Br	SEt
amino acid	H	SH	Br	S-cyclopropyl
amino acid	H	SH	Br	F
amino acid	H	SH	Br	Cl
amino acid	H	SH	Br	Br
amino acid	H	SH	Br	I
amino acid	acyl	SH	Br	H
amino acid	acyl	SH	Br	NH ₂
amino acid	acyl	SH	Br	NH-cyclopropyl
amino acid	acyl	SH	Br	NH-methyl
amino acid	acyl	SH	Br	NH-ethyl
amino acid	acyl	SH	Br	NH-acetyl
amino acid	acyl	SH	Br	OH
amino acid	acyl	SH	Br	OMe
amino acid	acyl	SH	Br	OEt
amino acid	acyl	SH	Br	O-cyclopropyl
amino acid	acyl	SH	Br	O-acetyl
amino acid	acyl	SH	Br	SH
amino acid	acyl	SH	Br	SMe
amino acid	acyl	SH	Br	SEt
amino acid	acyl	SH	Br	S-cyclopropyl
amino acid	acyl	SH	Br	F
amino acid	acyl	SH	Br	Cl
amino acid	acyl	SH	Br	Br
amino acid	acyl	SH	Br	I
acyl	H	OH	Br	NH ₂
acyl	H	OH	Br	NH-cyclopropyl
acyl	H	OH	Br	NH-methyl
acyl	H	OH	Br	NH-ethyl
acyl	H	OH	Br	NH-acetyl
acyl	H	OH	Br	OH
acyl	H	OH	Br	OMe
acyl	H	OH	Br	OEt
acyl	H	OH	Br	O-cyclopropyl
acyl	H	OH	Br	O-acetyl
acyl	H	OH	Br	SH
acyl	H	OH	Br	SMe
acyl	H	OH	Br	SEt
acyl	H	OH	Br	S-cyclopropyl
acyl	H	OH	Br	F
acyl	H	OH	Br	Cl
acyl	H	OH	Br	Br
acyl	H	OH	Br	I
acyl	acyl	OH	Br	H
acyl	acyl	OH	Br	NH ₂
acyl	acyl	OH	Br	NH-cyclopropyl
acyl	acyl	OH	Br	NH-methyl
acyl	acyl	OH	Br	NH-ethyl
acyl	acyl	OH	Br	NH-acetyl
acyl	acyl	OH	Br	OH
acyl	acyl	OH	Br	OMe
acyl	acyl	OH	Br	OEt
acyl	acyl	OH	Br	O-cyclopropyl
acyl	acyl	OH	Br	O-acetyl
acyl	acyl	OH	Br	SH
acyl	acyl	OH	Br	SMe
acyl	acyl	OH	Br	SEt
acyl	acyl	OH	Br	S-cyclopropyl
acyl	acyl	OH	Br	F
acyl	acyl	OH	Br	Cl
acyl	acyl	OH	Br	Br
acyl	acyl	OH	Br	I
acyl	amino acid	OH	Br	NH ₂
acyl	amino acid	OH	Br	NH-cyclopropyl
acyl	amino acid	OH	Br	NH-methyl
acyl	amino acid	OH	Br	NH-ethyl
acyl	amino acid	OH	Br	NH-acetyl
acyl	amino acid	OH	Br	OH
acyl	amino acid	OH	Br	OMe
acyl	amino acid	OH	Br	OEt
acyl	amino acid	OH	Br	O-cyclopropyl
acyl	amino acid	OH	Br	O-acetyl
acyl	amino acid	OH	Br	SH
acyl	amino acid	OH	Br	SMe
acyl	amino acid	OH	Br	SEt
acyl	amino acid	OH	Br	S-cyclopropyl
acyl	amino acid	OH	Br	F
acyl	amino acid	OH	Br	Cl
acyl	amino acid	OH	Br	Br
acyl	amino acid	OH	Br	I
acyl	amino acid	OH	Br	NH ₂
acyl	amino acid	OH	Br	NH-cyclopropyl
acyl	amino acid	OH	Br	NH-methyl
acyl	amino acid	OH	Br	NH-ethyl
acyl	amino acid	OH	Br	NH-acetyl
acyl	amino acid	OH	Br	OH
acyl	amino acid	OH	Br	OMe
acyl	amino acid	OH	Br	OEt
acyl	amino acid	OH	Br	O-cyclopropyl
acyl	amino acid	OH	Br	O-acetyl
acyl	amino acid	OH	Br	SH

TABLE 13-continued

	R ²	R ³	X ¹	X ²	Y
5	acyl	amino acid	OH	Br	SH
	acyl	amino acid	OH	Br	SMe
	acyl	amino acid	OH	Br	SEt
	acyl	amino acid	OH	Br	S-cyclopropyl
	acyl	amino acid	OH	Br	F
10	acyl	amino acid	OH	Br	Cl
	acyl	amino acid	OH	Br	Br
	acyl	amino acid	OH	Br	I
	H	acyl	OH	Br	H
	H	acyl	OH	Br	NH ₂
15	H	acyl	OH	Br	NH-cyclopropyl
	H	acyl	OH	Br	NH-methyl
	H	acyl	OH	Br	NH-ethyl
	H	acyl	OH	Br	NH-acetyl
	H	acyl	OH	Br	OH
20	H	acyl	OH	Br	OMe
	H	acyl	OH	Br	OEt
	H	acyl	OH	Br	O-cyclopropyl
	H	acyl	OH	Br	O-acetyl
	H	acyl	OH	Br	SH
25	H	acyl	OH	Br	SMe
	H	acyl	OH	Br	SEt
	H	acyl	OH	Br	S-cyclopropyl
	H	acyl	OH	Br	F
	H	acyl	OH	Br	Cl
30	H	acyl	OH	Br	Br
	H	acyl	OH	Br	I
	H	amino acid	OH	Br	H
	H	amino acid	OH	Br	NH ₂
	H	amino acid	OH	Br	NH-cyclopropyl
35	H	amino acid	OH	Br	NH-methyl
	H	amino acid	OH	Br	NH-ethyl
	H	amino acid	OH	Br	NH-acetyl
	H	amino acid	OH	Br	OH
	H	amino acid	OH	Br	OMe
40	H	amino acid	OH	Br	OEt
	H	amino acid	OH	Br	O-cyclopropyl
	H	amino acid	OH	Br	O-acetyl
	H	amino acid	OH	Br	SH
	H	amino acid	OH	Br	SMe
45	H	amino acid	OH	Br	SEt
	H	amino acid	OH	Br	S-cyclopropyl
	H	amino acid	OH	Br	F
	H	amino acid	OH	Br	Cl
	H	amino acid	OH	Br	Br
50	H	amino acid	OH	Br	I
	amino acid	amino acid	OH	Br	H
	amino acid	amino acid	OH	Br	NH ₂
	amino acid	amino acid	OH	Br	NH-cyclopropyl
	amino acid	amino acid	OH	Br	NH-methyl
55	amino acid	amino acid	OH	Br	NH-ethyl
	amino acid	amino acid	OH	Br	NH-acetyl
	amino acid	amino acid	OH	Br	OH
	amino acid	amino acid	OH	Br	OMe
	amino acid	amino acid	OH	Br	OEt
60	amino acid	amino acid	OH	Br	O-cyclopropyl
	amino acid	amino acid	OH	Br	O-acetyl
	amino acid	amino acid	OH	Br	SH
	amino acid	amino acid	OH	Br	SMe
	amino acid	amino acid	OH	Br	SEt
65	amino acid	amino acid	OH	Br	S-cyclopropyl
	amino acid	amino acid	OH	Br	F
	amino acid	amino acid	OH	Br	Cl
	amino acid	amino acid	OH	Br	Br
	amino acid	amino acid	OH	Br	I

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TABLE 13-continued

R ²	R ³	X ¹	X ²	Y
amino acid	H	OH	Br	SMe
amino acid	H	OH	Br	SEt
amino acid	H	OH	Br	S-cyclopropyl
amino acid	H	OH	Br	F
amino acid	H	OH	Br	Cl
amino acid	H	OH	Br	Br
amino acid	H	OH	Br	I
amino acid	acyl	OH	Br	H
amino acid	acyl	OH	Br	NH ₂
amino acid	acyl	OH	Br	NH-cyclopropyl
amino acid	acyl	OH	Br	NH-methyl
amino acid	acyl	OH	Br	NH-ethyl
amino acid	acyl	OH	Br	NH-acetyl
amino acid	acyl	OH	Br	OMe
amino acid	acyl	OH	Br	OEt
amino acid	acyl	OH	Br	O-cyclopropyl
amino acid	acyl	OH	Br	O-acetyl
amino acid	acyl	OH	Br	SH
amino acid	acyl	OH	Br	SMe
amino acid	acyl	OH	Br	SEt
amino acid	acyl	OH	Br	S-cyclopropyl
amino acid	acyl	OH	Br	F
amino acid	acyl	OH	Br	Cl
amino acid	acyl	OH	Br	Br
amino acid	acyl	OH	Br	I
acyl	H	CH ₃	Cl	H
acyl	H	CH ₃	Cl	NH ₂
acyl	H	CH ₃	Cl	NH-cyclopropyl
acyl	H	CH ₃	Cl	NH-methyl
acyl	H	CH ₃	Cl	NH-ethyl
acyl	H	CH ₃	Cl	NH-acetyl
acyl	H	CH ₃	Cl	OH
acyl	H	CH ₃	Cl	OMe
acyl	H	CH ₃	Cl	OEt
acyl	H	CH ₃	Cl	O-cyclopropyl
acyl	H	CH ₃	Cl	O-acetyl
acyl	H	CH ₃	Cl	SH
acyl	H	CH ₃	Cl	SMe
acyl	H	CH ₃	Cl	SEt
acyl	H	CH ₃	Cl	S-cyclopropyl
acyl	H	CH ₃	Cl	F
acyl	H	CH ₃	Cl	Cl
acyl	H	CH ₃	Cl	Br
acyl	H	CH ₃	Cl	I
acyl	H	CH ₃	Cl	H
acyl	acyl	CH ₃	Cl	NH ₂
acyl	acyl	CH ₃	Cl	NH-cyclopropyl
acyl	acyl	CH ₃	Cl	NH-methyl
acyl	acyl	CH ₃	Cl	NH-ethyl
acyl	acyl	CH ₃	Cl	NH-acetyl
acyl	acyl	CH ₃	Cl	OH
acyl	acyl	CH ₃	Cl	OMe
acyl	acyl	CH ₃	Cl	OEt
acyl	acyl	CH ₃	Cl	O-cyclopropyl
acyl	acyl	CH ₃	Cl	O-acetyl
acyl	acyl	CH ₃	Cl	SH
acyl	acyl	CH ₃	Cl	SMe
acyl	acyl	CH ₃	Cl	SEt
acyl	acyl	CH ₃	Cl	S-cyclopropyl
acyl	acyl	CH ₃	Cl	F
acyl	acyl	CH ₃	Cl	Cl
acyl	acyl	CH ₃	Cl	Br
acyl	acyl	CH ₃	Cl	I
acyl	amino acid	CH ₃	Cl	H
acyl	amino acid	CH ₃	Cl	NH ₂
acyl	amino acid	CH ₃	Cl	NH-cyclopropyl
acyl	amino acid	CH ₃	Cl	NH-methyl
acyl	amino acid	CH ₃	Cl	NH-ethyl
acyl	amino acid	CH ₃	Cl	NH-acetyl
acyl	amino acid	CH ₃	Cl	OH
acyl	amino acid	CH ₃	Cl	OMe
acyl	amino acid	CH ₃	Cl	OEt
acyl	amino acid	CH ₃	Cl	O-cyclopropyl
acyl	amino acid	CH ₃	Cl	O-acetyl
acyl	amino acid	CH ₃	Cl	SH
acyl	amino acid	CH ₃	Cl	SMe
acyl	amino acid	CH ₃	Cl	SEt
acyl	amino acid	CH ₃	Cl	S-cyclopropyl
acyl	amino acid	CH ₃	Cl	F
acyl	amino acid	CH ₃	Cl	Cl
acyl	amino acid	CH ₃	Cl	Br
acyl	amino acid	CH ₃	Cl	I
acyl	amino acid	CH ₃	Cl	H
acyl	amino acid	CH ₃	Cl	NH ₂
acyl	amino acid	CH ₃	Cl	NH-cyclopropyl
acyl	amino acid	CH ₃	Cl	NH-methyl
acyl	amino acid	CH ₃	Cl	NH-ethyl
acyl	amino acid	CH ₃	Cl	NH-acetyl
acyl	amino acid	CH ₃	Cl	OH
acyl	amino acid	CH ₃	Cl	OMe
acyl	amino acid	CH ₃	Cl	OEt
acyl	amino acid	CH ₃	Cl	O-cyclopropyl
acyl	amino acid	CH ₃	Cl	O-acetyl
acyl	amino acid	CH ₃	Cl	SH
acyl	amino acid	CH ₃	Cl	SMe
acyl	amino acid	CH ₃	Cl	SEt
acyl	amino acid	CH ₃	Cl	S-cyclopropyl
acyl	amino acid	CH ₃	Cl	F
acyl	amino acid	CH ₃	Cl	Cl
acyl	amino acid	CH ₃	Cl	Br
acyl	amino acid	CH ₃	Cl	I
acyl	amino acid	CH ₃	Cl	H
acyl	amino acid	CH ₃	Cl	NH ₂
acyl	amino acid	CH ₃	Cl	NH-cyclopropyl
acyl	amino acid	CH ₃	Cl	NH-methyl
acyl	amino acid	CH ₃	Cl	NH-ethyl
acyl	amino acid	CH ₃	Cl	NH-acetyl
acyl	amino acid	CH ₃	Cl	OH
acyl	amino acid	CH ₃	Cl	OMe
acyl	amino acid	CH ₃	Cl	OEt
acyl	amino acid	CH ₃	Cl	O-cyclopropyl
acyl	amino acid	CH ₃	Cl	O-acetyl
acyl	amino acid	CH ₃	Cl	SH
acyl	amino acid	CH ₃	Cl	SMe
acyl	amino acid	CH ₃	Cl	SEt

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TABLE 13-continued

R ²	R ³	X ¹	X ²	Y	
5	acyl	amino acid	CH ₃	Cl	SEt
	acyl	amino acid	CH ₃	Cl	S-cyclopropyl
	acyl	amino acid	CH ₃	Cl	F
	acyl	amino acid	CH ₃	Cl	Cl
	acyl	amino acid	CH ₃	Cl	Br
10	acyl	amino acid	CH ₃	Cl	I
	H	acyl	CH ₃	Cl	H
	H	acyl	CH ₃	Cl	NH ₂
	H	acyl	CH ₃	Cl	NH-cyclopropyl
	H	acyl	CH ₃	Cl	NH-methyl
15	H	acyl	CH ₃	Cl	NH-ethyl
	H	acyl	CH ₃	Cl	NH-acetyl
	H	acyl	CH ₃	Cl	OH
	H	acyl	CH ₃	Cl	OMe
	H	acyl	CH ₃	Cl	OEt
20	H	acyl	CH ₃	Cl	O-cyclopropyl
	H	acyl	CH ₃	Cl	O-acetyl
	H	acyl	CH ₃	Cl	SH
	H	acyl	CH ₃	Cl	SMe
	H	acyl	CH ₃	Cl	SEt
25	H	acyl	CH ₃	Cl	S-cyclopropyl
	H	acyl	CH ₃	Cl	F
	H	acyl	CH ₃	Cl	Cl
	H	acyl	CH ₃	Cl	Br
	H	acyl	CH ₃	Cl	I
30	H	amino acid	CH ₃	Cl	H
	H	amino acid	CH ₃	Cl	NH ₂
	H	amino acid	CH ₃	Cl	NH-cyclopropyl
	H	amino acid	CH ₃	Cl	NH-methyl
	H	amino acid	CH ₃	Cl	NH-ethyl
35	H	amino acid	CH ₃	Cl	NH-acetyl
	H	amino acid	CH ₃	Cl	OH
	H	amino acid	CH ₃	Cl	OMe
	H	amino acid	CH ₃	Cl	OEt
	H	amino acid	CH ₃	Cl	O-cyclopropyl
40	H	amino acid	CH ₃	Cl	O-acetyl
	H	amino acid	CH ₃	Cl	SH
	H	amino acid	CH ₃	Cl	SMe
	H	amino acid	CH ₃	Cl	SEt
	H	amino acid	CH ₃	Cl	S-cyclopropyl
45	H	amino acid	CH ₃	Cl	F
	H	amino acid	CH ₃	Cl	Cl
	H	amino acid	CH ₃	Cl	Br
	H	amino acid	CH ₃	Cl	I
	amino acid	amino acid	CH ₃	Cl	H
50	amino acid	amino acid	CH ₃	Cl	NH ₂
	amino acid	amino acid	CH ₃	Cl	NH-cyclopropyl
	amino acid	amino acid	CH ₃	Cl	NH-methyl
	amino acid	amino acid	CH ₃	Cl	NH-ethyl
	amino acid	amino acid	CH ₃	Cl	NH-acetyl
55	amino acid	amino acid	CH ₃	Cl	OH
	amino acid	amino acid	CH ₃	Cl	OMe
	amino acid	amino acid	CH ₃	Cl	OEt
	amino acid	amino acid	CH ₃	Cl	O-cyclopropyl
	amino acid	amino acid	CH ₃	Cl	O-acetyl
60	amino acid	amino acid	CH ₃	Cl	SH
	amino acid	amino acid	CH ₃	Cl	SMe
	amino acid	amino acid	CH ₃	Cl	SEt
	amino acid	amino acid	CH ₃	Cl	S-cyclopropyl
	amino acid	amino acid	CH ₃	Cl	F
65	amino acid	amino acid	CH ₃	Cl	Cl
	amino acid	amino acid	CH ₃	Cl	Br
	amino acid	amino acid	CH ₃	Cl	I
	amino acid	H	CH ₃	Cl	H
	amino acid	H	CH ₃	Cl	NH ₂
	amino acid	H	CH ₃	Cl	NH-cyclopropyl
	amino acid	H	CH ₃	Cl	NH-methyl
	amino acid	H	CH ₃	Cl	NH-ethyl
	amino acid	H	CH ₃	Cl	NH-acetyl
	amino acid	H	CH ₃	Cl	OH
	amino acid	H	CH ₃	Cl	OMe
	amino acid	H	CH ₃	Cl	OEt
	amino acid	H	CH ₃	Cl	O-cyclopropyl
	amino acid	H	CH ₃	Cl	O-acetyl
	amino acid	H	CH ₃	Cl	SH
	amino acid	H	CH ₃	Cl	SMe
	amino acid	H	CH ₃	Cl	SEt
	amino acid	H	CH ₃	Cl	

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TABLE 13-continued

R ²	R ³	X ¹	X ²	Y
amino acid	H	CH ₃	Cl	S-cyclopropyl
amino acid	H	CH ₃	Cl	F
amino acid	H	CH ₃	Cl	Cl
amino acid	H	CH ₃	Cl	Br
amino acid	H	CH ₃	Cl	I
amino acid	acyl	CH ₃	Cl	H
amino acid	acyl	CH ₃	Cl	NH ₂
amino acid	acyl	CH ₃	Cl	NH-cyclopropyl
amino acid	acyl	CH ₃	Cl	NH-methyl
amino acid	acyl	CH ₃	Cl	NH-ethyl
amino acid	acyl	CH ₃	Cl	NH-acetyl
amino acid	acyl	CH ₃	Cl	OH
amino acid	acyl	CH ₃	Cl	OMe
amino acid	acyl	CH ₃	Cl	OEt
amino acid	acyl	CH ₃	Cl	O-cyclopropyl
amino acid	acyl	CH ₃	Cl	O-acetyl
amino acid	acyl	CH ₃	Cl	SH
amino acid	acyl	CH ₃	Cl	SMe
amino acid	acyl	CH ₃	Cl	SEt
amino acid	acyl	CH ₃	Cl	S-cyclopropyl
amino acid	acyl	CH ₃	Cl	F
amino acid	acyl	CH ₃	Cl	Cl
amino acid	acyl	CH ₃	Cl	Br
amino acid	acyl	CH ₃	Cl	I
acyl	H	CF ₃	Cl	H
acyl	H	CF ₃	Cl	NH ₂
acyl	H	CF ₃	Cl	NH-cyclopropyl
acyl	H	CF ₃	Cl	NH-methyl
acyl	H	CF ₃	Cl	NH-ethyl
acyl	H	CF ₃	Cl	NH-acetyl
acyl	H	CF ₃	Cl	OH
acyl	H	CF ₃	Cl	OMe
acyl	H	CF ₃	Cl	OEt
acyl	H	CF ₃	Cl	O-cyclopropyl
acyl	H	CF ₃	Cl	O-acetyl
acyl	H	CF ₃	Cl	SH
acyl	H	CF ₃	Cl	SMe
acyl	H	CF ₃	Cl	SEt
acyl	H	CF ₃	Cl	S-cyclopropyl
acyl	H	CF ₃	Cl	F
acyl	H	CF ₃	Cl	Cl
acyl	H	CF ₃	Cl	Br
acyl	H	CF ₃	Cl	I
acyl	acyl	CF ₃	Cl	H
acyl	acyl	CF ₃	Cl	NH ₂
acyl	acyl	CF ₃	Cl	NH-cyclopropyl
acyl	acyl	CF ₃	Cl	NH-methyl
acyl	acyl	CF ₃	Cl	NH-ethyl
acyl	acyl	CF ₃	Cl	NH-acetyl
acyl	acyl	CF ₃	Cl	OH
acyl	acyl	CF ₃	Cl	OMe
acyl	acyl	CF ₃	Cl	OEt
acyl	acyl	CF ₃	Cl	O-cyclopropyl
acyl	acyl	CF ₃	Cl	O-acetyl
acyl	acyl	CF ₃	Cl	SH
acyl	acyl	CF ₃	Cl	SMe
acyl	acyl	CF ₃	Cl	SEt
acyl	acyl	CF ₃	Cl	S-cyclopropyl
acyl	acyl	CF ₃	Cl	F
acyl	acyl	CF ₃	Cl	Cl
acyl	acyl	CF ₃	Cl	Br
acyl	acyl	CF ₃	Cl	I
acyl	amino acid	CF ₃	Cl	H
acyl	amino acid	CF ₃	Cl	NH ₂
acyl	amino acid	CF ₃	Cl	NH-cyclopropyl
acyl	amino acid	CF ₃	Cl	NH-methyl
acyl	amino acid	CF ₃	Cl	NH-ethyl
acyl	amino acid	CF ₃	Cl	NH-acetyl
acyl	amino acid	CF ₃	Cl	OH
acyl	amino acid	CF ₃	Cl	OMe
acyl	amino acid	CF ₃	Cl	OEt
acyl	amino acid	CF ₃	Cl	O-cyclopropyl
acyl	amino acid	CF ₃	Cl	O-acetyl
acyl	amino acid	CF ₃	Cl	SH
acyl	amino acid	CF ₃	Cl	SMe
acyl	amino acid	CF ₃	Cl	SEt
acyl	amino acid	CF ₃	Cl	S-cyclopropyl
acyl	amino acid	CF ₃	Cl	F
acyl	amino acid	CF ₃	Cl	Cl
acyl	amino acid	CF ₃	Cl	Br
acyl	amino acid	CF ₃	Cl	I

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TABLE 13-continued

R ²	R ³	X ¹	X ²	Y	
5	acyl	amino acid	CF ₃	Cl	F
	acyl	amino acid	CF ₃	Cl	Cl
	acyl	amino acid	CF ₃	Cl	Br
	acyl	amino acid	CF ₃	Cl	I
	H	acyl	CF ₃	Cl	H
10	H	acyl	CF ₃	Cl	NH ₂
	H	acyl	CF ₃	Cl	NH-cyclopropyl
	H	acyl	CF ₃	Cl	NH-methyl
	H	acyl	CF ₃	Cl	NH-ethyl
	H	acyl	CF ₃	Cl	NH-acetyl
	H	acyl	CF ₃	Cl	OH
	H	acyl	CF ₃	Cl	OMe
15	H	acyl	CF ₃	Cl	OEt
	H	acyl	CF ₃	Cl	O-cyclopropyl
	H	acyl	CF ₃	Cl	O-acetyl
	H	acyl	CF ₃	Cl	SH
	H	acyl	CF ₃	Cl	SMe
	H	acyl	CF ₃	Cl	SEt
	H	acyl	CF ₃	Cl	S-cyclopropyl
20	H	acyl	CF ₃	Cl	F
	H	acyl	CF ₃	Cl	Cl
	H	acyl	CF ₃	Cl	Br
	H	acyl	CF ₃	Cl	I
	H	amino acid	CF ₃	Cl	H
	H	amino acid	CF ₃	Cl	NH ₂
	H	amino acid	CF ₃	Cl	NH-cyclopropyl
25	H	amino acid	CF ₃	Cl	NH-methyl
	H	amino acid	CF ₃	Cl	NH-ethyl
	H	amino acid	CF ₃	Cl	NH-acetyl
	H	amino acid	CF ₃	Cl	OH
	H	amino acid	CF ₃	Cl	OMe
	H	amino acid	CF ₃	Cl	OEt
	H	amino acid	CF ₃	Cl	O-cyclopropyl
30	H	amino acid	CF ₃	Cl	O-acetyl
	H	amino acid	CF ₃	Cl	SH
	H	amino acid	CF ₃	Cl	SMe
	H	amino acid	CF ₃	Cl	SEt
	H	amino acid	CF ₃	Cl	S-cyclopropyl
	H	amino acid	CF ₃	Cl	F
	H	amino acid	CF ₃	Cl	Cl
35	H	amino acid	CF ₃	Cl	Br
	H	amino acid	CF ₃	Cl	I
	H	amino acid	CF ₃	Cl	H
	amino acid	amino acid	CF ₃	Cl	NH ₂
	amino acid	amino acid	CF ₃	Cl	NH-cyclopropyl
	amino acid	amino acid	CF ₃	Cl	NH-methyl
	amino acid	amino acid	CF ₃	Cl	NH-ethyl
40	amino acid	amino acid	CF ₃	Cl	NH-acetyl
	amino acid	amino acid	CF ₃	Cl	OH
	amino acid	amino acid	CF ₃	Cl	OMe
	amino acid	amino acid	CF ₃	Cl	OEt
	amino acid	amino acid	CF ₃	Cl	O-cyclopropyl
	amino acid	amino acid	CF ₃	Cl	O-acetyl
	amino acid	amino acid	CF ₃	Cl	SH
45	amino acid	amino acid	CF ₃	Cl	SMe
	amino acid	amino acid	CF ₃	Cl	SEt
	amino acid	amino acid	CF ₃	Cl	S-cyclopropyl
	amino acid	amino acid	CF ₃	Cl	F
	amino acid	amino acid	CF ₃	Cl	Cl
	amino acid	amino acid	CF ₃	Cl	Br
	amino acid	amino acid	CF ₃	Cl	I
50	amino acid	H	CF ₃	Cl	H
	amino acid	H	CF ₃	Cl	NH ₂
	amino acid	H	CF ₃	Cl	NH-cyclopropyl
	amino acid	H	CF ₃	Cl	NH-methyl
	amino acid	H	CF ₃	Cl	NH-ethyl
	amino acid	H	CF ₃	Cl	NH-acetyl
	amino acid	H	CF ₃	Cl	OH
55	amino acid	H	CF ₃	Cl	OMe
	amino acid	H	CF ₃	Cl	OEt
	amino acid	H	CF ₃	Cl	O-cyclopropyl
	amino acid	H	CF ₃	Cl	O-acetyl
	amino acid	H	CF ₃	Cl	SH
	amino acid	H	CF ₃	Cl	SMe
	amino acid	H	CF ₃	Cl	SEt
60	amino acid	H	CF ₃	Cl	S-cyclopropyl
	amino acid	H	CF ₃	Cl	F
	amino acid	H	CF ₃	Cl	Cl
	amino acid	H	CF ₃	Cl	Br
	amino acid	H	CF ₃	Cl	I
	amino acid	H	CF ₃	Cl	H
	amino acid	H	CF ₃	Cl	NH ₂
65	amino acid	H	CF ₃	Cl	NH-cyclopropyl
	amino acid	H	CF ₃	Cl	NH-methyl
	amino acid	H	CF ₃	Cl	NH-ethyl
	amino acid	H	CF ₃	Cl	NH-acetyl
	amino acid	H	CF ₃	Cl	OH
	amino acid	H	CF ₃	Cl	OMe
	amino acid	H	CF ₃	Cl	OEt
60	amino acid	H	CF ₃	Cl	O-cyclopropyl
	amino acid	H	CF ₃	Cl	O-acetyl
	amino acid	H	CF ₃	Cl	SH
	amino acid	H	CF ₃	Cl	SMe
	amino acid	H	CF ₃	Cl	SEt
	amino acid	H	CF ₃	Cl	S-cyclopropyl
	amino acid	H	CF ₃	Cl	F

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1206

TABLE 13-continued

R ²	R ³	X ¹	X ²	Y
amino acid	H	CF ₃	Cl	Cl
amino acid	H	CF ₃	Cl	Br
amino acid	H	CF ₃	Cl	I
amino acid	acyl	CF ₃	Cl	H
amino acid	acyl	CF ₃	Cl	NH ₂
amino acid	acyl	CF ₃	Cl	NH-cyclopropyl
amino acid	acyl	CF ₃	Cl	NH-methyl
amino acid	acyl	CF ₃	Cl	NH-ethyl
amino acid	acyl	CF ₃	Cl	NH-acetyl
amino acid	acyl	CF ₃	Cl	OH
amino acid	acyl	CF ₃	Cl	OMe
amino acid	acyl	CF ₃	Cl	OEt
amino acid	acyl	CF ₃	Cl	O-cyclopropyl
amino acid	acyl	CF ₃	Cl	O-acetyl
amino acid	acyl	CF ₃	Cl	SH
amino acid	acyl	CF ₃	Cl	SMe
amino acid	acyl	CF ₃	Cl	SEt
amino acid	acyl	CF ₃	Cl	S-cyclopropyl
amino acid	acyl	CF ₃	Cl	F
amino acid	acyl	CF ₃	Cl	Cl
amino acid	acyl	CF ₃	Cl	Br
amino acid	acyl	CF ₃	Cl	I
acyl	H	Br	Cl	H
acyl	H	Br	Cl	NH ₂
acyl	H	Br	Cl	NH-cyclopropyl
acyl	H	Br	Cl	NH-methyl
acyl	H	Br	Cl	NH-ethyl
acyl	H	Br	Cl	NH-acetyl
acyl	H	Br	Cl	OH
acyl	H	Br	Cl	OMe
acyl	H	Br	Cl	OEt
acyl	H	Br	Cl	O-cyclopropyl
acyl	H	Br	Cl	O-acetyl
acyl	H	Br	Cl	SH
acyl	H	Br	Cl	SMe
acyl	H	Br	Cl	SEt
acyl	H	Br	Cl	S-cyclopropyl
acyl	H	Br	Cl	F
acyl	H	Br	Cl	Cl
acyl	H	Br	Cl	Br
acyl	H	Br	Cl	I
acyl	acyl	Br	Cl	H
acyl	acyl	Br	Cl	NH ₂
acyl	acyl	Br	Cl	NH-cyclopropyl
acyl	acyl	Br	Cl	NH-methyl
acyl	acyl	Br	Cl	NH-ethyl
acyl	acyl	Br	Cl	NH-acetyl
acyl	acyl	Br	Cl	OH
acyl	acyl	Br	Cl	OMe
acyl	acyl	Br	Cl	OEt
acyl	acyl	Br	Cl	O-cyclopropyl
acyl	acyl	Br	Cl	O-acetyl
acyl	acyl	Br	Cl	SH
acyl	acyl	Br	Cl	SMe
acyl	acyl	Br	Cl	SEt
acyl	acyl	Br	Cl	S-cyclopropyl
acyl	acyl	Br	Cl	F
acyl	acyl	Br	Cl	Cl
acyl	acyl	Br	Cl	Br
acyl	acyl	Br	Cl	I
acyl	acyl	Br	Cl	H
acyl	amino acid	Br	Cl	NH ₂
acyl	amino acid	Br	Cl	NH-cyclopropyl
acyl	amino acid	Br	Cl	NH-methyl
acyl	amino acid	Br	Cl	NH-ethyl
acyl	amino acid	Br	Cl	NH-acetyl
acyl	amino acid	Br	Cl	OH
acyl	amino acid	Br	Cl	OMe
acyl	amino acid	Br	Cl	OEt
acyl	amino acid	Br	Cl	O-cyclopropyl
acyl	amino acid	Br	Cl	O-acetyl
acyl	amino acid	Br	Cl	SH
acyl	amino acid	Br	Cl	SMe
acyl	amino acid	Br	Cl	SEt
acyl	amino acid	Br	Cl	S-cyclopropyl
acyl	amino acid	Br	Cl	F
acyl	amino acid	Br	Cl	Cl

TABLE 13-continued

	R ²	R ³	X ¹	X ²	Y
5	acyl	amino acid	Br	Cl	Br
	acyl	amino acid	Br	Cl	I
	H	acyl	Br	Cl	H
	H	acyl	Br	Cl	NH ₂
	H	acyl	Br	Cl	NH-cyclopropyl
	H	acyl	Br	Cl	NH-methyl
10	H	acyl	Br	Cl	NH-ethyl
	H	acyl	Br	Cl	NH-acetyl
	H	acyl	Br	Cl	OH
	H	acyl	Br	Cl	OMe
	H	acyl	Br	Cl	OEt
	H	acyl	Br	Cl	O-cyclopropyl
15	H	acyl	Br	Cl	O-acetyl
	H	acyl	Br	Cl	SH
	H	acyl	Br	Cl	SMe
	H	acyl	Br	Cl	SEt
	H	acyl	Br	Cl	S-cyclopropyl
	H	acyl	Br	Cl	F
20	H	acyl	Br	Cl	Cl
	H	acyl	Br	Cl	Br
	H	acyl	Br	Cl	I
	H	amino acid	Br	Cl	H
	H	amino acid	Br	Cl	NH ₂
	H	amino acid	Br	Cl	NH-cyclopropyl
	H	amino acid	Br	Cl	NH-methyl
25	H	amino acid	Br	Cl	NH-ethyl
	H	amino acid	Br	Cl	NH-acetyl
	H	amino acid	Br	Cl	OH
	H	amino acid	Br	Cl	OMe
	H	amino acid	Br	Cl	OEt
	H	amino acid	Br	Cl	O-cyclopropyl
	H	amino acid	Br	Cl	O-acetyl
30	H	amino acid	Br	Cl	SH
	H	amino acid	Br	Cl	SMe
	H	amino acid	Br	Cl	SEt
	H	amino acid	Br	Cl	S-cyclopropyl
	H	amino acid	Br	Cl	F
	H	amino acid	Br	Cl	Cl
35	H	amino acid	Br	Cl	Br
	H	amino acid	Br	Cl	I
	amino acid	amino acid	Br	Cl	H
	amino acid	amino acid	Br	Cl	NH ₂
	amino acid	amino acid	Br	Cl	NH-cyclopropyl
40	amino acid	amino acid	Br	Cl	NH-methyl
	amino acid	amino acid	Br	Cl	NH-ethyl
	amino acid	amino acid	Br	Cl	NH-acetyl
	amino acid	amino acid	Br	Cl	OH
	amino acid	amino acid	Br	Cl	OMe
	amino acid	amino acid	Br	Cl	OEt
	amino acid	amino acid	Br	Cl	O-cyclopropyl
45	amino acid	amino acid	Br	Cl	O-acetyl
	amino acid	amino acid	Br	Cl	SH
	amino acid	amino acid	Br	Cl	SMe
	amino acid	amino acid	Br	Cl	SEt
	amino acid	amino acid	Br	Cl	S-cyclopropyl
	amino acid	amino acid	Br	Cl	F
50	amino acid	amino acid	Br	Cl	Cl
	amino acid	amino acid	Br	Cl	Br
	amino acid	amino acid	Br	Cl	I
	amino acid	H	Br	Cl	H
	amino acid	H	Br	Cl	NH ₂
	amino acid	H	Br	Cl	NH-cyclopropyl
55	amino acid	H	Br	Cl	NH-methyl
	amino acid	H	Br	Cl	NH-ethyl
	amino acid	H	Br	Cl	NH-acetyl
	amino acid	H	Br	Cl	OH
	amino acid	H	Br	Cl	OMe
	amino acid	H	Br	Cl	OEt
	amino acid	H	Br	Cl	O-cyclopropyl
	amino acid	H	Br	Cl	O-acetyl
60	amino acid	H	Br	Cl	SH
	amino acid	H	Br	Cl	SMe
	amino acid	H	Br	Cl	SEt
	amino acid	H	Br	Cl	S-cyclopropyl
	amino acid	H	Br	Cl	F
65	amino acid	H	Br	Cl	Cl
	amino acid	H	Br	Cl	Br

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TABLE 13-continued

R ²	R ³	X ¹	X ²	Y
amino acid	H	Br	Cl	I
amino acid	acyl	Br	Cl	H
amino acid	acyl	Br	Cl	NH ₂
amino acid	acyl	Br	Cl	NH-cyclopropyl
amino acid	acyl	Br	Cl	NH-methyl
amino acid	acyl	Br	Cl	NH-ethyl
amino acid	acyl	Br	Cl	NH-acetyl
amino acid	acyl	Br	Cl	OH
amino acid	acyl	Br	Cl	OMe
amino acid	acyl	Br	Cl	OEt
amino acid	acyl	Br	Cl	O-cyclopropyl
amino acid	acyl	Br	Cl	O-acetyl
amino acid	acyl	Br	Cl	SH
amino acid	acyl	Br	Cl	SMe
amino acid	acyl	Br	Cl	SEt
amino acid	acyl	Br	Cl	S-cyclopropyl
amino acid	acyl	Br	Cl	F
amino acid	acyl	Br	Cl	Cl
amino acid	acyl	Br	Cl	Br
amino acid	acyl	Br	Cl	I
acyl	H	Cl	Cl	H
acyl	H	Cl	Cl	NH ₂
acyl	H	Cl	Cl	NH-cyclopropyl
acyl	H	Cl	Cl	NH-methyl
acyl	H	Cl	Cl	NH-ethyl
acyl	H	Cl	Cl	NH-acetyl
acyl	H	Cl	Cl	OH
acyl	H	Cl	Cl	OMe
acyl	H	Cl	Cl	OEt
acyl	H	Cl	Cl	O-cyclopropyl
acyl	H	Cl	Cl	O-acetyl
acyl	H	Cl	Cl	SH
acyl	H	Cl	Cl	SMe
acyl	H	Cl	Cl	SEt
acyl	H	Cl	Cl	S-cyclopropyl
acyl	H	Cl	Cl	F
acyl	H	Cl	Cl	Cl
acyl	H	Cl	Cl	Br
acyl	H	Cl	Cl	I
acyl	acyl	Cl	Cl	H
acyl	acyl	Cl	Cl	NH ₂
acyl	acyl	Cl	Cl	NH-cyclopropyl
acyl	acyl	Cl	Cl	NH-methyl
acyl	acyl	Cl	Cl	NH-ethyl
acyl	acyl	Cl	Cl	NH-acetyl
acyl	acyl	Cl	Cl	OH
acyl	acyl	Cl	Cl	OMe
acyl	acyl	Cl	Cl	OEt
acyl	acyl	Cl	Cl	O-cyclopropyl
acyl	acyl	Cl	Cl	O-acetyl
acyl	acyl	Cl	Cl	SH
acyl	acyl	Cl	Cl	SMe
acyl	acyl	Cl	Cl	SEt
acyl	acyl	Cl	Cl	S-cyclopropyl
acyl	acyl	Cl	Cl	F
acyl	acyl	Cl	Cl	Cl
acyl	acyl	Cl	Cl	Br
acyl	acyl	Cl	Cl	I
acyl	amino acid	Cl	Cl	H
acyl	amino acid	Cl	Cl	NH ₂
acyl	amino acid	Cl	Cl	NH-cyclopropyl
acyl	amino acid	Cl	Cl	NH-methyl
acyl	amino acid	Cl	Cl	NH-ethyl
acyl	amino acid	Cl	Cl	NH-acetyl
acyl	amino acid	Cl	Cl	OH
acyl	amino acid	Cl	Cl	OMe
acyl	amino acid	Cl	Cl	OEt
acyl	amino acid	Cl	Cl	O-cyclopropyl
acyl	amino acid	Cl	Cl	O-acetyl
acyl	amino acid	Cl	Cl	SH
acyl	amino acid	Cl	Cl	SMe
acyl	amino acid	Cl	Cl	SEt
acyl	amino acid	Cl	Cl	S-cyclopropyl
acyl	amino acid	Cl	Cl	F
acyl	amino acid	Cl	Cl	Cl
acyl	amino acid	Cl	Cl	Br
acyl	amino acid	Cl	Cl	I
acyl	amino acid	Cl	Cl	H
acyl	amino acid	Cl	Cl	NH ₂
acyl	amino acid	Cl	Cl	NH-cyclopropyl
acyl	amino acid	Cl	Cl	NH-methyl
acyl	amino acid	Cl	Cl	NH-ethyl
acyl	amino acid	Cl	Cl	NH-acetyl
acyl	amino acid	Cl	Cl	OH
acyl	amino acid	Cl	Cl	OMe
acyl	amino acid	Cl	Cl	OEt
acyl	amino acid	Cl	Cl	O-cyclopropyl
acyl	amino acid	Cl	Cl	O-acetyl
acyl	amino acid	Cl	Cl	SH
acyl	amino acid	Cl	Cl	SMe
acyl	amino acid	Cl	Cl	SEt
acyl	amino acid	Cl	Cl	S-cyclopropyl
acyl	amino acid	Cl	Cl	F
acyl	amino acid	Cl	Cl	Cl
acyl	amino acid	Cl	Cl	Br
acyl	amino acid	Cl	Cl	I
acyl	amino acid	Cl	Cl	H

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TABLE 13-continued

R ²	R ³	X ¹	X ²	Y
5 H	acyl	Cl	Cl	H
H	acyl	Cl	Cl	NH ₂
H	acyl	Cl	Cl	NH-cyclopropyl
H	acyl	Cl	Cl	NH-methyl
H	acyl	Cl	Cl	NH-ethyl
H	acyl	Cl	Cl	NH-acetyl
10 H	acyl	Cl	Cl	OH
H	acyl	Cl	Cl	OMe
H	acyl	Cl	Cl	OEt
H	acyl	Cl	Cl	O-cyclopropyl
H	acyl	Cl	Cl	O-acetyl
H	acyl	Cl	Cl	SH
15 H	acyl	Cl	Cl	SMe
H	acyl	Cl	Cl	SEt
H	acyl	Cl	Cl	S-cyclopropyl
H	acyl	Cl	Cl	F
H	acyl	Cl	Cl	Cl
H	acyl	Cl	Cl	Br
H	acyl	Cl	Cl	I
20 H	amino acid	Cl	Cl	H
H	amino acid	Cl	Cl	NH ₂
H	amino acid	Cl	Cl	NH-cyclopropyl
H	amino acid	Cl	Cl	NH-methyl
H	amino acid	Cl	Cl	NH-ethyl
H	amino acid	Cl	Cl	NH-acetyl
25 H	amino acid	Cl	Cl	OH
H	amino acid	Cl	Cl	OMe
H	amino acid	Cl	Cl	OEt
H	amino acid	Cl	Cl	O-cyclopropyl
H	amino acid	Cl	Cl	O-acetyl
H	amino acid	Cl	Cl	SH
30 H	amino acid	Cl	Cl	SMe
H	amino acid	Cl	Cl	SEt
H	amino acid	Cl	Cl	S-cyclopropyl
H	amino acid	Cl	Cl	F
H	amino acid	Cl	Cl	Cl
H	amino acid	Cl	Cl	Br
35 H	amino acid	Cl	Cl	I
amino acid	amino acid	Cl	Cl	H
amino acid	amino acid	Cl	Cl	NH ₂
amino acid	amino acid	Cl	Cl	NH-cyclopropyl
amino acid	amino acid	Cl	Cl	NH-methyl
amino acid	amino acid	Cl	Cl	NH-ethyl
amino acid	amino acid	Cl	Cl	NH-acetyl
40 amino acid	amino acid	Cl	Cl	OH
amino acid	amino acid	Cl	Cl	OMe
amino acid	amino acid	Cl	Cl	OEt
amino acid	amino acid	Cl	Cl	O-cyclopropyl
amino acid	amino acid	Cl	Cl	O-acetyl
amino acid	amino acid	Cl	Cl	SH
45 amino acid	amino acid	Cl	Cl	SMe
amino acid	amino acid	Cl	Cl	SEt
amino acid	amino acid	Cl	Cl	S-cyclopropyl
amino acid	amino acid	Cl	Cl	F
amino acid	amino acid	Cl	Cl	Cl
amino acid	amino acid	Cl	Cl	Br
50 amino acid	amino acid	Cl	Cl	I
amino acid	H	Cl	Cl	H
amino acid	H	Cl	Cl	NH ₂
amino acid	H	Cl	Cl	NH-cyclopropyl
amino acid	H	Cl	Cl	NH-methyl
amino acid	H	Cl	Cl	NH-ethyl
55 amino acid	H	Cl	Cl	NH-acetyl
amino acid	H	Cl	Cl	OH
amino acid	H	Cl	Cl	OMe
amino acid	H	Cl	Cl	OEt
amino acid	H	Cl	Cl	O-cyclopropyl
amino acid	H	Cl	Cl	O-acetyl
60 amino acid	H	Cl	Cl	SH
amino acid	H	Cl	Cl	SMe
amino acid	H	Cl	Cl	SEt
amino acid	H	Cl	Cl	S-cyclopropyl
amino acid	H	Cl	Cl	F
amino acid	H	Cl	Cl	Cl
65 amino acid	H	Cl	Cl	Br
amino acid	acyl	Cl	Cl	I
amino acid	acyl	Cl	Cl	H

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TABLE 13-continued

R ²	R ³	X ¹	X ²	Y
amino acid	acyl	Cl	Cl	NH ₂
amino acid	acyl	Cl	Cl	NH-cyclopropyl
amino acid	acyl	Cl	Cl	NH-methyl
amino acid	acyl	Cl	Cl	NH-ethyl
amino acid	acyl	Cl	Cl	NH-acetyl
amino acid	acyl	Cl	Cl	OH
amino acid	acyl	Cl	Cl	OMe
amino acid	acyl	Cl	Cl	OEt
amino acid	acyl	Cl	Cl	O-cyclopropyl
amino acid	acyl	Cl	Cl	O-acetyl
amino acid	acyl	Cl	Cl	SH
amino acid	acyl	Cl	Cl	SMe
amino acid	acyl	Cl	Cl	SEt
amino acid	acyl	Cl	Cl	S-cyclopropyl
amino acid	acyl	Cl	Cl	F
amino acid	acyl	Cl	Cl	Cl
amino acid	acyl	Cl	Cl	Br
amino acid	acyl	Cl	Cl	I
acyl	H	F	Cl	H
acyl	H	F	Cl	NH ₂
acyl	H	F	Cl	NH-cyclopropyl
acyl	H	F	Cl	NH-methyl
acyl	H	F	Cl	NH-ethyl
acyl	H	F	Cl	NH-acetyl
acyl	H	F	Cl	OH
acyl	H	F	Cl	OMe
acyl	H	F	Cl	OEt
acyl	H	F	Cl	O-cyclopropyl
acyl	H	F	Cl	O-acetyl
acyl	H	F	Cl	SH
acyl	H	F	Cl	SMe
acyl	H	F	Cl	SEt
acyl	H	F	Cl	S-cyclopropyl
acyl	H	F	Cl	F
acyl	H	F	Cl	Cl
acyl	H	F	Cl	Br
acyl	H	F	Cl	I
acyl	acyl	F	Cl	H
acyl	acyl	F	Cl	NH ₂
acyl	acyl	F	Cl	NH-cyclopropyl
acyl	acyl	F	Cl	NH-methyl
acyl	acyl	F	Cl	NH-ethyl
acyl	acyl	F	Cl	NH-acetyl
acyl	acyl	F	Cl	OH
acyl	acyl	F	Cl	OMe
acyl	acyl	F	Cl	OEt
acyl	acyl	F	Cl	O-cyclopropyl
acyl	acyl	F	Cl	O-acetyl
acyl	acyl	F	Cl	SH
acyl	acyl	F	Cl	SMe
acyl	acyl	F	Cl	SEt
acyl	acyl	F	Cl	S-cyclopropyl
acyl	acyl	F	Cl	F
acyl	acyl	F	Cl	Cl
acyl	acyl	F	Cl	Br
acyl	acyl	F	Cl	I
acyl	amino acid	F	Cl	H
acyl	amino acid	F	Cl	NH ₂
acyl	amino acid	F	Cl	NH-cyclopropyl
acyl	amino acid	F	Cl	NH-methyl
acyl	amino acid	F	Cl	NH-ethyl
acyl	amino acid	F	Cl	NH-acetyl
acyl	amino acid	F	Cl	OH
acyl	amino acid	F	Cl	OMe
acyl	amino acid	F	Cl	OEt
acyl	amino acid	F	Cl	O-cyclopropyl
acyl	amino acid	F	Cl	O-acetyl
acyl	amino acid	F	Cl	SH
acyl	amino acid	F	Cl	SMe
acyl	amino acid	F	Cl	SEt
acyl	amino acid	F	Cl	S-cyclopropyl
acyl	amino acid	F	Cl	F
acyl	amino acid	F	Cl	Cl
acyl	amino acid	F	Cl	Br
acyl	amino acid	F	Cl	I
H	acyl	F	Cl	H
H	acyl	F	Cl	NH ₂

TABLE 13-continued

	R ²	R ³	X ¹	X ²	Y
5	H	acyl	F	Cl	NH-cyclopropyl
	H	acyl	F	Cl	NH-methyl
	H	acyl	F	Cl	NH-ethyl
	H	acyl	F	Cl	NH-acetyl
	H	acyl	F	Cl	OH
	H	acyl	F	Cl	OMe
10	H	acyl	F	Cl	OEt
	H	acyl	F	Cl	O-cyclopropyl
	H	acyl	F	Cl	O-acetyl
	H	acyl	F	Cl	SH
	H	acyl	F	Cl	SMe
	H	acyl	F	Cl	SEt
15	H	acyl	F	Cl	S-cyclopropyl
	H	acyl	F	Cl	F
	H	acyl	F	Cl	Cl
	H	acyl	F	Cl	Br
	H	acyl	F	Cl	I
	H	amino acid	F	Cl	H
	H	amino acid	F	Cl	NH ₂
20	H	amino acid	F	Cl	NH-cyclopropyl
	H	amino acid	F	Cl	NH-methyl
	H	amino acid	F	Cl	NH-ethyl
	H	amino acid	F	Cl	NH-acetyl
	H	amino acid	F	Cl	OH
	H	amino acid	F	Cl	OMe
25	H	amino acid	F	Cl	OEt
	H	amino acid	F	Cl	O-cyclopropyl
	H	amino acid	F	Cl	O-acetyl
	H	amino acid	F	Cl	SH
	H	amino acid	F	Cl	SMe
	H	amino acid	F	Cl	SEt
30	H	amino acid	F	Cl	S-cyclopropyl
	H	amino acid	F	Cl	F
	H	amino acid	F	Cl	Cl
	H	amino acid	F	Cl	Br
	H	amino acid	F	Cl	I
	amino acid	amino acid	F	Cl	H
35	amino acid	amino acid	F	Cl	NH ₂
	amino acid	amino acid	F	Cl	NH-cyclopropyl
	amino acid	amino acid	F	Cl	NH-methyl
	amino acid	amino acid	F	Cl	NH-ethyl
	amino acid	amino acid	F	Cl	NH-acetyl
	amino acid	amino acid	F	Cl	OH
40	amino acid	amino acid	F	Cl	OMe
	amino acid	amino acid	F	Cl	OEt
	amino acid	amino acid	F	Cl	O-cyclopropyl
	amino acid	amino acid	F	Cl	O-acetyl
	amino acid	amino acid	F	Cl	SH
	amino acid	amino acid	F	Cl	SMe
	amino acid	amino acid	F	Cl	SEt
45	amino acid	amino acid	F	Cl	S-cyclopropyl
	amino acid	amino acid	F	Cl	F
	amino acid	amino acid	F	Cl	Cl
	amino acid	amino acid	F	Cl	Br
	amino acid	amino acid	F	Cl	I
	amino acid	H	F	Cl	H
50	amino acid	H	F	Cl	NH ₂
	amino acid	H	F	Cl	NH-cyclopropyl
	amino acid	H	F	Cl	NH-methyl
	amino acid	H	F	Cl	NH-ethyl
	amino acid	H	F	Cl	NH-acetyl
	amino acid	H	F	Cl	OH
55	amino acid	H	F	Cl	OMe
	amino acid	H	F	Cl	OEt
	amino acid	H	F	Cl	O-cyclopropyl
	amino acid	H	F	Cl	O-acetyl
	amino acid	H	F	Cl	SH
	amino acid	H	F	Cl	SMe
	amino acid	H	F	Cl	SEt
60	amino acid	H	F	Cl	S-cyclopropyl
	amino acid	H	F	Cl	F
	amino acid	H	F	Cl	Cl
	amino acid	H	F	Cl	Br
	amino acid	H	F	Cl	I
	amino acid	acyl	F	Cl	H
65	amino acid	acyl	F	Cl	NH ₂
	amino acid	acyl	F	Cl	NH-cyclopropyl

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TABLE 13-continued

R ²	R ³	X ¹	X ²	Y
amino acid	acyl	F	Cl	NH-methyl
amino acid	acyl	F	Cl	NH-ethyl
amino acid	acyl	F	Cl	NH-acetyl
amino acid	acyl	F	Cl	OH
amino acid	acyl	F	Cl	OMe
amino acid	acyl	F	Cl	OEt
amino acid	acyl	F	Cl	O-cyclopropyl
amino acid	acyl	F	Cl	O-acetyl
amino acid	acyl	F	Cl	SH
amino acid	acyl	F	Cl	SMe
amino acid	acyl	F	Cl	SEt
amino acid	acyl	F	Cl	S-cyclopropyl
amino acid	acyl	F	Cl	F
amino acid	acyl	F	Cl	Br
amino acid	acyl	F	Cl	I
acyl	H	NH ₂	Cl	H
acyl	H	NH ₂	Cl	NH ₂
acyl	H	NH ₂	Cl	NH-cyclopropyl
acyl	H	NH ₂	Cl	NH-methyl
acyl	H	NH ₂	Cl	NH-ethyl
acyl	H	NH ₂	Cl	NH-acetyl
acyl	H	NH ₂	Cl	OH
acyl	H	NH ₂	Cl	OMe
acyl	H	NH ₂	Cl	OEt
acyl	H	NH ₂	Cl	O-cyclopropyl
acyl	H	NH ₂	Cl	O-acetyl
acyl	H	NH ₂	Cl	SH
acyl	H	NH ₂	Cl	SMe
acyl	H	NH ₂	Cl	SEt
acyl	H	NH ₂	Cl	S-cyclopropyl
acyl	H	NH ₂	Cl	F
acyl	H	NH ₂	Cl	Br
acyl	H	NH ₂	Cl	I
acyl	H	NH ₂	Cl	H
acyl	acyl	NH ₂	Cl	H
acyl	acyl	NH ₂	Cl	NH ₂
acyl	acyl	NH ₂	Cl	NH-cyclopropyl
acyl	acyl	NH ₂	Cl	NH-methyl
acyl	acyl	NH ₂	Cl	NH-ethyl
acyl	acyl	NH ₂	Cl	NH-acetyl
acyl	acyl	NH ₂	Cl	OH
acyl	acyl	NH ₂	Cl	OMe
acyl	acyl	NH ₂	Cl	OEt
acyl	acyl	NH ₂	Cl	O-cyclopropyl
acyl	acyl	NH ₂	Cl	O-acetyl
acyl	acyl	NH ₂	Cl	SH
acyl	acyl	NH ₂	Cl	SMe
acyl	acyl	NH ₂	Cl	SEt
acyl	acyl	NH ₂	Cl	S-cyclopropyl
acyl	acyl	NH ₂	Cl	F
acyl	acyl	NH ₂	Cl	Br
acyl	acyl	NH ₂	Cl	I
acyl	acyl	NH ₂	Cl	H
acyl	amino acid	NH ₂	Cl	H
acyl	amino acid	NH ₂	Cl	NH ₂
acyl	amino acid	NH ₂	Cl	NH-cyclopropyl
acyl	amino acid	NH ₂	Cl	NH-methyl
acyl	amino acid	NH ₂	Cl	NH-ethyl
acyl	amino acid	NH ₂	Cl	NH-acetyl
acyl	amino acid	NH ₂	Cl	OH
acyl	amino acid	NH ₂	Cl	OMe
acyl	amino acid	NH ₂	Cl	OEt
acyl	amino acid	NH ₂	Cl	O-cyclopropyl
acyl	amino acid	NH ₂	Cl	O-acetyl
acyl	amino acid	NH ₂	Cl	SH
acyl	amino acid	NH ₂	Cl	SMe
acyl	amino acid	NH ₂	Cl	SEt
acyl	amino acid	NH ₂	Cl	S-cyclopropyl
acyl	amino acid	NH ₂	Cl	F
acyl	amino acid	NH ₂	Cl	Br
acyl	amino acid	NH ₂	Cl	I
acyl	amino acid	NH ₂	Cl	H
H	acyl	NH ₂	Cl	NH ₂
H	acyl	NH ₂	Cl	NH-cyclopropyl
H	acyl	NH ₂	Cl	NH-methyl
H	acyl	NH ₂	Cl	NH-ethyl

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TABLE 13-continued

	R ²	R ³	X ¹	X ²	Y
5	H	acyl	NH ₂	Cl	NH-ethyl
	H	acyl	NH ₂	Cl	NH-acetyl
	H	acyl	NH ₂	Cl	OH
	H	acyl	NH ₂	Cl	OMe
	H	acyl	NH ₂	Cl	OEt
10	H	acyl	NH ₂	Cl	O-cyclopropyl
	H	acyl	NH ₂	Cl	O-acetyl
	H	acyl	NH ₂	Cl	SH
	H	acyl	NH ₂	Cl	SMe
	H	acyl	NH ₂	Cl	SEt
15	H	acyl	NH ₂	Cl	S-cyclopropyl
	H	acyl	NH ₂	Cl	F
	H	acyl	NH ₂	Cl	Cl
	H	acyl	NH ₂	Cl	Br
	H	acyl	NH ₂	Cl	I
20	H	amino acid	NH ₂	Cl	H
	H	amino acid	NH ₂	Cl	NH ₂
	H	amino acid	NH ₂	Cl	NH-cyclopropyl
	H	amino acid	NH ₂	Cl	NH-methyl
	H	amino acid	NH ₂	Cl	NH-ethyl
25	H	amino acid	NH ₂	Cl	NH-acetyl
	H	amino acid	NH ₂	Cl	OH
	H	amino acid	NH ₂	Cl	OMe
	H	amino acid	NH ₂	Cl	OEt
	H	amino acid	NH ₂	Cl	O-cyclopropyl
30	H	amino acid	NH ₂	Cl	O-acetyl
	H	amino acid	NH ₂	Cl	SH
	H	amino acid	NH ₂	Cl	SMe
	H	amino acid	NH ₂	Cl	SEt
	H	amino acid	NH ₂	Cl	S-cyclopropyl
35	H	amino acid	NH ₂	Cl	F
	H	amino acid	NH ₂	Cl	Cl
	H	amino acid	NH ₂	Cl	Br
	H	amino acid	NH ₂	Cl	I
	amino acid	amino acid	NH ₂	Cl	H
40	amino acid	amino acid	NH ₂	Cl	NH ₂
	amino acid	amino acid	NH ₂	Cl	NH-cyclopropyl
	amino acid	amino acid	NH ₂	Cl	NH-methyl
	amino acid	amino acid	NH ₂	Cl	NH-ethyl
	amino acid	amino acid	NH ₂	Cl	NH-acetyl
45	amino acid	amino acid	NH ₂	Cl	OH
	amino acid	amino acid	NH ₂	Cl	OMe
	amino acid	amino acid	NH ₂	Cl	OEt
	amino acid	amino acid	NH ₂	Cl	O-cyclopropyl
	amino acid	amino acid	NH ₂	Cl	O-acetyl
50	amino acid	amino acid	NH ₂	Cl	SH
	amino acid	amino acid	NH ₂	Cl	SMe
	amino acid	amino acid	NH ₂	Cl	SEt
	amino acid	amino acid	NH ₂	Cl	S-cyclopropyl
	amino acid	amino acid	NH ₂	Cl	F
55	amino acid	amino acid	NH ₂	Cl	Cl
	amino acid	amino acid	NH ₂	Cl	Br
	amino acid	amino acid	NH ₂	Cl	I
	amino acid	H	NH ₂	Cl	H
	amino acid	H	NH ₂	Cl	NH ₂
60	amino acid	H	NH ₂	Cl	NH-cyclopropyl
	amino acid	H	NH ₂	Cl	NH-methyl
	amino acid	H	NH ₂	Cl	NH-ethyl
	amino acid	H	NH ₂	Cl	NH-acetyl
	amino acid	H	NH ₂	Cl	OH
65	amino acid	H	NH ₂	Cl	OMe
	amino acid	H	NH ₂	Cl	OEt
	amino acid	H	NH ₂	Cl	O-cyclopropyl
	amino acid	H	NH ₂	Cl	O-acetyl
	amino acid	H	NH ₂	Cl	SH
70	amino acid	H	NH ₂	Cl	SMe
	amino acid	H	NH ₂	Cl	SEt
	amino acid	H	NH ₂	Cl	S-cyclopropyl
	amino acid	H	NH ₂	Cl	F
	amino acid	H	NH ₂	Cl	Cl
75	amino acid	H	NH ₂	Cl	Br
	amino acid	H	NH ₂	Cl	I
	amino acid	acyl	NH ₂	Cl	H
	amino acid	acyl	NH ₂	Cl	NH ₂
	amino acid	acyl	NH ₂	Cl	NH-cyclopropyl
80	amino acid	acyl	NH ₂	Cl	NH-methyl
	amino acid	acyl	NH ₂	Cl	NH-ethyl

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TABLE 13-continued

R ²	R ³	X ¹	X ²	Y
amino acid	acyl	NH ₂	Cl	NH-acetyl
amino acid	acyl	NH ₂	Cl	OH
amino acid	acyl	NH ₂	Cl	OMe
amino acid	acyl	NH ₂	Cl	OEt
amino acid	acyl	NH ₂	Cl	O-cyclopropyl
amino acid	acyl	NH ₂	Cl	O-acetyl
amino acid	acyl	NH ₂	Cl	SH
amino acid	acyl	NH ₂	Cl	SMe
amino acid	acyl	NH ₂	Cl	SEt
amino acid	acyl	NH ₂	Cl	S-cyclopropyl
amino acid	acyl	NH ₂	Cl	F
amino acid	acyl	NH ₂	Cl	Cl
amino acid	acyl	NH ₂	Cl	Br
amino acid	acyl	NH ₂	Cl	I
acyl	H	SH	Cl	H
acyl	H	SH	Cl	NH ₂
acyl	H	SH	Cl	NH-cyclopropyl
acyl	H	SH	Cl	NH-methyl
acyl	H	SH	Cl	NH-ethyl
acyl	H	SH	Cl	NH-acetyl
acyl	H	SH	Cl	OH
acyl	H	SH	Cl	OMe
acyl	H	SH	Cl	OEt
acyl	H	SH	Cl	O-cyclopropyl
acyl	H	SH	Cl	O-acetyl
acyl	H	SH	Cl	SH
acyl	H	SH	Cl	SMe
acyl	H	SH	Cl	SEt
acyl	H	SH	Cl	S-cyclopropyl
acyl	H	SH	Cl	F
acyl	H	SH	Cl	Cl
acyl	H	SH	Cl	Br
acyl	H	SH	Cl	I
acyl	H	SH	Cl	H
acyl	acyl	SH	Cl	NH ₂
acyl	acyl	SH	Cl	NH-cyclopropyl
acyl	acyl	SH	Cl	NH-methyl
acyl	acyl	SH	Cl	NH-ethyl
acyl	acyl	SH	Cl	NH-acetyl
acyl	acyl	SH	Cl	OH
acyl	acyl	SH	Cl	OMe
acyl	acyl	SH	Cl	OEt
acyl	acyl	SH	Cl	O-cyclopropyl
acyl	acyl	SH	Cl	O-acetyl
acyl	acyl	SH	Cl	SH
acyl	acyl	SH	Cl	SMe
acyl	acyl	SH	Cl	SEt
acyl	acyl	SH	Cl	S-cyclopropyl
acyl	acyl	SH	Cl	F
acyl	acyl	SH	Cl	Cl
acyl	acyl	SH	Cl	Br
acyl	acyl	SH	Cl	I
acyl	amino acid	SH	Cl	H
acyl	amino acid	SH	Cl	NH ₂
acyl	amino acid	SH	Cl	NH-cyclopropyl
acyl	amino acid	SH	Cl	NH-methyl
acyl	amino acid	SH	Cl	NH-ethyl
acyl	amino acid	SH	Cl	NH-acetyl
acyl	amino acid	SH	Cl	OH
acyl	amino acid	SH	Cl	OMe
acyl	amino acid	SH	Cl	OEt
acyl	amino acid	SH	Cl	O-cyclopropyl
acyl	amino acid	SH	Cl	O-acetyl
acyl	amino acid	SH	Cl	SH
acyl	amino acid	SH	Cl	SMe
acyl	amino acid	SH	Cl	SEt
acyl	amino acid	SH	Cl	S-cyclopropyl
acyl	amino acid	SH	Cl	F
acyl	amino acid	SH	Cl	Cl
acyl	amino acid	SH	Cl	Br
acyl	amino acid	SH	Cl	I
H	acyl	SH	Cl	H
H	acyl	SH	Cl	NH ₂
H	acyl	SH	Cl	NH-cyclopropyl
H	acyl	SH	Cl	NH-methyl
H	acyl	SH	Cl	NH-ethyl
H	acyl	SH	Cl	NH-acetyl
H	acyl	SH	Cl	OH
H	acyl	SH	Cl	OMe
H	acyl	SH	Cl	OEt
H	acyl	SH	Cl	O-cyclopropyl
H	acyl	SH	Cl	O-acetyl
H	acyl	SH	Cl	SH
H	acyl	SH	Cl	SMe
H	acyl	SH	Cl	SEt
H	acyl	SH	Cl	S-cyclopropyl
H	acyl	SH	Cl	F
H	acyl	SH	Cl	Cl
H	acyl	SH	Cl	Br
H	acyl	SH	Cl	I
H	acyl	SH	Cl	H
H	acyl	SH	Cl	NH ₂
H	acyl	SH	Cl	NH-cyclopropyl
H	acyl	SH	Cl	NH-methyl
H	acyl	SH	Cl	NH-ethyl
H	acyl	SH	Cl	NH-acetyl
H	acyl	SH	Cl	OH

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TABLE 13-continued

	R ²	R ³	X ¹	X ²	Y
5	H	acyl	SH	Cl	OH
	H	acyl	SH	Cl	OMe
	H	acyl	SH	Cl	OEt
	H	acyl	SH	Cl	O-cyclopropyl
	H	acyl	SH	Cl	O-acetyl
10	H	acyl	SH	Cl	SH
	H	acyl	SH	Cl	SMe
	H	acyl	SH	Cl	SEt
	H	acyl	SH	Cl	S-cyclopropyl
	H	acyl	SH	Cl	F
15	H	acyl	SH	Cl	Cl
	H	acyl	SH	Cl	Br
	H	acyl	SH	Cl	I
	H	amino acid	SH	Cl	H
	H	amino acid	SH	Cl	NH ₂
20	H	amino acid	SH	Cl	NH-cyclopropyl
	H	amino acid	SH	Cl	NH-methyl
	H	amino acid	SH	Cl	NH-ethyl
	H	amino acid	SH	Cl	NH-acetyl
	H	amino acid	SH	Cl	OH
25	H	amino acid	SH	Cl	OMe
	H	amino acid	SH	Cl	OEt
	H	amino acid	SH	Cl	O-cyclopropyl
	H	amino acid	SH	Cl	O-acetyl
	H	amino acid	SH	Cl	SH
30	H	amino acid	SH	Cl	SMe
	H	amino acid	SH	Cl	SEt
	H	amino acid	SH	Cl	S-cyclopropyl
	H	amino acid	SH	Cl	F
	H	amino acid	SH	Cl	Cl
35	H	amino acid	SH	Cl	Br
	H	amino acid	SH	Cl	I
	amino acid	amino acid	SH	Cl	H
	amino acid	amino acid	SH	Cl	NH ₂
	amino acid	amino acid	SH	Cl	NH-cyclopropyl
40	amino acid	amino acid	SH	Cl	NH-methyl
	amino acid	amino acid	SH	Cl	NH-ethyl
	amino acid	amino acid	SH	Cl	NH-acetyl
	amino acid	amino acid	SH	Cl	OH
	amino acid	amino acid	SH	Cl	OMe
45	amino acid	amino acid	SH	Cl	OEt
	amino acid	amino acid	SH	Cl	O-cyclopropyl
	amino acid	amino acid	SH	Cl	O-acetyl
	amino acid	amino acid	SH	Cl	SH
	amino acid	amino acid	SH	Cl	SMe
50	amino acid	amino acid	SH	Cl	SEt
	amino acid	amino acid	SH	Cl	S-cyclopropyl
	amino acid	amino acid	SH	Cl	F
	amino acid	amino acid	SH	Cl	Cl
	amino acid	amino acid	SH	Cl	Br
55	amino acid	amino acid	SH	Cl	I
	amino acid	H	SH	Cl	H
	amino acid	H	SH	Cl	NH ₂
	amino acid	H	SH	Cl	NH-cyclopropyl
	amino acid	H	SH	Cl	NH-methyl
60	amino acid	H	SH	Cl	NH-ethyl
	amino acid	H	SH	Cl	NH-acetyl
	amino acid	H	SH	Cl	OH
	amino acid	H	SH	Cl	OMe
	amino acid	H	SH	Cl	OEt
65	amino acid	H	SH	Cl	O-cyclopropyl
	amino acid	H	SH	Cl	O-acetyl
	amino acid	H	SH	Cl	SH
	amino acid	H	SH	Cl	SMe
	amino acid	H	SH	Cl	SEt
70	amino acid	H	SH	Cl	S-cyclopropyl
	amino acid	H	SH	Cl	F
	amino acid	H	SH	Cl	Cl
	amino acid	H	SH	Cl	Br
	amino acid	H	SH	Cl	I
75	amino acid	acyl	SH	Cl	H
	amino acid	acyl	SH	Cl	NH ₂
	amino acid	acyl	SH	Cl	NH-cyclopropyl
	amino acid	acyl	SH	Cl	NH-methyl
	amino acid	acyl	SH	Cl	NH-ethyl
80	amino acid	acyl	SH	Cl	NH-acetyl
	amino acid	acyl	SH	Cl	OH

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TABLE 13-continued

R ²	R ³	X ¹	X ²	Y
amino acid	acyl	SH	Cl	OMe
amino acid	acyl	SH	Cl	OEt
amino acid	acyl	SH	Cl	O-cyclopropyl
amino acid	acyl	SH	Cl	O-acetyl
amino acid	acyl	SH	Cl	SH
amino acid	acyl	SH	Cl	SMe
amino acid	acyl	SH	Cl	SEt
amino acid	acyl	SH	Cl	S-cyclopropyl
amino acid	acyl	SH	Cl	F
amino acid	acyl	SH	Cl	Cl
amino acid	acyl	SH	Cl	Br
amino acid	acyl	SH	Cl	I
acyl	H	OH	Cl	H
acyl	H	OH	Cl	NH ₂
acyl	H	OH	Cl	NH-cyclopropyl
acyl	H	OH	Cl	NH-methyl
acyl	H	OH	Cl	NH-ethyl
acyl	H	OH	Cl	NH-acetyl
acyl	H	OH	Cl	OH
acyl	H	OH	Cl	OMe
acyl	H	OH	Cl	OEt
acyl	H	OH	Cl	O-cyclopropyl
acyl	H	OH	Cl	O-acetyl
acyl	H	OH	Cl	SH
acyl	H	OH	Cl	SMe
acyl	H	OH	Cl	SEt
acyl	H	OH	Cl	S-cyclopropyl
acyl	H	OH	Cl	F
acyl	H	OH	Cl	Cl
acyl	H	OH	Cl	Br
acyl	H	OH	Cl	I
acyl	H	OH	Cl	H
acyl	acyl	OH	Cl	NH ₂
acyl	acyl	OH	Cl	NH-cyclopropyl
acyl	acyl	OH	Cl	NH-methyl
acyl	acyl	OH	Cl	NH-ethyl
acyl	acyl	OH	Cl	NH-acetyl
acyl	acyl	OH	Cl	OH
acyl	acyl	OH	Cl	OMe
acyl	acyl	OH	Cl	OEt
acyl	acyl	OH	Cl	O-cyclopropyl
acyl	acyl	OH	Cl	O-acetyl
acyl	acyl	OH	Cl	SH
acyl	acyl	OH	Cl	SMe
acyl	acyl	OH	Cl	SEt
acyl	acyl	OH	Cl	S-cyclopropyl
acyl	acyl	OH	Cl	F
acyl	acyl	OH	Cl	Cl
acyl	acyl	OH	Cl	Br
acyl	acyl	OH	Cl	I
acyl	amino acid	OH	Cl	H
acyl	amino acid	OH	Cl	NH ₂
acyl	amino acid	OH	Cl	NH-cyclopropyl
acyl	amino acid	OH	Cl	NH-methyl
acyl	amino acid	OH	Cl	NH-ethyl
acyl	amino acid	OH	Cl	NH-acetyl
acyl	amino acid	OH	Cl	OH
acyl	amino acid	OH	Cl	OMe
acyl	amino acid	OH	Cl	OEt
acyl	amino acid	OH	Cl	O-cyclopropyl
acyl	amino acid	OH	Cl	O-acetyl
acyl	amino acid	OH	Cl	SH
acyl	amino acid	OH	Cl	SMe
acyl	amino acid	OH	Cl	SEt
acyl	amino acid	OH	Cl	S-cyclopropyl
acyl	amino acid	OH	Cl	F
acyl	amino acid	OH	Cl	Cl
acyl	amino acid	OH	Cl	Br
acyl	amino acid	OH	Cl	I
H	acyl	OH	Cl	H
H	acyl	OH	Cl	NH ₂
H	acyl	OH	Cl	NH-cyclopropyl
H	acyl	OH	Cl	NH-methyl
H	acyl	OH	Cl	NH-ethyl
H	acyl	OH	Cl	NH-acetyl
H	acyl	OH	Cl	OH
H	acyl	OH	Cl	OMe

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TABLE 13-continued

	R ²	R ³	X ¹	X ²	Y
5	H	acyl	OH	Cl	OEt
	H	acyl	OH	Cl	O-cyclopropyl
	H	acyl	OH	Cl	O-acetyl
	H	acyl	OH	Cl	SH
	H	acyl	OH	Cl	SMe
	H	acyl	OH	Cl	SEt
10	H	acyl	OH	Cl	S-cyclopropyl
	H	acyl	OH	Cl	F
	H	acyl	OH	Cl	Cl
	H	acyl	OH	Cl	Br
	H	acyl	OH	Cl	I
	H	amino acid	OH	Cl	H
15	H	amino acid	OH	Cl	NH ₂
	H	amino acid	OH	Cl	NH-cyclopropyl
	H	amino acid	OH	Cl	NH-methyl
	H	amino acid	OH	Cl	NH-ethyl
	H	amino acid	OH	Cl	NH-acetyl
	H	amino acid	OH	Cl	OH
20	H	amino acid	OH	Cl	OMe
	H	amino acid	OH	Cl	OEt
	H	amino acid	OH	Cl	O-cyclopropyl
	H	amino acid	OH	Cl	O-acetyl
	H	amino acid	OH	Cl	SH
	H	amino acid	OH	Cl	SMe
	H	amino acid	OH	Cl	SEt
25	H	amino acid	OH	Cl	S-cyclopropyl
	H	amino acid	OH	Cl	F
	H	amino acid	OH	Cl	Cl
	H	amino acid	OH	Cl	Br
	H	amino acid	OH	Cl	I
	amino acid	amino acid	OH	Cl	H
30	amino acid	amino acid	OH	Cl	NH ₂
	amino acid	amino acid	OH	Cl	NH-cyclopropyl
	amino acid	amino acid	OH	Cl	NH-methyl
	amino acid	amino acid	OH	Cl	NH-ethyl
	amino acid	amino acid	OH	Cl	NH-acetyl
	amino acid	amino acid	OH	Cl	OH
35	amino acid	amino acid	OH	Cl	OMe
	amino acid	amino acid	OH	Cl	OEt
	amino acid	amino acid	OH	Cl	O-cyclopropyl
	amino acid	amino acid	OH	Cl	O-acetyl
	amino acid	amino acid	OH	Cl	SH
	amino acid	amino acid	OH	Cl	SMe
	amino acid	amino acid	OH	Cl	SEt
40	amino acid	amino acid	OH	Cl	S-cyclopropyl
	amino acid	amino acid	OH	Cl	F
	amino acid	amino acid	OH	Cl	Cl
	amino acid	amino acid	OH	Cl	Br
	amino acid	amino acid	OH	Cl	I
	amino acid	H	OH	Cl	H
45	amino acid	H	OH	Cl	NH ₂
	amino acid	H	OH	Cl	NH-cyclopropyl
	amino acid	H	OH	Cl	NH-methyl
	amino acid	H	OH	Cl	NH-ethyl
	amino acid	H	OH	Cl	NH-acetyl
	amino acid	H	OH	Cl	OH
50	amino acid	H	OH	Cl	OMe
	amino acid	H	OH	Cl	OEt
	amino acid	H	OH	Cl	O-cyclopropyl
	amino acid	H	OH	Cl	O-acetyl
	amino acid	H	OH	Cl	SH
	amino acid	H	OH	Cl	SMe
55	amino acid	H	OH	Cl	SEt
	amino acid	H	OH	Cl	S-cyclopropyl
	amino acid	H	OH	Cl	F
	amino acid	H	OH	Cl	Cl
	amino acid	H	OH	Cl	Br
	amino acid	H	OH	Cl	I
	amino acid	acyl	OH	Cl	H
60	amino acid	acyl	OH	Cl	NH ₂
	amino acid	acyl	OH	Cl	NH-cyclopropyl
	amino acid	acyl	OH	Cl	NH-methyl
	amino acid	acyl	OH	Cl	NH-ethyl
	amino acid	acyl	OH	Cl	NH-acetyl
	amino acid	acyl	OH	Cl	OH
65	amino acid	acyl	OH	Cl	OMe
	amino acid	acyl	OH	Cl	OEt

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TABLE 13-continued

R ²	R ³	X ¹	X ²	Y
amino acid	acyl	OH	Cl	O-cyclopropyl
amino acid	acyl	OH	Cl	O-acetyl
amino acid	acyl	OH	Cl	SH
amino acid	acyl	OH	Cl	SMe
amino acid	acyl	OH	Cl	SEt
amino acid	acyl	OH	Cl	S-cyclopropyl
amino acid	acyl	OH	Cl	F
amino acid	acyl	OH	Cl	Cl
amino acid	acyl	OH	Cl	Br
amino acid	acyl	OH	Cl	I
acyl	H	CH ₃	F	H
acyl	H	CH ₃	F	NH ₂
acyl	H	CH ₃	F	NH-cyclopropyl
acyl	H	CH ₃	F	NH-methyl
acyl	H	CH ₃	F	NH-ethyl
acyl	H	CH ₃	F	NH-acetyl
acyl	H	CH ₃	F	OH
acyl	H	CH ₃	F	OMe
acyl	H	CH ₃	F	OEt
acyl	H	CH ₃	F	O-cyclopropyl
acyl	H	CH ₃	F	O-acetyl
acyl	H	CH ₃	F	SH
acyl	H	CH ₃	F	SMe
acyl	H	CH ₃	F	SEt
acyl	H	CH ₃	F	S-cyclopropyl
acyl	H	CH ₃	F	F
acyl	H	CH ₃	F	Cl
acyl	H	CH ₃	F	Br
acyl	H	CH ₃	F	I
acyl	acyl	CH ₃	F	H
acyl	acyl	CH ₃	F	NH ₂
acyl	acyl	CH ₃	F	NH-cyclopropyl
acyl	acyl	CH ₃	F	NH-methyl
acyl	acyl	CH ₃	F	NH-ethyl
acyl	acyl	CH ₃	F	NH-acetyl
acyl	acyl	CH ₃	F	OH
acyl	acyl	CH ₃	F	OMe
acyl	acyl	CH ₃	F	OEt
acyl	acyl	CH ₃	F	O-cyclopropyl
acyl	acyl	CH ₃	F	O-acetyl
acyl	acyl	CH ₃	F	SH
acyl	acyl	CH ₃	F	SMe
acyl	acyl	CH ₃	F	SEt
acyl	acyl	CH ₃	F	S-cyclopropyl
acyl	acyl	CH ₃	F	F
acyl	acyl	CH ₃	F	Cl
acyl	acyl	CH ₃	F	Br
acyl	acyl	CH ₃	F	I
acyl	amino acid	CH ₃	F	H
acyl	amino acid	CH ₃	F	NH ₂
acyl	amino acid	CH ₃	F	NH-cyclopropyl
acyl	amino acid	CH ₃	F	NH-methyl
acyl	amino acid	CH ₃	F	NH-ethyl
acyl	amino acid	CH ₃	F	NH-acetyl
acyl	amino acid	CH ₃	F	OH
acyl	amino acid	CH ₃	F	OMe
acyl	amino acid	CH ₃	F	OEt
acyl	amino acid	CH ₃	F	O-cyclopropyl
acyl	amino acid	CH ₃	F	O-acetyl
acyl	amino acid	CH ₃	F	SH
acyl	amino acid	CH ₃	F	SMe
acyl	amino acid	CH ₃	F	SEt
acyl	amino acid	CH ₃	F	S-cyclopropyl
acyl	amino acid	CH ₃	F	F
acyl	amino acid	CH ₃	F	Cl
acyl	amino acid	CH ₃	F	Br
acyl	amino acid	CH ₃	F	I
H	acyl	CH ₃	F	H
H	acyl	CH ₃	F	NH ₂
H	acyl	CH ₃	F	NH-cyclopropyl
H	acyl	CH ₃	F	NH-methyl
H	acyl	CH ₃	F	NH-ethyl
H	acyl	CH ₃	F	NH-acetyl
H	acyl	CH ₃	F	OH
H	acyl	CH ₃	F	OMe
H	acyl	CH ₃	F	OEt
H	acyl	CH ₃	F	O-cyclopropyl

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TABLE 13-continued

	R ²	R ³	X ¹	X ²	Y
5	H	acyl	CH ₃	F	O-acetyl
	H	acyl	CH ₃	F	SH
	H	acyl	CH ₃	F	SMe
	H	acyl	CH ₃	F	SEt
	H	acyl	CH ₃	F	S-cyclopropyl
	H	acyl	CH ₃	F	F
10	H	acyl	CH ₃	F	Cl
	H	acyl	CH ₃	F	Br
	H	acyl	CH ₃	F	I
	H	amino acid	CH ₃	F	H
	H	amino acid	CH ₃	F	NH ₂
	H	amino acid	CH ₃	F	NH-cyclopropyl
15	H	amino acid	CH ₃	F	NH-methyl
	H	amino acid	CH ₃	F	NH-ethyl
	H	amino acid	CH ₃	F	NH-acetyl
	H	amino acid	CH ₃	F	OH
	H	amino acid	CH ₃	F	OMe
	H	amino acid	CH ₃	F	OEt
	H	amino acid	CH ₃	F	O-cyclopropyl
20	H	amino acid	CH ₃	F	O-acetyl
	H	amino acid	CH ₃	F	SH
	H	amino acid	CH ₃	F	SMe
	H	amino acid	CH ₃	F	SEt
	H	amino acid	CH ₃	F	S-cyclopropyl
	H	amino acid	CH ₃	F	F
25	H	amino acid	CH ₃	F	Cl
	H	amino acid	CH ₃	F	Br
	H	amino acid	CH ₃	F	I
	amino acid	amino acid	CH ₃	F	H
	amino acid	amino acid	CH ₃	F	NH ₂
	amino acid	amino acid	CH ₃	F	NH-cyclopropyl
30	amino acid	amino acid	CH ₃	F	NH-methyl
	amino acid	amino acid	CH ₃	F	NH-ethyl
	amino acid	amino acid	CH ₃	F	NH-acetyl
	amino acid	amino acid	CH ₃	F	OH
	amino acid	amino acid	CH ₃	F	OMe
	amino acid	amino acid	CH ₃	F	OEt
35	amino acid	amino acid	CH ₃	F	O-cyclopropyl
	amino acid	amino acid	CH ₃	F	O-acetyl
	amino acid	amino acid	CH ₃	F	SH
	amino acid	amino acid	CH ₃	F	SMe
	amino acid	amino acid	CH ₃	F	SEt
	amino acid	amino acid	CH ₃	F	S-cyclopropyl
40	amino acid	amino acid	CH ₃	F	F
	amino acid	amino acid	CH ₃	F	Cl
	amino acid	amino acid	CH ₃	F	Br
	amino acid	amino acid	CH ₃	F	I
	amino acid	H	CH ₃	F	H
	amino acid	H	CH ₃	F	NH ₂
45	amino acid	H	CH ₃	F	NH-cyclopropyl
	amino acid	H	CH ₃	F	NH-methyl
	amino acid	H	CH ₃	F	NH-ethyl
	amino acid	H	CH ₃	F	NH-acetyl
	amino acid	H	CH ₃	F	OH
	amino acid	H	CH ₃	F	OMe
	amino acid	H	CH ₃	F	OEt
50	amino acid	H	CH ₃	F	O-cyclopropyl
	amino acid	H	CH ₃	F	O-acetyl
	amino acid	H	CH ₃	F	SH
	amino acid	H	CH ₃	F	SMe
	amino acid	H	CH ₃	F	SEt
	amino acid	H	CH ₃	F	S-cyclopropyl
55	amino acid	H	CH ₃	F	F
	amino acid	H	CH ₃	F	Cl
	amino acid	H	CH ₃	F	Br
	amino acid	H	CH ₃	F	I
	amino acid	acyl	CH ₃	F	H
	amino acid	acyl	CH ₃	F	NH ₂
	amino acid	acyl	CH ₃	F	NH-cyclopropyl
60	amino acid	acyl	CH ₃	F	NH-methyl
	amino acid	acyl	CH ₃	F	NH-ethyl
	amino acid	acyl	CH ₃	F	NH-acetyl
	amino acid	acyl	CH ₃	F	OH
	amino acid	acyl	CH ₃	F	OMe
	amino acid	acyl	CH ₃	F	OEt
65	amino acid	acyl	CH ₃	F	O-cyclopropyl
	amino acid	acyl	CH ₃	F	O-acetyl

TABLE 13-continued

R ²	R ³	X ¹	X ²	Y
amino acid	acyl	CH ₃	F	SH
amino acid	acyl	CH ₃	F	SMe
amino acid	acyl	CH ₃	F	SEt
amino acid	acyl	CH ₃	F	S-cyclopropyl
amino acid	acyl	CH ₃	F	F
amino acid	acyl	CH ₃	F	Cl
amino acid	acyl	CH ₃	F	Br
amino acid	acyl	CH ₃	F	I
acyl	H	CF ₃	F	H
acyl	H	CF ₃	F	NH ₂
acyl	H	CF ₃	F	NH-cyclopropyl
acyl	H	CF ₃	F	NH-methyl
acyl	H	CF ₃	F	NH-ethyl
acyl	H	CF ₃	F	NH-acetyl
acyl	H	CF ₃	F	OH
acyl	H	CF ₃	F	OMe
acyl	H	CF ₃	F	OEt
acyl	H	CF ₃	F	O-cyclopropyl
acyl	H	CF ₃	F	O-acetyl
acyl	H	CF ₃	F	SH
acyl	H	CF ₃	F	SMe
acyl	H	CF ₃	F	SEt
acyl	H	CF ₃	F	S-cyclopropyl
acyl	H	CF ₃	F	F
acyl	H	CF ₃	F	Cl
acyl	H	CF ₃	F	Br
acyl	H	CF ₃	F	I
acyl	acyl	CF ₃	F	H
acyl	acyl	CF ₃	F	NH ₂
acyl	acyl	CF ₃	F	NH-cyclopropyl
acyl	acyl	CF ₃	F	NH-methyl
acyl	acyl	CF ₃	F	NH-ethyl
acyl	acyl	CF ₃	F	NH-acetyl
acyl	acyl	CF ₃	F	OH
acyl	acyl	CF ₃	F	OMe
acyl	acyl	CF ₃	F	OEt
acyl	acyl	CF ₃	F	O-cyclopropyl
acyl	acyl	CF ₃	F	O-acetyl
acyl	acyl	CF ₃	F	SH
acyl	acyl	CF ₃	F	SMe
acyl	acyl	CF ₃	F	SEt
acyl	acyl	CF ₃	F	S-cyclopropyl
acyl	acyl	CF ₃	F	F
acyl	acyl	CF ₃	F	Cl
acyl	acyl	CF ₃	F	Br
acyl	acyl	CF ₃	F	I
acyl	amino acid	CF ₃	F	H
acyl	amino acid	CF ₃	F	NH ₂
acyl	amino acid	CF ₃	F	NH-cyclopropyl
acyl	amino acid	CF ₃	F	NH-methyl
acyl	amino acid	CF ₃	F	NH-ethyl
acyl	amino acid	CF ₃	F	NH-acetyl
acyl	amino acid	CF ₃	F	OH
acyl	amino acid	CF ₃	F	OMe
acyl	amino acid	CF ₃	F	OEt
acyl	amino acid	CF ₃	F	O-cyclopropyl
acyl	amino acid	CF ₃	F	O-acetyl
acyl	amino acid	CF ₃	F	SH
acyl	amino acid	CF ₃	F	SMe
acyl	amino acid	CF ₃	F	SEt
acyl	amino acid	CF ₃	F	S-cyclopropyl
acyl	amino acid	CF ₃	F	F
acyl	amino acid	CF ₃	F	Cl
acyl	amino acid	CF ₃	F	Br
acyl	amino acid	CF ₃	F	I
H	acyl	CF ₃	F	H
H	acyl	CF ₃	F	NH ₂
H	acyl	CF ₃	F	NH-cyclopropyl
H	acyl	CF ₃	F	NH-methyl
H	acyl	CF ₃	F	NH-ethyl
H	acyl	CF ₃	F	NH-acetyl
H	acyl	CF ₃	F	OH
H	acyl	CF ₃	F	OMe
H	acyl	CF ₃	F	OEt
H	acyl	CF ₃	F	O-cyclopropyl
H	acyl	CF ₃	F	O-acetyl
H	acyl	CF ₃	F	SH
H	acyl	CF ₃	F	SMe
H	acyl	CF ₃	F	SEt
H	acyl	CF ₃	F	S-cyclopropyl
H	acyl	CF ₃	F	F
H	acyl	CF ₃	F	Cl
H	acyl	CF ₃	F	Br
H	acyl	CF ₃	F	I

TABLE 13-continued

	R ²	R ³	X ¹	X ²	Y
5	H	acyl	CF ₃	F	SMe
	H	acyl	CF ₃	F	SEt
	H	acyl	CF ₃	F	S-cyclopropyl
	H	acyl	CF ₃	F	F
	H	acyl	CF ₃	F	Cl
10	H	acyl	CF ₃	F	Br
	H	acyl	CF ₃	F	I
	H	amino acid	CF ₃	F	H
	H	amino acid	CF ₃	F	NH ₂
	H	amino acid	CF ₃	F	NH-cyclopropyl
15	H	amino acid	CF ₃	F	NH-methyl
	H	amino acid	CF ₃	F	NH-ethyl
	H	amino acid	CF ₃	F	NH-acetyl
	H	amino acid	CF ₃	F	OH
	H	amino acid	CF ₃	F	OMe
20	H	amino acid	CF ₃	F	OEt
	H	amino acid	CF ₃	F	O-cyclopropyl
	H	amino acid	CF ₃	F	O-acetyl
	H	amino acid	CF ₃	F	SH
	H	amino acid	CF ₃	F	SMe
25	H	amino acid	CF ₃	F	SEt
	H	amino acid	CF ₃	F	S-cyclopropyl
	H	amino acid	CF ₃	F	F
	H	amino acid	CF ₃	F	Cl
	H	amino acid	CF ₃	F	Br
30	H	amino acid	CF ₃	F	I
	amino acid	amino acid	CF ₃	F	H
	amino acid	amino acid	CF ₃	F	NH ₂
	amino acid	amino acid	CF ₃	F	NH-cyclopropyl
	amino acid	amino acid	CF ₃	F	NH-methyl
35	amino acid	amino acid	CF ₃	F	NH-ethyl
	amino acid	amino acid	CF ₃	F	NH-acetyl
	amino acid	amino acid	CF ₃	F	OH
	amino acid	amino acid	CF ₃	F	OMe
	amino acid	amino acid	CF ₃	F	OEt
40	amino acid	amino acid	CF ₃	F	O-cyclopropyl
	amino acid	amino acid	CF ₃	F	O-acetyl
	amino acid	amino acid	CF ₃	F	SH
	amino acid	amino acid	CF ₃	F	SMe
	amino acid	amino acid	CF ₃	F	SEt
45	amino acid	amino acid	CF ₃	F	S-cyclopropyl
	amino acid	amino acid	CF ₃	F	F
	amino acid	amino acid	CF ₃	F	Cl
	amino acid	amino acid	CF ₃	F	Br
	amino acid	amino acid	CF ₃	F	I
50	amino acid	H	CF ₃	F	H
	amino acid	H	CF ₃	F	NH ₂
	amino acid	H	CF ₃	F	NH-cyclopropyl
	amino acid	H	CF ₃	F	NH-methyl
	amino acid	H	CF ₃	F	NH-ethyl
55	amino acid	H	CF ₃	F	NH-acetyl
	amino acid	H	CF ₃	F	OH
	amino acid	H	CF ₃	F	OMe
	amino acid	H	CF ₃	F	OEt
	amino acid	H	CF ₃	F	O-cyclopropyl
60	amino acid	H	CF ₃	F	O-acetyl
	amino acid	H	CF ₃	F	SH
	amino acid	H	CF ₃	F	SMe
	amino acid	H	CF ₃	F	SEt
	amino acid	H	CF ₃	F	S-cyclopropyl
65	amino acid	H	CF ₃	F	F
	amino acid	H	CF ₃	F	Cl
	amino acid	H	CF ₃	F	Br
	amino acid	H	CF ₃	F	I
	amino acid	acyl	CF ₃	F	H
70	amino acid	acyl	CF ₃	F	NH ₂
	amino acid	acyl	CF ₃	F	NH-cyclopropyl
	amino acid	acyl	CF ₃	F	NH-methyl
	amino acid	acyl	CF ₃	F	NH-ethyl
	amino acid	acyl	CF ₃	F	NH-acetyl
75	amino acid	acyl	CF ₃	F	OH
	amino acid	acyl	CF ₃	F	OMe
	amino acid	acyl	CF ₃	F	OEt
	amino acid	acyl	CF ₃	F	O-cyclopropyl
	amino acid	acyl	CF ₃	F	O-acetyl
80	amino acid	acyl	CF ₃	F	SH
	amino acid	acyl	CF ₃	F	SMe

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TABLE 13-continued

R ²	R ³	X ¹	X ²	Y
amino acid	acyl	CF ₃	F	SEt
amino acid	acyl	CF ₃	F	S-cyclopropyl
amino acid	acyl	CF ₃	F	F
amino acid	acyl	CF ₃	F	Cl
amino acid	acyl	CF ₃	F	Br
amino acid	acyl	CF ₃	F	I
acyl	H	Br	F	H
acyl	H	Br	F	NH ₂
acyl	H	Br	F	NH-cyclopropyl
acyl	H	Br	F	NH-methyl
acyl	H	Br	F	NH-ethyl
acyl	H	Br	F	NH-acetyl
acyl	H	Br	F	OH
acyl	H	Br	F	OMe
acyl	H	Br	F	OEt
acyl	H	Br	F	O-cyclopropyl
acyl	H	Br	F	O-acetyl
acyl	H	Br	F	SH
acyl	H	Br	F	SMe
acyl	H	Br	F	SEt
acyl	H	Br	F	S-cyclopropyl
acyl	H	Br	F	F
acyl	H	Br	F	Cl
acyl	H	Br	F	Br
acyl	H	Br	F	I
acyl	acyl	Br	F	H
acyl	acyl	Br	F	NH ₂
acyl	acyl	Br	F	NH-cyclopropyl
acyl	acyl	Br	F	NH-methyl
acyl	acyl	Br	F	NH-ethyl
acyl	acyl	Br	F	NH-acetyl
acyl	acyl	Br	F	OH
acyl	acyl	Br	F	OMe
acyl	acyl	Br	F	OEt
acyl	acyl	Br	F	O-cyclopropyl
acyl	acyl	Br	F	O-acetyl
acyl	acyl	Br	F	SH
acyl	acyl	Br	F	SMe
acyl	acyl	Br	F	SEt
acyl	acyl	Br	F	S-cyclopropyl
acyl	acyl	Br	F	F
acyl	acyl	Br	F	Cl
acyl	acyl	Br	F	Br
acyl	acyl	Br	F	I
acyl	amino acid	Br	F	H
acyl	amino acid	Br	F	NH ₂
acyl	amino acid	Br	F	NH-cyclopropyl
acyl	amino acid	Br	F	NH-methyl
acyl	amino acid	Br	F	NH-ethyl
acyl	amino acid	Br	F	NH-acetyl
acyl	amino acid	Br	F	OH
acyl	amino acid	Br	F	OMe
acyl	amino acid	Br	F	OEt
acyl	amino acid	Br	F	O-cyclopropyl
acyl	amino acid	Br	F	O-acetyl
acyl	amino acid	Br	F	SH
acyl	amino acid	Br	F	SMe
acyl	amino acid	Br	F	SEt
acyl	amino acid	Br	F	S-cyclopropyl
acyl	amino acid	Br	F	F
acyl	amino acid	Br	F	Cl
acyl	amino acid	Br	F	Br
acyl	amino acid	Br	F	I
H	acyl	Br	F	H
H	acyl	Br	F	NH ₂
H	acyl	Br	F	NH-cyclopropyl
H	acyl	Br	F	NH-methyl
H	acyl	Br	F	NH-ethyl
H	acyl	Br	F	NH-acetyl
H	acyl	Br	F	OH
H	acyl	Br	F	OMe
H	acyl	Br	F	OEt
H	acyl	Br	F	O-cyclopropyl
H	acyl	Br	F	O-acetyl
H	acyl	Br	F	SH
H	acyl	Br	F	SMe
H	acyl	Br	F	SEt

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TABLE 13-continued

	R ²	R ³	X ¹	X ²	Y
5	H	acyl	Br	F	S-cyclopropyl
	H	acyl	Br	F	F
	H	acyl	Br	F	Cl
	H	acyl	Br	F	Br
	H	acyl	Br	F	I
	H	amino acid	Br	F	H
10	H	amino acid	Br	F	NH ₂
	H	amino acid	Br	F	NH-cyclopropyl
	H	amino acid	Br	F	NH-methyl
	H	amino acid	Br	F	NH-ethyl
	H	amino acid	Br	F	NH-acetyl
	H	amino acid	Br	F	OH
15	H	amino acid	Br	F	OMe
	H	amino acid	Br	F	OEt
	H	amino acid	Br	F	O-cyclopropyl
	H	amino acid	Br	F	O-acetyl
	H	amino acid	Br	F	SH
	H	amino acid	Br	F	SMe
	H	amino acid	Br	F	SEt
20	H	amino acid	Br	F	S-cyclopropyl
	H	amino acid	Br	F	F
	H	amino acid	Br	F	Cl
	H	amino acid	Br	F	Br
	H	amino acid	Br	F	I
25	amino acid	amino acid	Br	F	H
	amino acid	amino acid	Br	F	NH ₂
	amino acid	amino acid	Br	F	NH-cyclopropyl
	amino acid	amino acid	Br	F	NH-methyl
	amino acid	amino acid	Br	F	NH-ethyl
	amino acid	amino acid	Br	F	NH-acetyl
	amino acid	amino acid	Br	F	OH
30	amino acid	amino acid	Br	F	OMe
	amino acid	amino acid	Br	F	OEt
	amino acid	amino acid	Br	F	O-cyclopropyl
	amino acid	amino acid	Br	F	O-acetyl
	amino acid	amino acid	Br	F	SH
	amino acid	amino acid	Br	F	SMe
	amino acid	amino acid	Br	F	SEt
35	amino acid	amino acid	Br	F	S-cyclopropyl
	amino acid	amino acid	Br	F	F
	amino acid	amino acid	Br	F	Cl
	amino acid	amino acid	Br	F	Br
	amino acid	amino acid	Br	F	I
40	amino acid	H	Br	F	H
	amino acid	H	Br	F	NH ₂
	amino acid	H	Br	F	NH-cyclopropyl
	amino acid	H	Br	F	NH-methyl
	amino acid	H	Br	F	NH-ethyl
	amino acid	H	Br	F	NH-acetyl
	amino acid	H	Br	F	OH
45	amino acid	H	Br	F	OMe
	amino acid	H	Br	F	OEt
	amino acid	H	Br	F	O-cyclopropyl
	amino acid	H	Br	F	O-acetyl
	amino acid	H	Br	F	SH
	amino acid	H	Br	F	SMe
	amino acid	H	Br	F	SEt
50	amino acid	H	Br	F	S-cyclopropyl
	amino acid	H	Br	F	F
	amino acid	H	Br	F	Cl
	amino acid	H	Br	F	Br
	amino acid	H	Br	F	I
55	amino acid	acyl	Br	F	H
	amino acid	acyl	Br	F	NH ₂
	amino acid	acyl	Br	F	NH-cyclopropyl
	amino acid	acyl	Br	F	NH-methyl
	amino acid	acyl	Br	F	NH-ethyl
	amino acid	acyl	Br	F	NH-acetyl
	amino acid	acyl	Br	F	OH
	amino acid	acyl	Br	F	OMe
	amino acid	acyl	Br	F	OEt
	amino acid	acyl	Br	F	O-cyclopropyl
	amino acid	acyl	Br	F	O-acetyl
	amino acid	acyl	Br	F	SH
	amino acid	acyl	Br	F	SMe
	amino acid	acyl	Br	F	SEt
65	amino acid	acyl	Br	F	S-cyclopropyl

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TABLE 13-continued

R ²	R ³	X ¹	X ²	Y
amino acid	acyl	Br	F	F
amino acid	acyl	Br	F	Cl
amino acid	acyl	Br	F	Br
amino acid	acyl	Br	F	I
acyl	H	Cl	F	H
acyl	H	Cl	F	NH ₂
acyl	H	Cl	F	NH-cyclopropyl
acyl	H	Cl	F	NH-methyl
acyl	H	Cl	F	NH-ethyl
acyl	H	Cl	F	NH-acetyl
acyl	H	Cl	F	OH
acyl	H	Cl	F	OMe
acyl	H	Cl	F	OEt
acyl	H	Cl	F	O-cyclopropyl
acyl	H	Cl	F	O-acetyl
acyl	H	Cl	F	SH
acyl	H	Cl	F	SMe
acyl	H	Cl	F	SEt
acyl	H	Cl	F	S-cyclopropyl
acyl	H	Cl	F	F
acyl	H	Cl	F	Cl
acyl	H	Cl	F	Br
acyl	H	Cl	F	I
acyl	acyl	Cl	F	H
acyl	acyl	Cl	F	NH ₂
acyl	acyl	Cl	F	NH-cyclopropyl
acyl	acyl	Cl	F	NH-methyl
acyl	acyl	Cl	F	NH-ethyl
acyl	acyl	Cl	F	NH-acetyl
acyl	acyl	Cl	F	OH
acyl	acyl	Cl	F	OMe
acyl	acyl	Cl	F	OEt
acyl	acyl	Cl	F	O-cyclopropyl
acyl	acyl	Cl	F	O-acetyl
acyl	acyl	Cl	F	SH
acyl	acyl	Cl	F	SMe
acyl	acyl	Cl	F	SEt
acyl	acyl	Cl	F	S-cyclopropyl
acyl	acyl	Cl	F	F
acyl	acyl	Cl	F	Cl
acyl	acyl	Cl	F	Br
acyl	acyl	Cl	F	I
acyl	amino acid	Cl	F	H
acyl	amino acid	Cl	F	NH ₂
acyl	amino acid	Cl	F	NH-cyclopropyl
acyl	amino acid	Cl	F	NH-methyl
acyl	amino acid	Cl	F	NH-ethyl
acyl	amino acid	Cl	F	NH-acetyl
acyl	amino acid	Cl	F	OH
acyl	amino acid	Cl	F	OMe
acyl	amino acid	Cl	F	OEt
acyl	amino acid	Cl	F	O-cyclopropyl
acyl	amino acid	Cl	F	O-acetyl
acyl	amino acid	Cl	F	SH
acyl	amino acid	Cl	F	SMe
acyl	amino acid	Cl	F	SEt
acyl	amino acid	Cl	F	S-cyclopropyl
acyl	amino acid	Cl	F	F
acyl	amino acid	Cl	F	Cl
acyl	amino acid	Cl	F	Br
acyl	amino acid	Cl	F	I
H	acyl	Cl	F	H
H	acyl	Cl	F	NH ₂
H	acyl	Cl	F	NH-cyclopropyl
H	acyl	Cl	F	NH-methyl
H	acyl	Cl	F	NH-ethyl
H	acyl	Cl	F	NH-acetyl
H	acyl	Cl	F	OH
H	acyl	Cl	F	OMe
H	acyl	Cl	F	OEt
H	acyl	Cl	F	O-cyclopropyl
H	acyl	Cl	F	O-acetyl
H	acyl	Cl	F	SH
H	acyl	Cl	F	SMe
H	acyl	Cl	F	SEt
H	acyl	Cl	F	S-cyclopropyl
H	acyl	Cl	F	F
H	acyl	Cl	F	Cl

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TABLE 13-continued

R ²	R ³	X ¹	X ²	Y
5	H	acyl	Cl	Cl
	H	acyl	Cl	Br
	H	acyl	Cl	I
	H	amino acid	Cl	H
	H	amino acid	Cl	NH ₂
	H	amino acid	Cl	NH-cyclopropyl
10	H	amino acid	Cl	NH-methyl
	H	amino acid	Cl	NH-ethyl
	H	amino acid	Cl	NH-acetyl
	H	amino acid	Cl	OH
	H	amino acid	Cl	OMe
	H	amino acid	Cl	OEt
15	H	amino acid	Cl	O-cyclopropyl
	H	amino acid	Cl	O-acetyl
	H	amino acid	Cl	SH
	H	amino acid	Cl	SMe
	H	amino acid	Cl	SEt
	H	amino acid	Cl	S-cyclopropyl
20	H	amino acid	Cl	F
	H	amino acid	Cl	Cl
	H	amino acid	Cl	Br
	H	amino acid	Cl	I
	amino acid	amino acid	Cl	H
	amino acid	amino acid	Cl	NH ₂
	amino acid	amino acid	Cl	NH-cyclopropyl
25	amino acid	amino acid	Cl	NH-methyl
	amino acid	amino acid	Cl	NH-ethyl
	amino acid	amino acid	Cl	NH-acetyl
	amino acid	amino acid	Cl	OH
	amino acid	amino acid	Cl	OMe
	amino acid	amino acid	Cl	OEt
30	amino acid	amino acid	Cl	O-cyclopropyl
	amino acid	amino acid	Cl	O-acetyl
	amino acid	amino acid	Cl	SH
	amino acid	amino acid	Cl	SMe
	amino acid	amino acid	Cl	SEt
	amino acid	amino acid	Cl	S-cyclopropyl
35	amino acid	amino acid	Cl	F
	amino acid	amino acid	Cl	Cl
	amino acid	amino acid	Cl	Br
	amino acid	amino acid	Cl	I
	amino acid	H	Cl	H
	amino acid	H	Cl	NH ₂
	amino acid	H	Cl	NH-cyclopropyl
40	amino acid	H	Cl	NH-methyl
	amino acid	H	Cl	NH-ethyl
	amino acid	H	Cl	NH-acetyl
	amino acid	H	Cl	OH
	amino acid	H	Cl	OMe
	amino acid	H	Cl	OEt
45	amino acid	H	Cl	O-cyclopropyl
	amino acid	H	Cl	O-acetyl
	amino acid	H	Cl	SH
	amino acid	H	Cl	SMe
	amino acid	H	Cl	SEt
	amino acid	H	Cl	S-cyclopropyl
50	amino acid	H	Cl	F
	amino acid	H	Cl	Cl
	amino acid	H	Cl	Br
	amino acid	H	Cl	I
	amino acid	acyl	Cl	H
	amino acid	acyl	Cl	NH ₂
55	amino acid	acyl	Cl	NH-cyclopropyl
	amino acid	acyl	Cl	NH-methyl
	amino acid	acyl	Cl	NH-ethyl
	amino acid	acyl	Cl	NH-acetyl
	amino acid	acyl	Cl	OH
	amino acid	acyl	Cl	OMe
	amino acid	acyl	Cl	OEt
60	amino acid	acyl	Cl	O-cyclopropyl
	amino acid	acyl	Cl	O-acetyl
	amino acid	acyl	Cl	SH
	amino acid	acyl	Cl	SMe
	amino acid	acyl	Cl	SEt
	amino acid	acyl	Cl	S-cyclopropyl
65	amino acid	acyl	Cl	F
	amino acid	acyl	Cl	Cl

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TABLE 13-continued

R ²	R ³	X ¹	X ²	Y
amino acid	acyl	Cl	F	Br
amino acid	acyl	Cl	F	I
acyl	H	F	F	H
acyl	H	F	F	NH ₂
acyl	H	F	F	NH-cyclopropyl
acyl	H	F	F	NH-methyl
acyl	H	F	F	NH-ethyl
acyl	H	F	F	NH-acetyl
acyl	H	F	F	OH
acyl	H	F	F	OMe
acyl	H	F	F	OEt
acyl	H	F	F	O-cyclopropyl
acyl	H	F	F	O-acetyl
acyl	H	F	F	SH
acyl	H	F	F	SMe
acyl	H	F	F	SEt
acyl	H	F	F	S-cyclopropyl
acyl	H	F	F	F
acyl	H	F	F	Cl
acyl	H	F	F	Br
acyl	H	F	F	I
acyl	acyl	F	F	H
acyl	acyl	F	F	NH ₂
acyl	acyl	F	F	NH-cyclopropyl
acyl	acyl	F	F	NH-methyl
acyl	acyl	F	F	NH-ethyl
acyl	acyl	F	F	NH-acetyl
acyl	acyl	F	F	OH
acyl	acyl	F	F	OMe
acyl	acyl	F	F	OEt
acyl	acyl	F	F	O-cyclopropyl
acyl	acyl	F	F	O-acetyl
acyl	acyl	F	F	SH
acyl	acyl	F	F	SMe
acyl	acyl	F	F	SEt
acyl	acyl	F	F	S-cyclopropyl
acyl	acyl	F	F	F
acyl	acyl	F	F	Cl
acyl	acyl	F	F	Br
acyl	acyl	F	F	I
acyl	acyl	F	F	H
acyl	amino acid	F	F	H
acyl	amino acid	F	F	NH ₂
acyl	amino acid	F	F	NH-cyclopropyl
acyl	amino acid	F	F	NH-methyl
acyl	amino acid	F	F	NH-ethyl
acyl	amino acid	F	F	NH-acetyl
acyl	amino acid	F	F	OH
acyl	amino acid	F	F	OMe
acyl	amino acid	F	F	OEt
acyl	amino acid	F	F	O-cyclopropyl
acyl	amino acid	F	F	O-acetyl
acyl	amino acid	F	F	SH
acyl	amino acid	F	F	SMe
acyl	amino acid	F	F	SEt
acyl	amino acid	F	F	S-cyclopropyl
acyl	amino acid	F	F	F
acyl	amino acid	F	F	Cl
acyl	amino acid	F	F	Br
acyl	amino acid	F	F	I
H	acyl	F	F	H
H	acyl	F	F	NH ₂
H	acyl	F	F	NH-cyclopropyl
H	acyl	F	F	NH-methyl
H	acyl	F	F	NH-ethyl
H	acyl	F	F	NH-acetyl
H	acyl	F	F	OH
H	acyl	F	F	OMe
H	acyl	F	F	OEt
H	acyl	F	F	O-cyclopropyl
H	acyl	F	F	O-acetyl
H	acyl	F	F	SH
H	acyl	F	F	SMe
H	acyl	F	F	SEt
H	acyl	F	F	S-cyclopropyl
H	acyl	F	F	F
H	acyl	F	F	Cl
H	acyl	F	F	Br
H	acyl	F	F	I

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TABLE 13-continued

R ²	R ³	X ¹	X ²	Y
5	H	acyl	F	I
	H	amino acid	F	H
	H	amino acid	F	NH ₂
	H	amino acid	F	NH-cyclopropyl
	H	amino acid	F	NH-methyl
	H	amino acid	F	NH-ethyl
10	H	amino acid	F	NH-acetyl
	H	amino acid	F	OH
	H	amino acid	F	OMe
	H	amino acid	F	OEt
	H	amino acid	F	O-cyclopropyl
	H	amino acid	F	O-acetyl
15	H	amino acid	F	SH
	H	amino acid	F	SMe
	H	amino acid	F	SEt
	H	amino acid	F	S-cyclopropyl
	H	amino acid	F	F
	H	amino acid	F	Cl
	H	amino acid	F	Br
20	H	amino acid	F	I
	amino acid	amino acid	F	H
	amino acid	amino acid	F	NH ₂
	amino acid	amino acid	F	NH-cyclopropyl
	amino acid	amino acid	F	NH-methyl
	amino acid	amino acid	F	NH-ethyl
25	amino acid	amino acid	F	NH-acetyl
	amino acid	amino acid	F	OH
	amino acid	amino acid	F	OMe
	amino acid	amino acid	F	OEt
	amino acid	amino acid	F	O-cyclopropyl
	amino acid	amino acid	F	O-acetyl
30	amino acid	amino acid	F	SH
	amino acid	amino acid	F	SMe
	amino acid	amino acid	F	SEt
	amino acid	amino acid	F	S-cyclopropyl
	amino acid	amino acid	F	F
	amino acid	amino acid	F	Cl
35	amino acid	amino acid	F	Br
	amino acid	amino acid	F	I
	amino acid	H	F	H
	amino acid	H	F	NH ₂
	amino acid	H	F	NH-cyclopropyl
	amino acid	H	F	NH-methyl
	amino acid	H	F	NH-ethyl
40	amino acid	H	F	NH-acetyl
	amino acid	H	F	OH
	amino acid	H	F	OMe
	amino acid	H	F	OEt
	amino acid	H	F	O-cyclopropyl
	amino acid	H	F	O-acetyl
45	amino acid	H	F	SH
	amino acid	H	F	SMe
	amino acid	H	F	SEt
	amino acid	H	F	S-cyclopropyl
	amino acid	H	F	F
	amino acid	H	F	Cl
50	amino acid	H	F	Br
	amino acid	H	F	I
	amino acid	acyl	F	H
	amino acid	acyl	F	NH ₂
	amino acid	acyl	F	NH-cyclopropyl
	amino acid	acyl	F	NH-methyl
55	amino acid	acyl	F	NH-ethyl
	amino acid	acyl	F	NH-acetyl
	amino acid	acyl	F	OH
	amino acid	acyl	F	OMe
	amino acid	acyl	F	OEt
	amino acid	acyl	F	O-cyclopropyl
	amino acid	acyl	F	O-acetyl
60	amino acid	acyl	F	SH
	amino acid	acyl	F	SMe
	amino acid	acyl	F	SEt
	amino acid	acyl	F	S-cyclopropyl
	amino acid	acyl	F	F
	amino acid	acyl	F	Cl
65	amino acid	acyl	F	Br
	amino acid	acyl	F	I

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TABLE 13-continued

R ²	R ³	X ¹	X ²	Y
acyl	H	NH ₂	F	H
acyl	H	NH ₂	F	NH ₂
acyl	H	NH ₂	F	NH-cyclopropyl
acyl	H	NH ₂	F	NH-methyl
acyl	H	NH ₂	F	NH-ethyl
acyl	H	NH ₂	F	NH-acetyl
acyl	H	NH ₂	F	OH
acyl	H	NH ₂	F	OMe
acyl	H	NH ₂	F	OEt
acyl	H	NH ₂	F	O-cyclopropyl
acyl	H	NH ₂	F	O-acetyl
acyl	H	NH ₂	F	SH
acyl	H	NH ₂	F	SMe
acyl	H	NH ₂	F	SEt
acyl	H	NH ₂	F	S-cyclopropyl
acyl	H	NH ₂	F	F
acyl	H	NH ₂	F	Cl
acyl	H	NH ₂	F	Br
acyl	H	NH ₂	F	I
acyl	acyl	NH ₂	F	H
acyl	acyl	NH ₂	F	NH ₂
acyl	acyl	NH ₂	F	NH-cyclopropyl
acyl	acyl	NH ₂	F	NH-methyl
acyl	acyl	NH ₂	F	NH-ethyl
acyl	acyl	NH ₂	F	NH-acetyl
acyl	acyl	NH ₂	F	OH
acyl	acyl	NH ₂	F	OMe
acyl	acyl	NH ₂	F	OEt
acyl	acyl	NH ₂	F	O-cyclopropyl
acyl	acyl	NH ₂	F	O-acetyl
acyl	acyl	NH ₂	F	SH
acyl	acyl	NH ₂	F	SMe
acyl	acyl	NH ₂	F	SEt
acyl	acyl	NH ₂	F	S-cyclopropyl
acyl	acyl	NH ₂	F	F
acyl	acyl	NH ₂	F	Cl
acyl	acyl	NH ₂	F	Br
acyl	acyl	NH ₂	F	I
acyl	amino acid	NH ₂	F	H
acyl	amino acid	NH ₂	F	NH ₂
acyl	amino acid	NH ₂	F	NH-cyclopropyl
acyl	amino acid	NH ₂	F	NH-methyl
acyl	amino acid	NH ₂	F	NH-ethyl
acyl	amino acid	NH ₂	F	NH-acetyl
acyl	amino acid	NH ₂	F	OH
acyl	amino acid	NH ₂	F	OMe
acyl	amino acid	NH ₂	F	OEt
acyl	amino acid	NH ₂	F	O-cyclopropyl
acyl	amino acid	NH ₂	F	O-acetyl
acyl	amino acid	NH ₂	F	SH
acyl	amino acid	NH ₂	F	SMe
acyl	amino acid	NH ₂	F	SEt
acyl	amino acid	NH ₂	F	S-cyclopropyl
acyl	amino acid	NH ₂	F	F
acyl	amino acid	NH ₂	F	Cl
acyl	amino acid	NH ₂	F	Br
acyl	amino acid	NH ₂	F	I
H	acyl	NH ₂	F	H
H	acyl	NH ₂	F	NH ₂
H	acyl	NH ₂	F	NH-cyclopropyl
H	acyl	NH ₂	F	NH-methyl
H	acyl	NH ₂	F	NH-ethyl
H	acyl	NH ₂	F	NH-acetyl
H	acyl	NH ₂	F	OH
H	acyl	NH ₂	F	OMe
H	acyl	NH ₂	F	OEt
H	acyl	NH ₂	F	O-cyclopropyl
H	acyl	NH ₂	F	O-acetyl
H	acyl	NH ₂	F	SH
H	acyl	NH ₂	F	SMe
H	acyl	NH ₂	F	SEt
H	acyl	NH ₂	F	S-cyclopropyl
H	acyl	NH ₂	F	F
H	acyl	NH ₂	F	Cl
H	acyl	NH ₂	F	Br
H	acyl	NH ₂	F	I
H	amino acid	NH ₂	F	H

TABLE 13-continued

	R ²	R ³	X ¹	X ²	Y
5	H	amino acid	NH ₂	F	NH ₂
	H	amino acid	NH ₂	F	NH-cyclopropyl
	H	amino acid	NH ₂	F	NH-methyl
	H	amino acid	NH ₂	F	NH-ethyl
	H	amino acid	NH ₂	F	NH-acetyl
	H	amino acid	NH ₂	F	OH
10	H	amino acid	NH ₂	F	OMe
	H	amino acid	NH ₂	F	OEt
	H	amino acid	NH ₂	F	O-cyclopropyl
	H	amino acid	NH ₂	F	O-acetyl
	H	amino acid	NH ₂	F	SH
	H	amino acid	NH ₂	F	SMe
15	H	amino acid	NH ₂	F	SEt
	H	amino acid	NH ₂	F	S-cyclopropyl
	H	amino acid	NH ₂	F	F
	H	amino acid	NH ₂	F	Cl
	H	amino acid	NH ₂	F	Br
	H	amino acid	NH ₂	F	I
20	amino acid	amino acid	NH ₂	F	H
	amino acid	amino acid	NH ₂	F	NH ₂
	amino acid	amino acid	NH ₂	F	NH-cyclopropyl
	amino acid	amino acid	NH ₂	F	NH-methyl
	amino acid	amino acid	NH ₂	F	NH-ethyl
	amino acid	amino acid	NH ₂	F	NH-acetyl
25	amino acid	amino acid	NH ₂	F	OH
	amino acid	amino acid	NH ₂	F	OMe
	amino acid	amino acid	NH ₂	F	OEt
	amino acid	amino acid	NH ₂	F	O-cyclopropyl
	amino acid	amino acid	NH ₂	F	O-acetyl
	amino acid	amino acid	NH ₂	F	SH
	amino acid	amino acid	NH ₂	F	SMe
30	amino acid	amino acid	NH ₂	F	SEt
	amino acid	amino acid	NH ₂	F	S-cyclopropyl
	amino acid	amino acid	NH ₂	F	F
	amino acid	amino acid	NH ₂	F	Cl
	amino acid	amino acid	NH ₂	F	Br
	amino acid	amino acid	NH ₂	F	I
35	amino acid	H	NH ₂	F	H
	amino acid	H	NH ₂	F	NH ₂
	amino acid	H	NH ₂	F	NH-cyclopropyl
	amino acid	H	NH ₂	F	NH-methyl
	amino acid	H	NH ₂	F	NH-ethyl
	amino acid	H	NH ₂	F	NH-acetyl
40	amino acid	H	NH ₂	F	OH
	amino acid	H	NH ₂	F	OMe
	amino acid	H	NH ₂	F	OEt
	amino acid	H	NH ₂	F	O-cyclopropyl
	amino acid	H	NH ₂	F	O-acetyl
	amino acid	H	NH ₂	F	SH
	amino acid	H	NH ₂	F	SMe
45	amino acid	H	NH ₂	F	SEt
	amino acid	H	NH ₂	F	S-cyclopropyl
	amino acid	H	NH ₂	F	F
	amino acid	H	NH ₂	F	Cl
	amino acid	H	NH ₂	F	Br
	amino acid	H	NH ₂	F	I
50	amino acid	acyl	NH ₂	F	H
	amino acid	acyl	NH ₂	F	NH ₂
	amino acid	acyl	NH ₂	F	NH-cyclopropyl
	amino acid	acyl	NH ₂	F	NH-methyl
	amino acid	acyl	NH ₂	F	NH-ethyl
	amino acid	acyl	NH ₂	F	NH-acetyl
55	amino acid	acyl	NH ₂	F	OH
	amino acid	acyl	NH ₂	F	OMe
	amino acid	acyl	NH ₂	F	OEt
	amino acid	acyl	NH ₂	F	O-cyclopropyl
	amino acid	acyl	NH ₂	F	O-acetyl
	amino acid	acyl	NH ₂	F	SH
	amino acid	acyl	NH ₂	F	SMe
60	amino acid	acyl	NH ₂	F	SEt
	amino acid	acyl	NH ₂	F	S-cyclopropyl
	amino acid	acyl	NH ₂	F	F
	amino acid	acyl	NH ₂	F	Cl
	amino acid	acyl	NH ₂	F	Br
	amino acid	acyl	NH ₂	F	I
65	acyl	H	SH	F	H
	acyl	H	SH	F	NH ₂

TABLE 13-continued

R ²	R ³	X ¹	X ²	Y
acyl	H	SH	F	NH-cyclopropyl
acyl	H	SH	F	NH-methyl
acyl	H	SH	F	NH-ethyl
acyl	H	SH	F	NH-acetyl
acyl	H	SH	F	OH
acyl	H	SH	F	OMe
acyl	H	SH	F	OEt
acyl	H	SH	F	O-cyclopropyl
acyl	H	SH	F	O-acetyl
acyl	H	SH	F	SH
acyl	H	SH	F	SMe
acyl	H	SH	F	SEt
acyl	H	SH	F	S-cyclopropyl
acyl	H	SH	F	F
acyl	H	SH	F	Cl
acyl	H	SH	F	Br
acyl	H	SH	F	I
acyl	acyl	SH	F	H
acyl	acyl	SH	F	NH ₂
acyl	acyl	SH	F	NH-cyclopropyl
acyl	acyl	SH	F	NH-methyl
acyl	acyl	SH	F	NH-ethyl
acyl	acyl	SH	F	NH-acetyl
acyl	acyl	SH	F	OH
acyl	acyl	SH	F	OMe
acyl	acyl	SH	F	OEt
acyl	acyl	SH	F	O-cyclopropyl
acyl	acyl	SH	F	O-acetyl
acyl	acyl	SH	F	SH
acyl	acyl	SH	F	SMe
acyl	acyl	SH	F	SEt
acyl	acyl	SH	F	S-cyclopropyl
acyl	acyl	SH	F	F
acyl	acyl	SH	F	Cl
acyl	acyl	SH	F	Br
acyl	acyl	SH	F	I
acyl	acyl	SH	F	H
acyl	amino acid	SH	F	H
acyl	amino acid	SH	F	NH ₂
acyl	amino acid	SH	F	NH-cyclopropyl
acyl	amino acid	SH	F	NH-methyl
acyl	amino acid	SH	F	NH-ethyl
acyl	amino acid	SH	F	NH-acetyl
acyl	amino acid	SH	F	OH
acyl	amino acid	SH	F	OMe
acyl	amino acid	SH	F	OEt
acyl	amino acid	SH	F	O-cyclopropyl
acyl	amino acid	SH	F	O-acetyl
acyl	amino acid	SH	F	SH
acyl	amino acid	SH	F	SMe
acyl	amino acid	SH	F	SEt
acyl	amino acid	SH	F	S-cyclopropyl
acyl	amino acid	SH	F	F
acyl	amino acid	SH	F	Cl
acyl	amino acid	SH	F	Br
acyl	amino acid	SH	F	I
acyl	amino acid	SH	F	H
H	acyl	SH	F	H
H	acyl	SH	F	NH ₂
H	acyl	SH	F	NH-cyclopropyl
H	acyl	SH	F	NH-methyl
H	acyl	SH	F	NH-ethyl
H	acyl	SH	F	NH-acetyl
H	acyl	SH	F	OH
H	acyl	SH	F	OMe
H	acyl	SH	F	OEt
H	acyl	SH	F	O-cyclopropyl
H	acyl	SH	F	O-acetyl
H	acyl	SH	F	SH
H	acyl	SH	F	SMe
H	acyl	SH	F	SEt
H	acyl	SH	F	S-cyclopropyl
H	acyl	SH	F	F
H	acyl	SH	F	Cl
H	acyl	SH	F	Br
H	acyl	SH	F	I
H	acyl	SH	F	H
H	amino acid	SH	F	H
H	amino acid	SH	F	NH ₂
H	amino acid	SH	F	NH-cyclopropyl

TABLE 13-continued

	R ²	R ³	X ¹	X ²	Y
5	H	amino acid	SH	F	NH-methyl
	H	amino acid	SH	F	NH-ethyl
	H	amino acid	SH	F	NH-acetyl
	H	amino acid	SH	F	OH
	H	amino acid	SH	F	OMe
10	H	amino acid	SH	F	OEt
	H	amino acid	SH	F	O-cyclopropyl
	H	amino acid	SH	F	O-acetyl
	H	amino acid	SH	F	SH
	H	amino acid	SH	F	SMe
15	H	amino acid	SH	F	SEt
	H	amino acid	SH	F	S-cyclopropyl
	H	amino acid	SH	F	F
	H	amino acid	SH	F	Cl
	H	amino acid	SH	F	Br
20	H	amino acid	SH	F	I
	amino acid	amino acid	SH	F	H
	amino acid	amino acid	SH	F	NH ₂
	amino acid	amino acid	SH	F	NH-cyclopropyl
	amino acid	amino acid	SH	F	NH-methyl
25	amino acid	amino acid	SH	F	NH-ethyl
	amino acid	amino acid	SH	F	NH-acetyl
	amino acid	amino acid	SH	F	OH
	amino acid	amino acid	SH	F	OMe
	amino acid	amino acid	SH	F	OEt
30	amino acid	amino acid	SH	F	O-cyclopropyl
	amino acid	amino acid	SH	F	O-acetyl
	amino acid	amino acid	SH	F	SH
	amino acid	amino acid	SH	F	SMe
	amino acid	amino acid	SH	F	SEt
35	amino acid	amino acid	SH	F	S-cyclopropyl
	amino acid	amino acid	SH	F	F
	amino acid	amino acid	SH	F	Cl
	amino acid	amino acid	SH	F	Br
	amino acid	amino acid	SH	F	I
40	amino acid	H	SH	F	H
	amino acid	H	SH	F	NH ₂
	amino acid	H	SH	F	NH-cyclopropyl
	amino acid	H	SH	F	NH-methyl
	amino acid	H	SH	F	NH-ethyl
45	amino acid	H	SH	F	NH-acetyl
	amino acid	H	SH	F	OH
	amino acid	H	SH	F	OMe
	amino acid	H	SH	F	OEt
	amino acid	H	SH	F	O-cyclopropyl
50	amino acid	H	SH	F	O-acetyl
	amino acid	H	SH	F	SH
	amino acid	H	SH	F	SMe
	amino acid	H	SH	F	SEt
	amino acid	H	SH	F	S-cyclopropyl
55	amino acid	H	SH	F	F
	amino acid	H	SH	F	Cl
	amino acid	H	SH	F	Br
	amino acid	H	SH	F	I
	amino acid	acyl	SH	F	H
60	amino acid	acyl	SH	F	NH ₂
	amino acid	acyl	SH	F	NH-cyclopropyl
	amino acid	acyl	SH	F	NH-methyl
	amino acid	acyl	SH	F	NH-ethyl
	amino acid	acyl	SH	F	NH-acetyl
65	amino acid	acyl	SH	F	OH
	amino acid	acyl	SH	F	OMe
	amino acid	acyl	SH	F	OEt
	amino acid	acyl	SH	F	O-cyclopropyl
	amino acid	acyl	SH	F	O-acetyl
	amino acid	acyl	SH	F	SH
	amino acid	acyl	SH	F	SMe
	amino acid	acyl	SH	F	SEt
	amino acid	acyl	SH	F	S-cyclopropyl
	acyl	H	OH	F	F
	acyl	H	OH	F	Cl
	acyl	H	OH	F	Br
	acyl	H	OH	F	I
	acyl	H	OH	F	H
	acyl	H	OH	F	NH ₂
	acyl	H	OH	F	NH-cyclopropyl
	acyl	H	OH	F	NH-methyl

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TABLE 13-continued

R ²	R ³	X ¹	X ²	Y
acyl	H	OH	F	NH-ethyl
acyl	H	OH	F	NH-acetyl
acyl	H	OH	F	OH
acyl	H	OH	F	OMe
acyl	H	OH	F	OEt
acyl	H	OH	F	O-cyclopropyl
acyl	H	OH	F	O-acetyl
acyl	H	OH	F	SH
acyl	H	OH	F	SMe
acyl	H	OH	F	SEt
acyl	H	OH	F	S-cyclopropyl
acyl	H	OH	F	F
acyl	H	OH	F	Cl
acyl	H	OH	F	Br
acyl	H	OH	F	I
acyl	acyl	OH	F	H
acyl	acyl	OH	F	NH ₂
acyl	acyl	OH	F	NH-cyclopropyl
acyl	acyl	OH	F	NH-methyl
acyl	acyl	OH	F	NH-ethyl
acyl	acyl	OH	F	NH-acetyl
acyl	acyl	OH	F	OH
acyl	acyl	OH	F	OMe
acyl	acyl	OH	F	OEt
acyl	acyl	OH	F	O-cyclopropyl
acyl	acyl	OH	F	O-acetyl
acyl	acyl	OH	F	SH
acyl	acyl	OH	F	SMe
acyl	acyl	OH	F	SEt
acyl	acyl	OH	F	S-cyclopropyl
acyl	acyl	OH	F	F
acyl	acyl	OH	F	Cl
acyl	acyl	OH	F	Br
acyl	acyl	OH	F	I
acyl	amino acid	OH	F	H
acyl	amino acid	OH	F	NH ₂
acyl	amino acid	OH	F	NH-cyclopropyl
acyl	amino acid	OH	F	NH-methyl
acyl	amino acid	OH	F	NH-ethyl
acyl	amino acid	OH	F	NH-acetyl
acyl	amino acid	OH	F	OH
acyl	amino acid	OH	F	OMe
acyl	amino acid	OH	F	OEt
acyl	amino acid	OH	F	O-cyclopropyl
acyl	amino acid	OH	F	O-acetyl
acyl	amino acid	OH	F	SH
acyl	amino acid	OH	F	SMe
acyl	amino acid	OH	F	SEt
acyl	amino acid	OH	F	S-cyclopropyl
acyl	amino acid	OH	F	F
acyl	amino acid	OH	F	Cl
acyl	amino acid	OH	F	Br
acyl	amino acid	OH	F	I
H	acyl	OH	F	H
H	acyl	OH	F	NH ₂
H	acyl	OH	F	NH-cyclopropyl
H	acyl	OH	F	NH-methyl
H	acyl	OH	F	NH-ethyl
H	acyl	OH	F	NH-acetyl
H	acyl	OH	F	OH
H	acyl	OH	F	OMe
H	acyl	OH	F	OEt
H	acyl	OH	F	O-cyclopropyl
H	acyl	OH	F	O-acetyl
H	acyl	OH	F	SH
H	acyl	OH	F	SMe
H	acyl	OH	F	SEt
H	acyl	OH	F	S-cyclopropyl
H	acyl	OH	F	F
H	acyl	OH	F	Cl
H	acyl	OH	F	Br
H	acyl	OH	F	I
H	amino acid	OH	F	H
H	amino acid	OH	F	NH ₂
H	amino acid	OH	F	NH-cyclopropyl
H	amino acid	OH	F	NH-methyl
H	amino acid	OH	F	NH-ethyl

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TABLE 13-continued

	R ²	R ³	X ¹	X ²	Y
5	H	amino acid	OH	F	NH-acetyl
	H	amino acid	OH	F	OH
	H	amino acid	OH	F	OMe
	H	amino acid	OH	F	OEt
	H	amino acid	OH	F	O-cyclopropyl
	H	amino acid	OH	F	O-acetyl
10	H	amino acid	OH	F	SH
	H	amino acid	OH	F	SMe
	H	amino acid	OH	F	SEt
	H	amino acid	OH	F	S-cyclopropyl
	H	amino acid	OH	F	F
	H	amino acid	OH	F	Cl
15	H	amino acid	OH	F	Br
	H	amino acid	OH	F	I
	amino acid	amino acid	OH	F	H
	amino acid	amino acid	OH	F	NH ₂
	amino acid	amino acid	OH	F	NH-cyclopropyl
	amino acid	amino acid	OH	F	NH-methyl
20	amino acid	amino acid	OH	F	NH-ethyl
	amino acid	amino acid	OH	F	NH-acetyl
	amino acid	amino acid	OH	F	OH
	amino acid	amino acid	OH	F	OMe
	amino acid	amino acid	OH	F	OEt
	amino acid	amino acid	OH	F	O-cyclopropyl
	amino acid	amino acid	OH	F	O-acetyl
25	amino acid	amino acid	OH	F	SH
	amino acid	amino acid	OH	F	SMe
	amino acid	amino acid	OH	F	SEt
	amino acid	amino acid	OH	F	S-cyclopropyl
	amino acid	amino acid	OH	F	F
	amino acid	amino acid	OH	F	Cl
30	amino acid	amino acid	OH	F	Br
	amino acid	amino acid	OH	F	I
	amino acid	H	OH	F	H
	amino acid	H	OH	F	NH ₂
	amino acid	H	OH	F	NH-cyclopropyl
	amino acid	H	OH	F	NH-methyl
35	amino acid	H	OH	F	NH-ethyl
	amino acid	H	OH	F	NH-acetyl
	amino acid	H	OH	F	OH
	amino acid	H	OH	F	OMe
	amino acid	H	OH	F	OEt
	amino acid	H	OH	F	O-cyclopropyl
40	amino acid	H	OH	F	O-acetyl
	amino acid	H	OH	F	SH
	amino acid	H	OH	F	SMe
	amino acid	H	OH	F	SEt
	amino acid	H	OH	F	S-cyclopropyl
	amino acid	H	OH	F	F
	amino acid	H	OH	F	Cl
45	amino acid	H	OH	F	Br
	amino acid	H	OH	F	I
	amino acid	acyl	OH	F	H
	amino acid	acyl	OH	F	NH ₂
	amino acid	acyl	OH	F	NH-cyclopropyl
	amino acid	acyl	OH	F	NH-methyl
50	amino acid	acyl	OH	F	NH-ethyl
	amino acid	acyl	OH	F	NH-acetyl
	amino acid	acyl	OH	F	OH
	amino acid	acyl	OH	F	OMe
	amino acid	acyl	OH	F	OEt
	amino acid	acyl	OH	F	O-cyclopropyl
55	amino acid	acyl	OH	F	O-acetyl
	amino acid	acyl	OH	F	SH
	amino acid	acyl	OH	F	SMe
	amino acid	acyl	OH	F	SEt
	amino acid	acyl	OH	F	S-cyclopropyl
	amino acid	acyl	OH	F	F
	amino acid	acyl	OH	F	Cl
60	amino acid	acyl	OH	F	Br
	amino acid	acyl	OH	F	I
	acyl	H	CH ₃	NH ₂	H
	acyl	H	CH ₃	NH ₂	NH ₂
	acyl	H	CH ₃	NH ₂	NH-cyclopropyl
	acyl	H	CH ₃	NH ₂	NH-methyl
65	acyl	H	CH ₃	NH ₂	NH-ethyl
	acyl	H	CH ₃	NH ₂	NH-acetyl

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TABLE 13-continued

R ²	R ³	X ¹	X ²	Y
acyl	H	CH ₃	NH ₂	OH
acyl	H	CH ₃	NH ₂	OMe
acyl	H	CH ₃	NH ₂	OEt
acyl	H	CH ₃	NH ₂	O-cyclopropyl
acyl	H	CH ₃	NH ₂	O-acetyl
acyl	H	CH ₃	NH ₂	SH
acyl	H	CH ₃	NH ₂	SMe
acyl	H	CH ₃	NH ₂	SEt
acyl	H	CH ₃	NH ₂	S-cyclopropyl
acyl	H	CH ₃	NH ₂	F
acyl	H	CH ₃	NH ₂	Cl
acyl	H	CH ₃	NH ₂	Br
acyl	H	CH ₃	NH ₂	I
acyl	acyl	CH ₃	NH ₂	H
acyl	acyl	CH ₃	NH ₂	NH ₂
acyl	acyl	CH ₃	NH ₂	NH-cyclopropyl
acyl	acyl	CH ₃	NH ₂	NH-methyl
acyl	acyl	CH ₃	NH ₂	NH-ethyl
acyl	acyl	CH ₃	NH ₂	NH-acetyl
acyl	acyl	CH ₃	NH ₂	OH
acyl	acyl	CH ₃	NH ₂	OMe
acyl	acyl	CH ₃	NH ₂	OEt
acyl	acyl	CH ₃	NH ₂	O-cyclopropyl
acyl	acyl	CH ₃	NH ₂	O-acetyl
acyl	acyl	CH ₃	NH ₂	SH
acyl	acyl	CH ₃	NH ₂	SMe
acyl	acyl	CH ₃	NH ₂	SEt
acyl	acyl	CH ₃	NH ₂	S-cyclopropyl
acyl	acyl	CH ₃	NH ₂	F
acyl	acyl	CH ₃	NH ₂	Cl
acyl	acyl	CH ₃	NH ₂	Br
acyl	acyl	CH ₃	NH ₂	I
acyl	amino acid	CH ₃	NH ₂	H
acyl	amino acid	CH ₃	NH ₂	NH ₂
acyl	amino acid	CH ₃	NH ₂	NH-cyclopropyl
acyl	amino acid	CH ₃	NH ₂	NH-methyl
acyl	amino acid	CH ₃	NH ₂	NH-ethyl
acyl	amino acid	CH ₃	NH ₂	NH-acetyl
acyl	amino acid	CH ₃	NH ₂	OH
acyl	amino acid	CH ₃	NH ₂	OMe
acyl	amino acid	CH ₃	NH ₂	OEt
acyl	amino acid	CH ₃	NH ₂	O-cyclopropyl
acyl	amino acid	CH ₃	NH ₂	O-acetyl
acyl	amino acid	CH ₃	NH ₂	SH
acyl	amino acid	CH ₃	NH ₂	SMe
acyl	amino acid	CH ₃	NH ₂	SEt
acyl	amino acid	CH ₃	NH ₂	S-cyclopropyl
acyl	amino acid	CH ₃	NH ₂	F
acyl	amino acid	CH ₃	NH ₂	Cl
acyl	amino acid	CH ₃	NH ₂	Br
acyl	amino acid	CH ₃	NH ₂	I
H	acyl	CH ₃	NH ₂	H
H	acyl	CH ₃	NH ₂	NH ₂
H	acyl	CH ₃	NH ₂	NH-cyclopropyl
H	acyl	CH ₃	NH ₂	NH-methyl
H	acyl	CH ₃	NH ₂	NH-ethyl
H	acyl	CH ₃	NH ₂	NH-acetyl
H	acyl	CH ₃	NH ₂	OH
H	acyl	CH ₃	NH ₂	OMe
H	acyl	CH ₃	NH ₂	OEt
H	acyl	CH ₃	NH ₂	O-cyclopropyl
H	acyl	CH ₃	NH ₂	O-acetyl
H	acyl	CH ₃	NH ₂	SH
H	acyl	CH ₃	NH ₂	SMe
H	acyl	CH ₃	NH ₂	SEt
H	acyl	CH ₃	NH ₂	S-cyclopropyl
H	acyl	CH ₃	NH ₂	F
H	acyl	CH ₃	NH ₂	Cl
H	acyl	CH ₃	NH ₂	Br
H	acyl	CH ₃	NH ₂	I
H	amino acid	CH ₃	NH ₂	H
H	amino acid	CH ₃	NH ₂	NH ₂
H	amino acid	CH ₃	NH ₂	NH-cyclopropyl
H	amino acid	CH ₃	NH ₂	NH-methyl
H	amino acid	CH ₃	NH ₂	NH-ethyl
H	amino acid	CH ₃	NH ₂	NH-acetyl
H	amino acid	CH ₃	NH ₂	OH

TABLE 13-continued

	R ²	R ³	X ¹	X ²	Y
5	H	amino acid	CH ₃	NH ₂	OMe
	H	amino acid	CH ₃	NH ₂	OEt
	H	amino acid	CH ₃	NH ₂	O-cyclopropyl
	H	amino acid	CH ₃	NH ₂	O-acetyl
	H	amino acid	CH ₃	NH ₂	SH
10	H	amino acid	CH ₃	NH ₂	SMe
	H	amino acid	CH ₃	NH ₂	SEt
	H	amino acid	CH ₃	NH ₂	S-cyclopropyl
	H	amino acid	CH ₃	NH ₂	F
	H	amino acid	CH ₃	NH ₂	Cl
	H	amino acid	CH ₃	NH ₂	Br
	H	amino acid	CH ₃	NH ₂	I
	amino acid	amino acid	CH ₃	NH ₂	H
	amino acid	amino acid	CH ₃	NH ₂	NH ₂
	amino acid	amino acid	CH ₃	NH ₂	NH-cyclopropyl
	amino acid	amino acid	CH ₃	NH ₂	NH-methyl
	amino acid	amino acid	CH ₃	NH ₂	NH-ethyl
	amino acid	amino acid	CH ₃	NH ₂	NH-acetyl
	amino acid	amino acid	CH ₃	NH ₂	OH
	amino acid	amino acid	CH ₃	NH ₂	OMe
20	amino acid	amino acid	CH ₃	NH ₂	OEt
	amino acid	amino acid	CH ₃	NH ₂	O-cyclopropyl
	amino acid	amino acid	CH ₃	NH ₂	O-acetyl
	amino acid	amino acid	CH ₃	NH ₂	SH
	amino acid	amino acid	CH ₃	NH ₂	SMe
25	amino acid	amino acid	CH ₃	NH ₂	SEt
	amino acid	amino acid	CH ₃	NH ₂	S-cyclopropyl
	amino acid	amino acid	CH ₃	NH ₂	F
	amino acid	amino acid	CH ₃	NH ₂	Cl
	amino acid	amino acid	CH ₃	NH ₂	Br
30	amino acid	amino acid	CH ₃	NH ₂	I
	amino acid	H	CH ₃	NH ₂	H
	amino acid	H	CH ₃	NH ₂	NH ₂
	amino acid	H	CH ₃	NH ₂	NH-cyclopropyl
	amino acid	H	CH ₃	NH ₂	NH-methyl
	amino acid	H	CH ₃	NH ₂	NH-ethyl
	amino acid	H	CH ₃	NH ₂	NH-acetyl
	amino acid	H	CH ₃	NH ₂	OH
	amino acid	H	CH ₃	NH ₂	OMe
	amino acid	H	CH ₃	NH ₂	OEt
	amino acid	H	CH ₃	NH ₂	O-cyclopropyl
	amino acid	H	CH ₃	NH ₂	O-acetyl
	amino acid	H	CH ₃	NH ₂	SH
	amino acid	H	CH ₃	NH ₂	SMe
	amino acid	H	CH ₃	NH ₂	SEt
40	amino acid	H	CH ₃	NH ₂	S-cyclopropyl
	amino acid	H	CH ₃	NH ₂	F
	amino acid	H	CH ₃	NH ₂	Cl
	amino acid	H	CH ₃	NH ₂	Br
	amino acid	H	CH ₃	NH ₂	I
45	amino acid	acyl	CH ₃	NH ₂	H
	amino acid	acyl	CH ₃	NH ₂	NH ₂
	amino acid	acyl	CH ₃	NH ₂	NH-cyclopropyl
	amino acid	acyl	CH ₃	NH ₂	NH-methyl
	amino acid	acyl	CH ₃	NH ₂	NH-ethyl
	amino acid	acyl	CH ₃	NH ₂	NH-acetyl
	amino acid	acyl	CH ₃	NH ₂	OH
	amino acid	acyl	CH ₃	NH ₂	OMe
	amino acid	acyl	CH ₃	NH ₂	OEt
	amino acid	acyl	CH ₃	NH ₂	O-cyclopropyl
50	amino acid	acyl	CH ₃	NH ₂	O-acetyl
	amino acid	acyl	CH ₃	NH ₂	SH
	amino acid	acyl	CH ₃	NH ₂	SMe
	amino acid	acyl	CH ₃	NH ₂	SEt
	amino acid	acyl	CH ₃	NH ₂	S-cyclopropyl
	amino acid	acyl	CH ₃	NH ₂	F
	amino acid	acyl	CH ₃	NH ₂	Cl
	amino acid	acyl	CH ₃	NH ₂	Br
	amino acid	acyl	CH ₃	NH ₂	I
	amino acid	acyl	CH ₃	NH ₂	H
60	acyl	H	CF ₃	NH ₂	NH ₂
	acyl	H	CF ₃	NH ₂	NH-cyclopropyl
	acyl	H	CF ₃	NH ₂	NH-methyl
	acyl	H	CF ₃	NH ₂	NH-ethyl
	acyl	H	CF ₃	NH ₂	NH-acetyl
65	acyl	H	CF ₃	NH ₂	OH
	acyl	H	CF ₃	NH ₂	OMe

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TABLE 13-continued

R ²	R ³	X ¹	X ²	Y
acyl	H	CF ₃	NH ₂	OEt
acyl	H	CF ₃	NH ₂	O-cyclopropyl
acyl	H	CF ₃	NH ₂	O-acetyl
acyl	H	CF ₃	NH ₂	SH
acyl	H	CF ₃	NH ₂	SMe
acyl	H	CF ₃	NH ₂	SEt
acyl	H	CF ₃	NH ₂	S-cyclopropyl
acyl	H	CF ₃	NH ₂	F
acyl	H	CF ₃	NH ₂	Cl
acyl	H	CF ₃	NH ₂	Br
acyl	H	CF ₃	NH ₂	I
acyl	H	CF ₃	NH ₂	H
acyl	acyl	CF ₃	NH ₂	NH ₂
acyl	acyl	CF ₃	NH ₂	NH-cyclopropyl
acyl	acyl	CF ₃	NH ₂	NH-methyl
acyl	acyl	CF ₃	NH ₂	NH-ethyl
acyl	acyl	CF ₃	NH ₂	NH-acetyl
acyl	acyl	CF ₃	NH ₂	OH
acyl	acyl	CF ₃	NH ₂	OMe
acyl	acyl	CF ₃	NH ₂	OEt
acyl	acyl	CF ₃	NH ₂	O-cyclopropyl
acyl	acyl	CF ₃	NH ₂	O-acetyl
acyl	acyl	CF ₃	NH ₂	SH
acyl	acyl	CF ₃	NH ₂	SMe
acyl	acyl	CF ₃	NH ₂	SEt
acyl	acyl	CF ₃	NH ₂	S-cyclopropyl
acyl	acyl	CF ₃	NH ₂	F
acyl	acyl	CF ₃	NH ₂	Cl
acyl	acyl	CF ₃	NH ₂	Br
acyl	acyl	CF ₃	NH ₂	I
acyl	acyl	CF ₃	NH ₂	H
acyl	amino acid	CF ₃	NH ₂	H
acyl	amino acid	CF ₃	NH ₂	NH ₂
acyl	amino acid	CF ₃	NH ₂	NH-cyclopropyl
acyl	amino acid	CF ₃	NH ₂	NH-methyl
acyl	amino acid	CF ₃	NH ₂	NH-ethyl
acyl	amino acid	CF ₃	NH ₂	NH-acetyl
acyl	amino acid	CF ₃	NH ₂	OH
acyl	amino acid	CF ₃	NH ₂	OMe
acyl	amino acid	CF ₃	NH ₂	OEt
acyl	amino acid	CF ₃	NH ₂	O-cyclopropyl
acyl	amino acid	CF ₃	NH ₂	O-acetyl
acyl	amino acid	CF ₃	NH ₂	SH
acyl	amino acid	CF ₃	NH ₂	SMe
acyl	amino acid	CF ₃	NH ₂	SEt
acyl	amino acid	CF ₃	NH ₂	S-cyclopropyl
acyl	amino acid	CF ₃	NH ₂	F
acyl	amino acid	CF ₃	NH ₂	Cl
acyl	amino acid	CF ₃	NH ₂	Br
acyl	amino acid	CF ₃	NH ₂	I
H	acyl	CF ₃	NH ₂	H
H	acyl	CF ₃	NH ₂	NH ₂
H	acyl	CF ₃	NH ₂	NH-cyclopropyl
H	acyl	CF ₃	NH ₂	NH-methyl
H	acyl	CF ₃	NH ₂	NH-ethyl
H	acyl	CF ₃	NH ₂	NH-acetyl
H	acyl	CF ₃	NH ₂	OH
H	acyl	CF ₃	NH ₂	OMe
H	acyl	CF ₃	NH ₂	OEt
H	acyl	CF ₃	NH ₂	O-cyclopropyl
H	acyl	CF ₃	NH ₂	O-acetyl
H	acyl	CF ₃	NH ₂	SH
H	acyl	CF ₃	NH ₂	SMe
H	acyl	CF ₃	NH ₂	SEt
H	acyl	CF ₃	NH ₂	S-cyclopropyl
H	acyl	CF ₃	NH ₂	F
H	acyl	CF ₃	NH ₂	Cl
H	acyl	CF ₃	NH ₂	Br
H	acyl	CF ₃	NH ₂	I
H	acyl	CF ₃	NH ₂	H
H	amino acid	CF ₃	NH ₂	H
H	amino acid	CF ₃	NH ₂	NH ₂
H	amino acid	CF ₃	NH ₂	NH-cyclopropyl
H	amino acid	CF ₃	NH ₂	NH-methyl
H	amino acid	CF ₃	NH ₂	NH-ethyl
H	amino acid	CF ₃	NH ₂	NH-acetyl
H	amino acid	CF ₃	NH ₂	OH
H	amino acid	CF ₃	NH ₂	OMe
H	amino acid	CF ₃	NH ₂	OEt
H	amino acid	CF ₃	NH ₂	O-cyclopropyl
H	amino acid	CF ₃	NH ₂	O-acetyl
H	amino acid	CF ₃	NH ₂	SH
H	amino acid	CF ₃	NH ₂	SMe
H	amino acid	CF ₃	NH ₂	SEt
H	amino acid	CF ₃	NH ₂	S-cyclopropyl
H	amino acid	CF ₃	NH ₂	F
H	amino acid	CF ₃	NH ₂	Cl
H	amino acid	CF ₃	NH ₂	Br
H	amino acid	CF ₃	NH ₂	I
H	amino acid	CF ₃	NH ₂	H

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TABLE 13-continued

R ²	R ³	X ¹	X ²	Y	
5	H	amino acid	CF ₃	NH ₂	O-cyclopropyl
	H	amino acid	CF ₃	NH ₂	O-acetyl
	H	amino acid	CF ₃	NH ₂	SH
	H	amino acid	CF ₃	NH ₂	SMe
	H	amino acid	CF ₃	NH ₂	SEt
10	H	amino acid	CF ₃	NH ₂	S-cyclopropyl
	H	amino acid	CF ₃	NH ₂	F
	H	amino acid	CF ₃	NH ₂	Cl
	H	amino acid	CF ₃	NH ₂	Br
	H	amino acid	CF ₃	NH ₂	I
15	amino acid	amino acid	CF ₃	NH ₂	H
	amino acid	amino acid	CF ₃	NH ₂	NH ₂
	amino acid	amino acid	CF ₃	NH ₂	NH-cyclopropyl
	amino acid	amino acid	CF ₃	NH ₂	NH-methyl
	amino acid	amino acid	CF ₃	NH ₂	NH-ethyl
20	amino acid	amino acid	CF ₃	NH ₂	NH-acetyl
	amino acid	amino acid	CF ₃	NH ₂	OH
	amino acid	amino acid	CF ₃	NH ₂	OMe
	amino acid	amino acid	CF ₃	NH ₂	OEt
	amino acid	amino acid	CF ₃	NH ₂	O-cyclopropyl
25	amino acid	amino acid	CF ₃	NH ₂	O-acetyl
	amino acid	amino acid	CF ₃	NH ₂	SH
	amino acid	amino acid	CF ₃	NH ₂	SMe
	amino acid	amino acid	CF ₃	NH ₂	SEt
	amino acid	amino acid	CF ₃	NH ₂	S-cyclopropyl
30	amino acid	amino acid	CF ₃	NH ₂	F
	amino acid	amino acid	CF ₃	NH ₂	Cl
	amino acid	amino acid	CF ₃	NH ₂	Br
	amino acid	amino acid	CF ₃	NH ₂	I
	amino acid	H	CF ₃	NH ₂	H
35	amino acid	H	CF ₃	NH ₂	NH ₂
	amino acid	H	CF ₃	NH ₂	NH-cyclopropyl
	amino acid	H	CF ₃	NH ₂	NH-methyl
	amino acid	H	CF ₃	NH ₂	NH-ethyl
	amino acid	H	CF ₃	NH ₂	NH-acetyl
40	amino acid	H	CF ₃	NH ₂	OH
	amino acid	H	CF ₃	NH ₂	OMe
	amino acid	H	CF ₃	NH ₂	OEt
	amino acid	H	CF ₃	NH ₂	O-cyclopropyl
	amino acid	H	CF ₃	NH ₂	O-acetyl
45	amino acid	H	CF ₃	NH ₂	SH
	amino acid	H	CF ₃	NH ₂	SMe
	amino acid	H	CF ₃	NH ₂	SEt
	amino acid	H	CF ₃	NH ₂	S-cyclopropyl
	amino acid	H	CF ₂	NH ₂	F
50	amino acid	H	CF ₃	NH ₂	Cl
	amino acid	H	CF ₃	NH ₂	Br
	amino acid	H	CF ₃	NH ₂	I
	amino acid	acyl	CF ₃	NH ₂	H
	amino acid	acyl	CF ₃	NH ₂	NH ₂
55	amino acid	acyl	CF ₃	NH ₂	NH-cyclopropyl
	amino acid	acyl	CF ₃	NH ₂	NH-methyl
	amino acid	acyl	CF ₃	NH ₂	NH-ethyl
	amino acid	acyl	CF ₃	NH ₂	NH-acetyl
	amino acid	acyl	CF ₃	NH ₂	OH
60	amino acid	acyl	CF ₃	NH ₂	OMe
	amino acid	acyl	CF ₃	NH ₂	OEt
	amino acid	acyl	CF ₃	NH ₂	O-cyclopropyl
	amino acid	acyl	CF ₃	NH ₂	O-acetyl
	amino acid	acyl	CF ₃	NH ₂	SH
65	amino acid	acyl	CF ₃	NH ₂	SMe
	amino acid	acyl	CF ₃	NH ₂	SEt
	amino acid	acyl	CF ₃	NH ₂	S-cyclopropyl
	amino acid	acyl	CF ₃	NH ₂	F
	amino acid	acyl	CF ₃	NH ₂	Cl
	amino acid	acyl	CF ₃	NH ₂	Br
	amino acid	acyl	CF ₃	NH ₂	I
	acyl	H	Br	NH ₂	H
	acyl	H	Br	NH ₂	NH ₂
	acyl	H	Br	NH ₂	NH-cyclopropyl
	acyl	H	Br	NH ₂	NH-methyl
	acyl	H	Br	NH ₂	NH-ethyl
	acyl	H	Br	NH ₂	NH-acetyl
	acyl	H	Br	NH ₂	OH
	acyl	H	Br	NH ₂	OMe
	acyl	H	Br	NH ₂	OEt
	acyl	H	Br	NH ₂	O-cyclopropyl

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TABLE 13-continued

R ²	R ³	X ¹	X ²	Y
acyl	H	Br	NH ₂	O-acetyl
acyl	H	Br	NH ₂	SH
acyl	H	Br	NH ₂	SMe
acyl	H	Br	NH ₂	SEt
acyl	H	Br	NH ₂	S-cyclopropyl
acyl	H	Br	NH ₂	F
acyl	H	Br	NH ₂	Cl
acyl	H	Br	NH ₂	Br
acyl	H	Br	NH ₂	I
acyl	acyl	Br	NH ₂	H
acyl	acyl	Br	NH ₂	NH ₂
acyl	acyl	Br	NH ₂	NH-cyclopropyl
acyl	acyl	Br	NH ₂	NH-methyl
acyl	acyl	Br	NH ₂	NH-ethyl
acyl	acyl	Br	NH ₂	NH-acetyl
acyl	acyl	Br	NH ₂	OH
acyl	acyl	Br	NH ₂	OMe
acyl	acyl	Br	NH ₂	OEt
acyl	acyl	Br	NH ₂	O-cyclopropyl
acyl	acyl	Br	NH ₂	O-acetyl
acyl	acyl	Br	NH ₂	SH
acyl	acyl	Br	NH ₂	SMe
acyl	acyl	Br	NH ₂	SEt
acyl	acyl	Br	NH ₂	S-cyclopropyl
acyl	acyl	Br	NH ₂	F
acyl	acyl	Br	NH ₂	Cl
acyl	acyl	Br	NH ₂	Br
acyl	acyl	Br	NH ₂	I
acyl	amino acid	Br	NH ₂	H
acyl	amino acid	Br	NH ₂	NH ₂
acyl	amino acid	Br	NH ₂	NH-cyclopropyl
acyl	amino acid	Br	NH ₂	NH-methyl
acyl	amino acid	Br	NH ₂	NH-ethyl
acyl	amino acid	Br	NH ₂	NH-acetyl
acyl	amino acid	Br	NH ₂	OH
acyl	amino acid	Br	NH ₂	OMe
acyl	amino acid	Br	NH ₂	OEt
acyl	amino acid	Br	NH ₂	O-cyclopropyl
acyl	amino acid	Br	NH ₂	O-acetyl
acyl	amino acid	Br	NH ₂	SH
acyl	amino acid	Br	NH ₂	SMe
acyl	amino acid	Br	NH ₂	SEt
acyl	amino acid	Br	NH ₂	S-cyclopropyl
acyl	amino acid	Br	NH ₂	F
acyl	amino acid	Br	NH ₂	Cl
acyl	amino acid	Br	NH ₂	Br
acyl	amino acid	Br	NH ₂	I
H	acyl	Br	NH ₂	H
H	acyl	Br	NH ₂	NH ₂
H	acyl	Br	NH ₂	NH-cyclopropyl
H	acyl	Br	NH ₂	NH-methyl
H	acyl	Br	NH ₂	NH-ethyl
H	acyl	Br	NH ₂	NH-acetyl
H	acyl	Br	NH ₂	OH
H	acyl	Br	NH ₂	OMe
H	acyl	Br	NH ₂	OEt
H	acyl	Br	NH ₂	O-cyclopropyl
H	acyl	Br	NH ₂	O-acetyl
H	acyl	Br	NH ₂	SH
H	acyl	Br	NH ₂	SMe
H	acyl	Br	NH ₂	SEt
H	acyl	Br	NH ₂	S-cyclopropyl
H	acyl	Br	NH ₂	F
H	acyl	Br	NH ₂	Cl
H	acyl	Br	NH ₂	Br
H	acyl	Br	NH ₂	I
H	amino acid	Br	NH ₂	H
H	amino acid	Br	NH ₂	NH ₂
H	amino acid	Br	NH ₂	NH-cyclopropyl
H	amino acid	Br	NH ₂	NH-methyl
H	amino acid	Br	NH ₂	NH-ethyl
H	amino acid	Br	NH ₂	NH-acetyl
H	amino acid	Br	NH ₂	OH
H	amino acid	Br	NH ₂	OMe
H	amino acid	Br	NH ₂	OEt
H	amino acid	Br	NH ₂	O-cyclopropyl
H	amino acid	Br	NH ₂	O-acetyl

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TABLE 13-continued

R ²	R ³	X ¹	X ²	Y	
5	H	amino acid	Br	NH ₂	SH
	H	amino acid	Br	NH ₂	SMe
	H	amino acid	Br	NH ₂	SEt
	H	amino acid	Br	NH ₂	S-cyclopropyl
	H	amino acid	Br	NH ₂	F
10	H	amino acid	Br	NH ₂	Cl
	H	amino acid	Br	NH ₂	Br
	H	amino acid	Br	NH ₂	I
	amino acid	amino acid	Br	NH ₂	H
	amino acid	amino acid	Br	NH ₂	NH ₂
15	amino acid	amino acid	Br	NH ₂	NH-cyclopropyl
	amino acid	amino acid	Br	NH ₂	NH-methyl
	amino acid	amino acid	Br	NH ₂	NH-ethyl
	amino acid	amino acid	Br	NH ₂	NH-acetyl
	amino acid	amino acid	Br	NH ₂	OH
20	amino acid	amino acid	Br	NH ₂	OMe
	amino acid	amino acid	Br	NH ₂	OEt
	amino acid	amino acid	Br	NH ₂	O-cyclopropyl
	amino acid	amino acid	Br	NH ₂	O-acetyl
	amino acid	amino acid	Br	NH ₂	SH
25	amino acid	amino acid	Br	NH ₂	SMe
	amino acid	amino acid	Br	NH ₂	SEt
	amino acid	amino acid	Br	NH ₂	S-cyclopropyl
	amino acid	amino acid	Br	NH ₂	F
	amino acid	amino acid	Br	NH ₂	Cl
30	amino acid	amino acid	Br	NH ₂	Br
	amino acid	amino acid	Br	NH ₂	I
	amino acid	H	Br	NH ₂	H
	amino acid	H	Br	NH ₂	NH ₂
	amino acid	H	Br	NH ₂	NH-cyclopropyl
35	amino acid	H	Br	NH ₂	NH-methyl
	amino acid	H	Br	NH ₂	NH-ethyl
	amino acid	H	Br	NH ₂	NH-acetyl
	amino acid	H	Br	NH ₂	OH
	amino acid	H	Br	NH ₂	OMe
40	amino acid	H	Br	NH ₂	OEt
	amino acid	H	Br	NH ₂	O-cyclopropyl
	amino acid	H	Br	NH ₂	O-acetyl
	amino acid	H	Br	NH ₂	SH
	amino acid	H	Br	NH ₂	SMe
45	amino acid	H	Br	NH ₂	SEt
	amino acid	H	Br	NH ₂	S-cyclopropyl
	amino acid	H	Br	NH ₂	F
	amino acid	H	Br	NH ₂	Cl
	amino acid	H	Br	NH ₂	Br
50	amino acid	H	Br	NH ₂	I
	amino acid	acyl	Br	NH ₂	H
	amino acid	acyl	Br	NH ₂	NH ₂
	amino acid	acyl	Br	NH ₂	NH-cyclopropyl
	amino acid	acyl	Br	NH ₂	NH-methyl
55	amino acid	acyl	Br	NH ₂	NH-ethyl
	amino acid	acyl	Br	NH ₂	NH-acetyl
	amino acid	acyl	Br	NH ₂	OH
	amino acid	acyl	Br	NH ₂	OMe
	amino acid	acyl	Br	NH ₂	OEt
60	amino acid	acyl	Br	NH ₂	O-cyclopropyl
	amino acid	acyl	Br	NH ₂	O-acetyl
	amino acid	acyl	Br	NH ₂	SH
	amino acid	acyl	Br	NH ₂	SMe
	amino acid	acyl	Br	NH ₂	SEt
65	amino acid	acyl	Br	NH ₂	S-cyclopropyl
	amino acid	acyl	Br	NH ₂	F
	amino acid	acyl	Br	NH ₂	Cl
	amino acid	acyl	Br	NH ₂	Br
	acyl	H	Cl	NH ₂	I
	acyl	H	Cl	NH ₂	H
	acyl	H	Cl	NH ₂	NH ₂
	acyl	H	Cl	NH ₂	NH-cyclopropyl
	acyl	H	Cl	NH ₂	NH-methyl
	acyl	H	Cl	NH ₂	NH-ethyl
	acyl	H	Cl	NH ₂	NH-acetyl
	acyl	H	Cl	NH ₂	OH
	acyl	H	Cl	NH ₂	OMe
	acyl	H	Cl	NH ₂	OEt
	acyl	H	Cl	NH ₂	O-cyclopropyl
	acyl	H	Cl	NH ₂	O-acetyl
	acyl	H	Cl	NH ₂	SH

TABLE 13-continued

R ²	R ³	X ¹	X ²	Y
acyl	H	Cl	NH ₂	SMe
acyl	H	Cl	NH ₂	SEt
acyl	H	Cl	NH ₂	S-cyclopropyl
acyl	H	Cl	NH ₂	F
acyl	H	Cl	NH ₂	Cl
acyl	H	Cl	NH ₂	Br
acyl	H	Cl	NH ₂	I
acyl	acyl	Cl	NH ₂	H
acyl	acyl	Cl	NH ₂	NH ₂
acyl	acyl	Cl	NH ₂	NH-cyclopropyl
acyl	acyl	Cl	NH ₂	NH-methyl
acyl	acyl	Cl	NH ₂	NH-ethyl
acyl	acyl	Cl	NH ₂	NH-acetyl
acyl	acyl	Cl	NH ₂	OH
acyl	acyl	Cl	NH ₂	OMe
acyl	acyl	Cl	NH ₂	OEt
acyl	acyl	Cl	NH ₂	O-cyclopropyl
acyl	acyl	Cl	NH ₂	O-acetyl
acyl	acyl	Cl	NH ₂	SH
acyl	acyl	Cl	NH ₂	SMe
acyl	acyl	Cl	NH ₂	SEt
acyl	acyl	Cl	NH ₂	S-cyclopropyl
acyl	acyl	Cl	NH ₂	F
acyl	acyl	Cl	NH ₂	Cl
acyl	acyl	Cl	NH ₂	Br
acyl	acyl	Cl	NH ₂	I
acyl	amino acid	Cl	NH ₂	H
acyl	amino acid	Cl	NH ₂	NH ₂
acyl	amino acid	Cl	NH ₂	NH-cyclopropyl
acyl	amino acid	Cl	NH ₂	NH-methyl
acyl	amino acid	Cl	NH ₂	NH-ethyl
acyl	amino acid	Cl	NH ₂	NH-acetyl
acyl	amino acid	Cl	NH ₂	OH
acyl	amino acid	Cl	NH ₂	OMe
acyl	amino acid	Cl	NH ₂	OEt
acyl	amino acid	Cl	NH ₂	O-cyclopropyl
acyl	amino acid	Cl	NH ₂	O-acetyl
acyl	amino acid	Cl	NH ₂	SH
acyl	amino acid	Cl	NH ₂	SMe
acyl	amino acid	Cl	NH ₂	SEt
acyl	amino acid	Cl	NH ₂	S-cyclopropyl
acyl	amino acid	Cl	NH ₂	F
acyl	amino acid	Cl	NH ₂	Cl
acyl	amino acid	Cl	NH ₂	Br
acyl	amino acid	Cl	NH ₂	I
H	acyl	Cl	NH ₂	H
H	acyl	Cl	NH ₂	NH ₂
H	acyl	Cl	NH ₂	NH-cyclopropyl
H	acyl	Cl	NH ₂	NH-methyl
H	acyl	Cl	NH ₂	NH-ethyl
H	acyl	Cl	NH ₂	NH-acetyl
H	acyl	Cl	NH ₂	OH
H	acyl	Cl	NH ₂	OMe
H	acyl	Cl	NH ₂	OEt
H	acyl	Cl	NH ₂	O-cyclopropyl
H	acyl	Cl	NH ₂	O-acetyl
H	acyl	Cl	NH ₂	SH
H	acyl	Cl	NH ₂	SMe
H	acyl	Cl	NH ₂	SEt
H	acyl	Cl	NH ₂	S-cyclopropyl
H	acyl	Cl	NH ₂	F
H	acyl	Cl	NH ₂	Cl
H	acyl	Cl	NH ₂	Br
H	acyl	Cl	NH ₂	I
H	amino acid	Cl	NH ₂	H
H	amino acid	Cl	NH ₂	NH ₂
H	amino acid	Cl	NH ₂	NH-cyclopropyl
H	amino acid	Cl	NH ₂	NH-methyl
H	amino acid	Cl	NH ₂	NH-ethyl
H	amino acid	Cl	NH ₂	NH-acetyl
H	amino acid	Cl	NH ₂	OH
H	amino acid	Cl	NH ₂	OMe
H	amino acid	Cl	NH ₂	OEt
H	amino acid	Cl	NH ₂	O-cyclopropyl
H	amino acid	Cl	NH ₂	O-acetyl
H	amino acid	Cl	NH ₂	SH
H	amino acid	Cl	NH ₂	SMe
H	amino acid	Cl	NH ₂	SEt

TABLE 13-continued

R ²	R ³	X ¹	X ²	Y
5	H	amino acid	Cl	NH ₂
	H	amino acid	Cl	NH ₂
	H	amino acid	Cl	NH ₂
	H	amino acid	Cl	NH ₂
	H	amino acid	Cl	NH ₂
	H	amino acid	Cl	NH ₂
10	amino acid	amino acid	Cl	NH ₂
	amino acid	amino acid	Cl	NH ₂
	amino acid	amino acid	Cl	NH ₂
	amino acid	amino acid	Cl	NH ₂
	amino acid	amino acid	Cl	NH ₂
	amino acid	amino acid	Cl	NH ₂
	amino acid	amino acid	Cl	NH ₂
	amino acid	amino acid	Cl	NH ₂
15	amino acid	amino acid	Cl	NH ₂
	amino acid	amino acid	Cl	NH ₂
	amino acid	amino acid	Cl	NH ₂
	amino acid	amino acid	Cl	NH ₂
	amino acid	amino acid	Cl	NH ₂
	amino acid	amino acid	Cl	NH ₂
	amino acid	amino acid	Cl	NH ₂
	amino acid	amino acid	Cl	NH ₂
	amino acid	amino acid	Cl	NH ₂
20	amino acid	amino acid	Cl	NH ₂
	amino acid	amino acid	Cl	NH ₂
	amino acid	amino acid	Cl	NH ₂
	amino acid	amino acid	Cl	NH ₂
	amino acid	amino acid	Cl	NH ₂
	amino acid	amino acid	Cl	NH ₂
	amino acid	amino acid	Cl	NH ₂
	amino acid	amino acid	Cl	NH ₂
	amino acid	amino acid	Cl	NH ₂
25	amino acid	H	Cl	NH ₂
	amino acid	H	Cl	NH ₂
	amino acid	H	Cl	NH ₂
	amino acid	H	Cl	NH ₂
	amino acid	H	Cl	NH ₂
	amino acid	H	Cl	NH ₂
	amino acid	H	Cl	NH ₂
	amino acid	H	Cl	NH ₂
	amino acid	H	Cl	NH ₂
	amino acid	H	Cl	NH ₂
30	amino acid	H	Cl	NH ₂
	amino acid	H	Cl	NH ₂
	amino acid	H	Cl	NH ₂
	amino acid	H	Cl	NH ₂
	amino acid	H	Cl	NH ₂
	amino acid	H	Cl	NH ₂
	amino acid	H	Cl	NH ₂
	amino acid	H	Cl	NH ₂
	amino acid	H	Cl	NH ₂
	amino acid	H	Cl	NH ₂
35	amino acid	H	Cl	NH ₂
	amino acid	H	Cl	NH ₂
	amino acid	H	Cl	NH ₂
	amino acid	H	Cl	NH ₂
	amino acid	H	Cl	NH ₂
	amino acid	H	Cl	NH ₂
	amino acid	H	Cl	NH ₂
	amino acid	H	Cl	NH ₂
	amino acid	H	Cl	NH ₂
	amino acid	H	Cl	NH ₂
40	amino acid	acyl	Cl	NH ₂
	amino acid	acyl	Cl	NH ₂
	amino acid	acyl	Cl	NH ₂
	amino acid	acyl	Cl	NH ₂
	amino acid	acyl	Cl	NH ₂
	amino acid	acyl	Cl	NH ₂
	amino acid	acyl	Cl	NH ₂
	amino acid	acyl	Cl	NH ₂
	amino acid	acyl	Cl	NH ₂
	amino acid	acyl	Cl	NH ₂
45	amino acid	acyl	Cl	NH ₂
	amino acid	acyl	Cl	NH ₂
	amino acid	acyl	Cl	NH ₂
	amino acid	acyl	Cl	NH ₂
	amino acid	acyl	Cl	NH ₂
	amino acid	acyl	Cl	NH ₂
	amino acid	acyl	Cl	NH ₂
	amino acid	acyl	Cl	NH ₂
	amino acid	acyl	Cl	NH ₂
	amino acid	acyl	Cl	NH ₂
50	amino acid	acyl	Cl	NH ₂
	amino acid	acyl	Cl	NH ₂
	amino acid	acyl	Cl	NH ₂
	amino acid	acyl	Cl	NH ₂
	amino acid	acyl	Cl	NH ₂
	amino acid	acyl	Cl	NH ₂
	amino acid	acyl	Cl	NH ₂
	amino acid	acyl	Cl	NH ₂
	amino acid	acyl	Cl	NH ₂
	amino acid	acyl	Cl	NH ₂
55	amino acid	acyl	Cl	NH ₂
	acyl	H	F	NH ₂
	acyl	H	F	NH ₂
	acyl	H	F	NH ₂
	acyl	H	F	NH ₂
	acyl	H	F	NH ₂
	acyl	H	F	NH ₂
	acyl	H	F	NH ₂
	acyl	H	F	NH ₂
	acyl	H	F	NH ₂
	acyl	H	F	NH ₂
60	acyl	H	F	NH ₂
	acyl	H	F	NH ₂
	acyl	H	F	NH ₂
	acyl	H	F	NH ₂
	acyl	H	F	NH ₂
	acyl	H	F	NH ₂
	acyl	H	F	NH ₂
	acyl	H	F	NH ₂
	acyl	H	F	NH ₂
	acyl	H	F	NH ₂
65	acyl	H	F	NH ₂
	acyl	H	F	NH ₂

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TABLE 13-continued

R ²	R ³	X ¹	X ²	Y
acyl	H	F	NH ₂	S-cyclopropyl
acyl	H	F	NH ₂	F
acyl	H	F	NH ₂	Cl
acyl	H	F	NH ₂	Br
acyl	H	F	NH ₂	I
acyl	acyl	F	NH ₂	H
acyl	acyl	F	NH ₂	NH ₂
acyl	acyl	F	NH ₂	NH-cyclopropyl
acyl	acyl	F	NH ₂	NH-methyl
acyl	acyl	F	NH ₂	NH-ethyl
acyl	acyl	F	NH ₂	NH-acetyl
acyl	acyl	F	NH ₂	OH
acyl	acyl	F	NH ₂	OMe
acyl	acyl	F	NH ₂	OEt
acyl	acyl	F	NH ₂	O-cyclopropyl
acyl	acyl	F	NH ₂	O-acetyl
acyl	acyl	F	NH ₂	SH
acyl	acyl	F	NH ₂	SMe
acyl	acyl	F	NH ₂	SEt
acyl	acyl	F	NH ₂	S-cyclopropyl
acyl	acyl	F	NH ₂	F
acyl	acyl	F	NH ₂	Cl
acyl	acyl	F	NH ₂	Br
acyl	acyl	F	NH ₂	I
acyl	amino acid	F	NH ₂	H
acyl	amino acid	F	NH ₂	NH ₂
acyl	amino acid	F	NH ₂	NH-cyclopropyl
acyl	amino acid	F	NH ₂	NH-methyl
acyl	amino acid	F	NH ₂	NH-ethyl
acyl	amino acid	F	NH ₂	NH-acetyl
acyl	amino acid	F	NH ₂	OH
acyl	amino acid	F	NH ₂	OMe
acyl	amino acid	F	NH ₂	OEt
acyl	amino acid	F	NH ₂	O-cyclopropyl
acyl	amino acid	F	NH ₂	O-acetyl
acyl	amino acid	F	NH ₂	SH
acyl	amino acid	F	NH ₂	SMe
acyl	amino acid	F	NH ₂	SEt
acyl	amino acid	F	NH ₂	S-cyclopropyl
acyl	amino acid	F	NH ₂	F
acyl	amino acid	F	NH ₂	Cl
acyl	amino acid	F	NH ₂	Br
acyl	amino acid	F	NH ₂	I
H	acyl	F	NH ₂	H
H	acyl	F	NH ₂	NH ₂
H	acyl	F	NH ₂	NH-cyclopropyl
H	acyl	F	NH ₂	NH-methyl
H	acyl	F	NH ₂	NH-ethyl
H	acyl	F	NH ₂	NH-acetyl
H	acyl	F	NH ₂	OH
H	acyl	F	NH ₂	OMe
H	acyl	F	NH ₂	OEt
H	acyl	F	NH ₂	O-cyclopropyl
H	acyl	F	NH ₂	O-acetyl
H	acyl	F	NH ₂	SH
H	acyl	F	NH ₂	SMe
H	acyl	F	NH ₂	SEt
H	acyl	F	NH ₂	S-cyclopropyl
H	acyl	F	NH ₂	F
H	acyl	F	NH ₂	Cl
H	acyl	F	NH ₂	Br
H	acyl	F	NH ₂	I
H	amino acid	F	NH ₂	H
H	amino acid	F	NH ₂	NH ₂
H	amino acid	F	NH ₂	NH-cyclopropyl
H	amino acid	F	NH ₂	NH-methyl
H	amino acid	F	NH ₂	NH-ethyl
H	amino acid	F	NH ₂	NH-acetyl
H	amino acid	F	NH ₂	OH
H	amino acid	F	NH ₂	OMe
H	amino acid	F	NH ₂	OEt
H	amino acid	F	NH ₂	O-cyclopropyl
H	amino acid	F	NH ₂	O-acetyl
H	amino acid	F	NH ₂	SH
H	amino acid	F	NH ₂	SMe
H	amino acid	F	NH ₂	SEt
H	amino acid	F	NH ₂	S-cyclopropyl

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TABLE 13-continued

R ²	R ³	X ¹	X ²	Y
5	H	amino acid	F	NH ₂
	H	amino acid	F	NH ₂
	H	amino acid	F	NH ₂
	H	amino acid	F	NH ₂
	amino acid	amino acid	F	NH ₂
	amino acid	amino acid	F	NH ₂
10	amino acid	amino acid	F	NH ₂
	amino acid	amino acid	F	NH ₂
	amino acid	amino acid	F	NH ₂
	amino acid	amino acid	F	NH ₂
	amino acid	amino acid	F	NH ₂
	amino acid	amino acid	F	NH ₂
	amino acid	amino acid	F	NH ₂
	amino acid	amino acid	F	NH ₂
	amino acid	amino acid	F	NH ₂
15	amino acid	amino acid	F	NH ₂
	amino acid	amino acid	F	NH ₂
	amino acid	amino acid	F	NH ₂
	amino acid	amino acid	F	NH ₂
	amino acid	amino acid	F	NH ₂
	amino acid	amino acid	F	NH ₂
	amino acid	amino acid	F	NH ₂
	amino acid	amino acid	F	NH ₂
20	amino acid	amino acid	F	NH ₂
	amino acid	amino acid	F	NH ₂
	amino acid	amino acid	F	NH ₂
	amino acid	amino acid	F	NH ₂
	amino acid	amino acid	F	NH ₂
	amino acid	amino acid	F	NH ₂
	amino acid	amino acid	F	NH ₂
	amino acid	amino acid	F	NH ₂
25	amino acid	H	F	NH ₂
	amino acid	H	F	NH ₂
	amino acid	H	F	NH ₂
	amino acid	H	F	NH ₂
	amino acid	H	F	NH ₂
	amino acid	H	F	NH ₂
	amino acid	H	F	NH ₂
	amino acid	H	F	NH ₂
	amino acid	H	F	NH ₂
30	amino acid	H	F	NH ₂
	amino acid	H	F	NH ₂
	amino acid	H	F	NH ₂
	amino acid	H	F	NH ₂
	amino acid	H	F	NH ₂
	amino acid	H	F	NH ₂
	amino acid	H	F	NH ₂
	amino acid	H	F	NH ₂
	amino acid	H	F	NH ₂
35	amino acid	H	F	NH ₂
	amino acid	H	F	NH ₂
	amino acid	H	F	NH ₂
	amino acid	H	F	NH ₂
	amino acid	H	F	NH ₂
	amino acid	H	F	NH ₂
	amino acid	H	F	NH ₂
	amino acid	H	F	NH ₂
	amino acid	H	F	NH ₂
40	amino acid	acyl	F	NH ₂
	amino acid	acyl	F	NH ₂
	amino acid	acyl	F	NH ₂
	amino acid	acyl	F	NH ₂
	amino acid	acyl	F	NH ₂
	amino acid	acyl	F	NH ₂
	amino acid	acyl	F	NH ₂
	amino acid	acyl	F	NH ₂
	amino acid	acyl	F	NH ₂
45	amino acid	acyl	F	NH ₂
	amino acid	acyl	F	NH ₂
	amino acid	acyl	F	NH ₂
	amino acid	acyl	F	NH ₂
	amino acid	acyl	F	NH ₂
	amino acid	acyl	F	NH ₂
	amino acid	acyl	F	NH ₂
	amino acid	acyl	F	NH ₂
	amino acid	acyl	F	NH ₂
50	amino acid	acyl	F	NH ₂
	amino acid	acyl	F	NH ₂
	amino acid	acyl	F	NH ₂
	amino acid	acyl	F	NH ₂
	amino acid	acyl	F	NH ₂
	amino acid	acyl	F	NH ₂
	amino acid	acyl	F	NH ₂
	amino acid	acyl	F	NH ₂
	amino acid	acyl	F	NH ₂
55	acyl	H	NH ₂	NH ₂
	acyl	H	NH ₂	NH ₂
	acyl	H	NH ₂	NH ₂
	acyl	H	NH ₂	NH ₂
	acyl	H	NH ₂	NH ₂
	acyl	H	NH ₂	NH ₂
	acyl	H	NH ₂	NH ₂
	acyl	H	NH ₂	NH ₂
	acyl	H	NH ₂	NH ₂
60	acyl	H	NH ₂	NH ₂
	acyl	H	NH ₂	NH ₂
	acyl	H	NH ₂	NH ₂
	acyl	H	NH ₂	NH ₂
	acyl	H	NH ₂	NH ₂
	acyl	H	NH ₂	NH ₂
	acyl	H	NH ₂	NH ₂
	acyl	H	NH ₂	NH ₂
	acyl	H	NH ₂	NH ₂
65	acyl	H	NH ₂	NH ₂
	acyl	H	NH ₂	NH ₂

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TABLE 13-continued

R ²	R ³	X ¹	X ²	Y
acyl	H	NH ₂	NH ₂	Cl
acyl	H	NH ₂	NH ₂	Br
acyl	H	NH ₂	NH ₂	I
acyl	acyl	NH ₂	NH ₂	H
acyl	acyl	NH ₂	NH ₂	NH ₂
acyl	acyl	NH ₂	NH ₂	NH-cyclopropyl
acyl	acyl	NH ₂	NH ₂	NH-methyl
acyl	acyl	NH ₂	NH ₂	NH-ethyl
acyl	acyl	NH ₂	NH ₂	NH-acetyl
acyl	acyl	NH ₂	NH ₂	OH
acyl	acyl	NH ₂	NH ₂	OMe
acyl	acyl	NH ₂	NH ₂	OEt
acyl	acyl	NH ₂	NH ₂	O-cyclopropyl
acyl	acyl	NH ₂	NH ₂	O-acetyl
acyl	acyl	NH ₂	NH ₂	SH
acyl	acyl	NH ₂	NH ₂	SMe
acyl	acyl	NH ₂	NH ₂	SEt
acyl	acyl	NH ₂	NH ₂	S-cyclopropyl
acyl	acyl	NH ₂	NH ₂	F
acyl	acyl	NH ₂	NH ₂	Cl
acyl	acyl	NH ₂	NH ₂	Br
acyl	acyl	NH ₂	NH ₂	I
acyl	amino acid	NH ₂	NH ₂	H
acyl	amino acid	NH ₂	NH ₂	NH ₂
acyl	amino acid	NH ₂	NH ₂	NH-cyclopropyl
acyl	amino acid	NH ₂	NH ₂	NH-methyl
acyl	amino acid	NH ₂	NH ₂	NH-ethyl
acyl	amino acid	NH ₂	NH ₂	NH-acetyl
acyl	amino acid	NH ₂	NH ₂	OH
acyl	amino acid	NH ₂	NH ₂	OMe
acyl	amino acid	NH ₂	NH ₂	OEt
acyl	amino acid	NH ₂	NH ₂	O-cyclopropyl
acyl	amino acid	NH ₂	NH ₂	O-acetyl
acyl	amino acid	NH ₂	NH ₂	SH
acyl	amino acid	NH ₂	NH ₂	SMe
acyl	amino acid	NH ₂	NH ₂	SEt
acyl	amino acid	NH ₂	NH ₂	S-cyclopropyl
acyl	amino acid	NH ₂	NH ₂	F
acyl	amino acid	NH ₂	NH ₂	Cl
acyl	amino acid	NH ₂	NH ₂	Br
acyl	amino acid	NH ₂	NH ₂	I
H	acyl	NH ₂	NH ₂	H
H	acyl	NH ₂	NH ₂	NH ₂
H	acyl	NH ₂	NH ₂	NH-cyclopropyl
H	acyl	NH ₂	NH ₂	NH-methyl
H	acyl	NH ₂	NH ₂	NH-ethyl
H	acyl	NH ₂	NH ₂	NH-acetyl
H	acyl	NH ₂	NH ₂	OH
H	acyl	NH ₂	NH ₂	OMe
H	acyl	NH ₂	NH ₂	OEt
H	acyl	NH ₂	NH ₂	O-cyclopropyl
H	acyl	NH ₂	NH ₂	O-acetyl
H	acyl	NH ₂	NH ₂	SH
H	acyl	NH ₂	NH ₂	SMe
H	acyl	NH ₂	NH ₂	SEt
H	acyl	NH ₂	NH ₂	S-cyclopropyl
H	acyl	NH ₂	NH ₂	F
H	acyl	NH ₂	NH ₂	Cl
H	acyl	NH ₂	NH ₂	Br
H	acyl	NH ₂	NH ₂	I
H	amino acid	NH ₂	NH ₂	H
H	amino acid	NH ₂	NH ₂	NH ₂
H	amino acid	NH ₂	NH ₂	NH-cyclopropyl
H	amino acid	NH ₂	NH ₂	NH-methyl
H	amino acid	NH ₂	NH ₂	NH-ethyl
H	amino acid	NH ₂	NH ₂	NH-acetyl
H	amino acid	NH ₂	NH ₂	OH
H	amino acid	NH ₂	NH ₂	OMe
H	amino acid	NH ₂	NH ₂	OEt
H	amino acid	NH ₂	NH ₂	O-cyclopropyl
H	amino acid	NH ₂	NH ₂	O-acetyl
H	amino acid	NH ₂	NH ₂	SH
H	amino acid	NH ₂	NH ₂	SMe
H	amino acid	NH ₂	NH ₂	SEt
H	amino acid	NH ₂	NH ₂	S-cyclopropyl
H	amino acid	NH ₂	NH ₂	F
H	amino acid	NH ₂	NH ₂	Cl
H	amino acid	NH ₂	NH ₂	Br
H	amino acid	NH ₂	NH ₂	I

TABLE 13-continued

	R ²	R ³	X ¹	X ²	Y
5	H	amino acid	NH ₂	NH ₂	Br
	H	amino acid	NH ₂	NH ₂	I
	amino acid	amino acid	NH ₂	NH ₂	H
	amino acid	amino acid	NH ₂	NH ₂	NH ₂
	amino acid	amino acid	NH ₂	NH ₂	NH-cyclopropyl
	amino acid	amino acid	NH ₂	NH ₂	NH-methyl
10	amino acid	amino acid	NH ₂	NH ₂	NH-ethyl
	amino acid	amino acid	NH ₂	NH ₂	NH-acetyl
	amino acid	amino acid	NH ₂	NH ₂	OH
	amino acid	amino acid	NH ₂	NH ₂	OMe
	amino acid	amino acid	NH ₂	NH ₂	OEt
	amino acid	amino acid	NH ₂	NH ₂	O-cyclopropyl
15	amino acid	amino acid	NH ₂	NH ₂	O-acetyl
	amino acid	amino acid	NH ₂	NH ₂	SH
	amino acid	amino acid	NH ₂	NH ₂	SMe
	amino acid	amino acid	NH ₂	NH ₂	SEt
	amino acid	amino acid	NH ₂	NH ₂	S-cyclopropyl
	amino acid	amino acid	NH ₂	NH ₂	F
20	amino acid	amino acid	NH ₂	NH ₂	Cl
	amino acid	amino acid	NH ₂	NH ₂	Br
	amino acid	amino acid	NH ₂	NH ₂	I
	amino acid	H	NH ₂	NH ₂	H
	amino acid	H	NH ₂	NH ₂	NH ₂
	amino acid	H	NH ₂	NH ₂	NH-cyclopropyl
25	amino acid	H	NH ₂	NH ₂	NH-methyl
	amino acid	H	NH ₂	NH ₂	NH-ethyl
	amino acid	H	NH ₂	NH ₂	NH-acetyl
	amino acid	H	NH ₂	NH ₂	OH
	amino acid	H	NH ₂	NH ₂	OMe
	amino acid	H	NH ₂	NH ₂	OEt
	amino acid	H	NH ₂	NH ₂	O-cyclopropyl
30	amino acid	H	NH ₂	NH ₂	O-acetyl
	amino acid	H	NH ₂	NH ₂	SH
	amino acid	H	NH ₂	NH ₂	SMe
	amino acid	H	NH ₂	NH ₂	SEt
	amino acid	H	NH ₂	NH ₂	S-cyclopropyl
	amino acid	H	NH ₂	NH ₂	F
35	amino acid	H	NH ₂	NH ₂	Cl
	amino acid	H	NH ₂	NH ₂	Br
	amino acid	H	NH ₂	NH ₂	I
	amino acid	acyl	NH ₂	NH ₂	H
	amino acid	acyl	NH ₂	NH ₂	NH ₂
	amino acid	acyl	NH ₂	NH ₂	NH-cyclopropyl
40	amino acid	acyl	NH ₂	NH ₂	NH-methyl
	amino acid	acyl	NH ₂	NH ₂	NH-ethyl
	amino acid	acyl	NH ₂	NH ₂	NH-acetyl
	amino acid	acyl	NH ₂	NH ₂	OH
	amino acid	acyl	NH ₂	NH ₂	OMe
	amino acid	acyl	NH ₂	NH ₂	OEt
	amino acid	acyl	NH ₂	NH ₂	O-cyclopropyl
45	amino acid	acyl	NH ₂	NH ₂	O-acetyl
	amino acid	acyl	NH ₂	NH ₂	SH
	amino acid	acyl	NH ₂	NH ₂	SMe
	amino acid	acyl	NH ₂	NH ₂	SEt
	amino acid	acyl	NH ₂	NH ₂	S-cyclopropyl
	amino acid	acyl	NH ₂	NH ₂	F
50	amino acid	acyl	NH ₂	NH ₂	Cl
	amino acid	acyl	NH ₂	NH ₂	Br
	amino acid	acyl	NH ₂	NH ₂	I
	acyl	H	SH	NH ₂	H
	acyl	H	SH	NH ₂	NH ₂
	acyl	H	SH	NH ₂	NH-cyclopropyl
55	acyl	H	SH	NH ₂	NH-methyl
	acyl	H	SH	NH ₂	NH-ethyl
	acyl	H	SH	NH ₂	NH-acetyl
	acyl	H	SH	NH ₂	OH
	acyl	H	SH	NH ₂	OMe
	acyl	H	SH	NH ₂	OEt
	acyl	H	SH	NH ₂	O-cyclopropyl
60	acyl	H	SH	NH ₂	O-acetyl
	acyl	H	SH	NH ₂	SH
	acyl	H	SH	NH ₂	SMe
	acyl	H	SH	NH ₂	SEt
	acyl	H	SH	NH ₂	S-cyclopropyl
	acyl	H	SH	NH ₂	F

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TABLE 13-continued

R ²	R ³	X ¹	X ²	Y
acyl	H	SH	NH ₂	I
acyl	acyl	SH	NH ₂	H
acyl	acyl	SH	NH ₂	NH ₂
acyl	acyl	SH	NH ₂	NH-cyclopropyl
acyl	acyl	SH	NH ₂	NH-methyl
acyl	acyl	SH	NH ₂	NH-ethyl
acyl	acyl	SH	NH ₂	NH-acetyl
acyl	acyl	SH	NH ₂	OH
acyl	acyl	SH	NH ₂	OMe
acyl	acyl	SH	NH ₂	OEt
acyl	acyl	SH	NH ₂	O-cyclopropyl
acyl	acyl	SH	NH ₂	O-acetyl
acyl	acyl	SH	NH ₂	SH
acyl	acyl	SH	NH ₂	SMe
acyl	acyl	SH	NH ₂	SEt
acyl	acyl	SH	NH ₂	S-cyclopropyl
acyl	acyl	SH	NH ₂	F
acyl	acyl	SH	NH ₂	Cl
acyl	acyl	SH	NH ₂	Br
acyl	acyl	SH	NH ₂	I
acyl	amino acid	SH	NH ₂	H
acyl	amino acid	SH	NH ₂	NH ₃
acyl	amino acid	SH	NH ₂	NH-cyclopropyl
acyl	amino acid	SH	NH ₂	NH-methyl
acyl	amino acid	SH	NH ₂	NH-ethyl
acyl	amino acid	SH	NH ₂	NH-acetyl
acyl	amino acid	SH	NH ₂	OH
acyl	amino acid	SH	NH ₂	OMe
acyl	amino acid	SH	NH ₂	OEt
acyl	amino acid	SH	NH ₂	O-cyclopropyl
acyl	amino acid	SH	NH ₂	O-acetyl
acyl	amino acid	SH	NH ₂	SH
acyl	amino acid	SH	NH ₂	SMe
acyl	amino acid	SH	NH ₂	SEt
acyl	amino acid	SH	NH ₂	S-cyclopropyl
acyl	amino acid	SH	NH ₂	F
acyl	amino acid	SH	NH ₂	Cl
acyl	amino acid	SH	NH ₂	Br
acyl	amino acid	SH	NH ₂	I
H	acyl	SH	NH ₂	H
H	acyl	SH	NH ₂	NH ₂
H	acyl	SH	NH ₂	NH-cyclopropyl
H	acyl	SH	NH ₂	NH-methyl
H	acyl	SH	NH ₂	NH-ethyl
H	acyl	SH	NH ₂	NH-acetyl
H	acyl	SH	NH ₂	OH
H	acyl	SH	NH ₂	OMe
H	acyl	SH	NH ₂	OEt
H	acyl	SH	NH ₂	O-cyclopropyl
H	acyl	SH	NH ₂	O-acetyl
H	acyl	SH	NH ₂	SH
H	acyl	SH	NH ₂	SMe
H	acyl	SH	NH ₂	SEt
H	acyl	SH	NH ₂	S-cyclopropyl
H	acyl	SH	NH ₂	F
H	acyl	SH	NH ₂	Cl
H	acyl	SH	NH ₂	Br
H	acyl	SH	NH ₂	I
H	amino acid	SH	NH ₂	H
H	amino acid	SH	NH ₂	NH ₂
H	amino acid	SH	NH ₂	NH-cyclopropyl
H	amino acid	SH	NH ₂	NH-methyl
H	amino acid	SH	NH ₂	NH-ethyl
H	amino acid	SH	NH ₂	NH-acetyl
H	amino acid	SH	NH ₂	OH
H	amino acid	SH	NH ₂	OMe
H	amino acid	SH	NH ₂	OEt
H	amino acid	SH	NH ₂	O-cyclopropyl
H	amino acid	SH	NH ₂	O-acetyl
H	amino acid	SH	NH ₂	SH
H	amino acid	SH	NH ₂	SMe
H	amino acid	SH	NH ₂	SEt
H	amino acid	SH	NH ₂	S-cyclopropyl
H	amino acid	SH	NH ₂	F
H	amino acid	SH	NH ₂	Cl
H	amino acid	SH	NH ₂	Br
H	amino acid	SH	NH ₂	I

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TABLE 13-continued

R ²	R ³	X ¹	X ²	Y
5	amino acid	SH	NH ₂	H
	amino acid	SH	NH ₂	NH ₂
	amino acid	SH	NH ₂	NH-cyclopropyl
	amino acid	SH	NH ₂	NH-methyl
	amino acid	SH	NH ₂	NH-ethyl
	amino acid	SH	NH ₂	NH-acetyl
10	amino acid	SH	NH ₂	OH
	amino acid	SH	NH ₂	OMe
	amino acid	SH	NH ₂	OEt
	amino acid	SH	NH ₂	O-cyclopropyl
	amino acid	SH	NH ₂	O-acetyl
	amino acid	SH	NH ₂	SMe
15	amino acid	SH	NH ₂	SEt
	amino acid	SH	NH ₂	S-cyclopropyl
	amino acid	SH	NH ₂	F
	amino acid	SH	NH ₂	Cl
	amino acid	SH	NH ₂	Br
20	amino acid	SH	NH ₂	I
	amino acid	H	SH	H
	amino acid	H	SH	NH ₂
	amino acid	H	SH	NH-cyclopropyl
	amino acid	H	SH	NH-methyl
	amino acid	H	SH	NH-ethyl
	amino acid	H	SH	NH-acetyl
25	amino acid	H	SH	OH
	amino acid	H	SH	OMe
	amino acid	H	SH	OEt
	amino acid	H	SH	O-cyclopropyl
	amino acid	H	SH	O-acetyl
	amino acid	H	SH	SH
30	amino acid	H	SH	SMe
	amino acid	H	SH	SEt
	amino acid	H	SH	S-cyclopropyl
	amino acid	H	SH	F
	amino acid	H	SH	Cl
	amino acid	H	SH	Br
35	amino acid	H	SH	I
	amino acid	acyl	SH	H
	amino acid	acyl	SH	NH ₂
	amino acid	acyl	SH	NH-cyclopropyl
	amino acid	acyl	SH	NH-methyl
	amino acid	acyl	SH	NH-ethyl
40	amino acid	acyl	SH	NH-acetyl
	amino acid	acyl	SH	OH
	amino acid	acyl	SH	OMe
	amino acid	acyl	SH	OEt
	amino acid	acyl	SH	O-cyclopropyl
	amino acid	acyl	SH	O-acetyl
45	amino acid	acyl	SH	SH
	amino acid	acyl	SH	SMe
	amino acid	acyl	SH	SEt
	amino acid	acyl	SH	S-cyclopropyl
	amino acid	acyl	SH	F
	amino acid	acyl	SH	Cl
	amino acid	acyl	SH	Br
50	amino acid	acyl	SH	I
	acyl	H	OH	H
	acyl	H	OH	NH ₂
	acyl	H	OH	NH-cyclopropyl
	acyl	H	OH	NH-methyl
	acyl	H	OH	NH-ethyl
55	acyl	H	OH	NH-acetyl
	acyl	H	OH	OH
	acyl	H	OH	OMe
	acyl	H	OH	OEt
	acyl	H	OH	O-cyclopropyl
	acyl	H	OH	O-acetyl
60	acyl	H	OH	SH
	acyl	H	OH	SMe
	acyl	H	OH	SEt
	acyl	H	OH	S-cyclopropyl
	acyl	H	OH	F
	acyl	H	OH	Cl
	acyl	H	OH	Br
65	acyl	H	OH	I
	acyl	acyl	OH	H

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TABLE 13-continued

R ²	R ³	X ¹	X ²	Y
acyl	acyl	OH	NH ₂	NH ₂
acyl	acyl	OH	NH ₂	NH-cyclopropyl
acyl	acyl	OH	NH ₂	NH-methyl
acyl	acyl	OH	NH ₂	NH-ethyl
acyl	acyl	OH	NH ₂	NH-acetyl
acyl	acyl	OH	NH ₂	OH
acyl	acyl	OH	NH ₂	OMe
acyl	acyl	OH	NH ₂	OEt
acyl	acyl	OH	NH ₂	O-cyclopropyl
acyl	acyl	OH	NH ₂	O-acetyl
acyl	acyl	OH	NH ₂	SH
acyl	acyl	OH	NH ₂	SMe
acyl	acyl	OH	NH ₂	SEt
acyl	acyl	OH	NH ₂	S-cyclopropyl
acyl	acyl	OH	NH ₂	F
acyl	acyl	OH	NH ₂	Cl
acyl	acyl	OH	NH ₂	Br
acyl	acyl	OH	NH ₂	I
acyl	amino acid	OH	NH ₂	H
acyl	amino acid	OH	NH ₂	NH ₂
acyl	amino acid	OH	NH ₂	NH-cyclopropyl
acyl	amino acid	OH	NH ₂	NH-methyl
acyl	amino acid	OH	NH ₂	NH-ethyl
acyl	amino acid	OH	NH ₂	NH-acetyl
acyl	amino acid	OH	NH ₂	OH
acyl	amino acid	OH	NH ₂	OMe
acyl	amino acid	OH	NH ₂	OEt
acyl	amino acid	OH	NH ₂	O-cyclopropyl
acyl	amino acid	OH	NH ₂	O-acetyl
acyl	amino acid	OH	NH ₂	SH
acyl	amino acid	OH	NH ₂	SMe
acyl	amino acid	OH	NH ₂	SEt
acyl	amino acid	OH	NH ₂	S-cyclopropyl
acyl	amino acid	OH	NH ₂	F
acyl	amino acid	OH	NH ₂	Cl
acyl	amino acid	OH	NH ₂	Br
acyl	amino acid	OH	NH ₂	I
H	acyl	OH	NH ₂	H
H	acyl	OH	NH ₂	NH ₂
H	acyl	OH	NH ₂	NH-cyclopropyl
H	acyl	OH	NH ₂	NH-methyl
H	acyl	OH	NH ₂	NH-ethyl
H	acyl	OH	NH ₂	NH-acetyl
H	acyl	OH	NH ₂	OH
H	acyl	OH	NH ₂	OMe
H	acyl	OH	NH ₂	OEt
H	acyl	OH	NH ₂	O-cyclopropyl
H	acyl	OH	NH ₂	O-acetyl
H	acyl	OH	NH ₂	SH
H	acyl	OH	NH ₂	SMe
H	acyl	OH	NH ₂	SEt
H	acyl	OH	NH ₂	S-cyclopropyl
H	acyl	OH	NH ₂	F
H	acyl	OH	NH ₂	Br
H	acyl	OH	NH ₂	Cl
H	acyl	OH	NH ₂	I
H	amino acid	OH	NH ₂	H
H	amino acid	OH	NH ₂	NH ₂
H	amino acid	OH	NH ₂	NH-cyclopropyl
H	amino acid	OH	NH ₂	NH-methyl
H	amino acid	OH	NH ₂	NH-ethyl
H	amino acid	OH	NH ₂	NH-acetyl
H	amino acid	OH	NH ₂	OH
H	amino acid	OH	NH ₂	OMe
H	amino acid	OH	NH ₂	OEt
H	amino acid	OH	NH ₂	O-cyclopropyl
H	amino acid	OH	NH ₂	O-acetyl
H	amino acid	OH	NH ₂	SH
H	amino acid	OH	NH ₂	SMe
H	amino acid	OH	NH ₂	SEt
H	amino acid	OH	NH ₂	S-cyclopropyl
H	amino acid	OH	NH ₂	F
H	amino acid	OH	NH ₂	Cl
H	amino acid	OH	NH ₂	Br
H	amino acid	OH	NH ₂	I
amino acid	amino acid	OH	NH ₂	H
amino acid	amino acid	OH	NH ₂	NH ₂

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TABLE 13-continued

R ²	R ³	X ¹	X ²	Y
5	amino acid	OH	NH ₂	NH-cyclopropyl
	amino acid	OH	NH ₂	NH-methyl
	amino acid	OH	NH ₂	NH-ethyl
	amino acid	OH	NH ₂	NH-acetyl
	amino acid	OH	NH ₂	OH
	amino acid	OH	NH ₂	OMe
10	amino acid	OH	NH ₂	OEt
	amino acid	OH	NH ₂	O-cyclopropyl
	amino acid	OH	NH ₂	O-acetyl
	amino acid	OH	NH ₂	SH
	amino acid	OH	NH ₂	SMe
	amino acid	OH	NH ₂	SEt
15	amino acid	OH	NH ₂	S-cyclopropyl
	amino acid	OH	NH ₂	F
	amino acid	OH	NH ₂	Cl
	amino acid	OH	NH ₂	Br
	amino acid	OH	NH ₂	I
	amino acid	OH	NH ₂	H
20	amino acid	H	OH	NH ₂
	amino acid	H	OH	NH-cyclopropyl
	amino acid	H	OH	NH-methyl
	amino acid	H	OH	NH-ethyl
	amino acid	H	OH	NH-acetyl
	amino acid	H	OH	OH
	amino acid	H	OH	OMe
25	amino acid	H	OH	OEt
	amino acid	H	OH	O-cyclopropyl
	amino acid	H	OH	O-acetyl
	amino acid	H	OH	SH
	amino acid	H	OH	SMe
	amino acid	H	OH	SEt
30	amino acid	H	OH	S-cyclopropyl
	amino acid	H	OH	F
	amino acid	H	OH	Cl
	amino acid	H	OH	Br
	amino acid	H	OH	I
	amino acid	H	OH	H
35	amino acid	acyl	OH	NH ₂
	amino acid	acyl	OH	NH-cyclopropyl
	amino acid	acyl	OH	NH-methyl
	amino acid	acyl	OH	NH-ethyl
	amino acid	acyl	OH	NH-acetyl
	amino acid	acyl	OH	OH
	amino acid	acyl	OH	OMe
40	amino acid	acyl	OH	OEt
	amino acid	acyl	OH	O-cyclopropyl
	amino acid	acyl	OH	O-acetyl
	amino acid	acyl	OH	SH
	amino acid	acyl	OH	SMe
	amino acid	acyl	OH	SEt
45	amino acid	acyl	OH	S-cyclopropyl
	amino acid	acyl	OH	F
	amino acid	acyl	OH	Cl
	amino acid	acyl	OH	Br
	amino acid	acyl	OH	I
	acyl	H	CH ₃	SH
50	acyl	H	CH ₃	SH
	acyl	H	CH ₃	NH ₂
	acyl	H	CH ₃	NH-cyclopropyl
	acyl	H	CH ₃	NH-methyl
	acyl	H	CH ₃	NH-ethyl
	acyl	H	CH ₃	NH-acetyl
	acyl	H	CH ₃	OH
	acyl	H	CH ₃	OMe
	acyl	H	CH ₃	OEt
	acyl	H	CH ₃	O-cyclopropyl
	acyl	H	CH ₃	O-acetyl
	acyl	H	CH ₃	SH
	acyl	H	CH ₃	SMe
	acyl	H	CH ₃	SEt
60	acyl	H	CH ₃	S-cyclopropyl
	acyl	H	CH ₃	F
	acyl	H	CH ₃	Cl
	acyl	H	CH ₃	Br
	acyl	H	CH ₃	I
	acyl	H	CH ₃	H
65	acyl	acyl	CH ₃	NH ₂
	acyl	acyl	CH ₃	NH-cyclopropyl

TABLE 13-continued

R ²	R ³	X ¹	X ²	Y
acyl	acyl	CH ₃	SH	NH-methyl
acyl	acyl	CH ₃	SH	NH-ethyl
acyl	acyl	CH ₃	SH	NH-acetyl
acyl	acyl	CH ₃	SH	OH
acyl	acyl	CH ₃	SH	OMe
acyl	acyl	CH ₃	SH	OEt
acyl	acyl	CH ₃	SH	O-cyclopropyl
acyl	acyl	CH ₃	SH	O-acetyl
acyl	acyl	CH ₃	SH	SH
acyl	acyl	CH ₃	SH	SMe
acyl	acyl	CH ₃	SH	SEt
acyl	acyl	CH ₃	SH	S-cyclopropyl
acyl	acyl	CH ₃	SH	F
acyl	acyl	CH ₃	SH	Cl
acyl	acyl	CH ₃	SH	Br
acyl	acyl	CH ₃	SH	I
acyl	acyl	CH ₃	SH	H
acyl	amino acid	CH ₃	SH	H
acyl	amino acid	CH ₃	SH	NH ₂
acyl	amino acid	CH ₃	SH	NH-cyclopropyl
acyl	amino acid	CH ₃	SH	NH-methyl
acyl	amino acid	CH ₃	SH	NH-ethyl
acyl	amino acid	CH ₃	SH	NH-acetyl
acyl	amino acid	CH ₃	SH	OH
acyl	amino acid	CH ₃	SH	OMe
acyl	amino acid	CH ₃	SH	OEt
acyl	amino acid	CH ₃	SH	O-cyclopropyl
acyl	amino acid	CH ₃	SH	O-acetyl
acyl	amino acid	CH ₃	SH	SH
acyl	amino acid	CH ₃	SH	SMe
acyl	amino acid	CH ₃	SH	SEt
acyl	amino acid	CH ₃	SH	S-cyclopropyl
acyl	amino acid	CH ₃	SH	F
acyl	amino acid	CH ₃	SH	Cl
acyl	amino acid	CH ₃	SH	Br
acyl	amino acid	CH ₃	SH	I
acyl	amino acid	CH ₃	SH	H
H	acyl	CH ₃	SH	H
H	acyl	CH ₃	SH	NH ₂
H	acyl	CH ₃	SH	NH-cyclopropyl
H	acyl	CH ₃	SH	NH-methyl
H	acyl	CH ₃	SH	NH-ethyl
H	acyl	CH ₃	SH	NH-acetyl
H	acyl	CH ₃	SH	OH
H	acyl	CH ₃	SH	OMe
H	acyl	CH ₃	SH	OEt
H	acyl	CH ₃	SH	O-cyclopropyl
H	acyl	CH ₃	SH	O-acetyl
H	acyl	CH ₃	SH	SH
H	acyl	CH ₃	SH	SMe
H	acyl	CH ₃	SH	SEt
H	acyl	CH ₃	SH	S-cyclopropyl
H	acyl	CH ₃	SH	F
H	acyl	CH ₃	SH	Cl
H	acyl	CH ₃	SH	Br
H	acyl	CH ₃	SH	I
H	acyl	CH ₃	SH	H
H	amino acid	CH ₃	SH	H
H	amino acid	CH ₃	SH	NH ₂
H	amino acid	CH ₃	SH	NH-cyclopropyl
H	amino acid	CH ₃	SH	NH-methyl
H	amino acid	CH ₃	SH	NH-ethyl
H	amino acid	CH ₃	SH	NH-acetyl
H	amino acid	CH ₃	SH	OH
H	amino acid	CH ₃	SH	OMe
H	amino acid	CH ₃	SH	OEt
H	amino acid	CH ₃	SH	O-cyclopropyl
H	amino acid	CH ₃	SH	O-acetyl
H	amino acid	CH ₃	SH	SH
H	amino acid	CH ₃	SH	SMe
H	amino acid	CH ₃	SH	SEt
H	amino acid	CH ₃	SH	S-cyclopropyl
H	amino acid	CH ₃	SH	F
H	amino acid	CH ₃	SH	Cl
H	amino acid	CH ₃	SH	Br
H	amino acid	CH ₃	SH	I
H	amino acid	CH ₃	SH	H
amino acid	amino acid	CH ₃	SH	NH ₂
amino acid	amino acid	CH ₃	SH	NH-cyclopropyl
amino acid	amino acid	CH ₃	SH	NH-methyl

TABLE 13-continued

R ²	R ³	X ¹	X ²	Y	
5	amino acid	amino acid	CH ₃	SH	NH-ethyl
	amino acid	amino acid	CH ₃	SH	NH-acetyl
	amino acid	amino acid	CH ₃	SH	OH
	amino acid	amino acid	CH ₃	SH	OMe
	amino acid	amino acid	CH ₃	SH	OEt
	amino acid	amino acid	CH ₃	SH	O-cyclopropyl
10	amino acid	amino acid	CH ₃	SH	O-acetyl
	amino acid	amino acid	CH ₃	SH	SH
	amino acid	amino acid	CH ₃	SH	SMe
	amino acid	amino acid	CH ₃	SH	SEt
	amino acid	amino acid	CH ₃	SH	S-cyclopropyl
	amino acid	amino acid	CH ₃	SH	F
15	amino acid	amino acid	CH ₃	SH	Cl
	amino acid	amino acid	CH ₃	SH	Br
	amino acid	amino acid	CH ₃	SH	I
	amino acid	H	CH ₃	SH	H
	amino acid	H	CH ₃	SH	NH ₂
	amino acid	H	CH ₃	SH	NH-cyclopropyl
20	amino acid	H	CH ₃	SH	NH-methyl
	amino acid	H	CH ₃	SH	NH-ethyl
	amino acid	H	CH ₃	SH	NH-acetyl
	amino acid	H	CH ₃	SH	OH
	amino acid	H	CH ₃	SH	OMe
	amino acid	H	CH ₃	SH	OEt
25	amino acid	H	CH ₃	SH	O-cyclopropyl
	amino acid	H	CH ₃	SH	O-acetyl
	amino acid	H	CH ₃	SH	SH
	amino acid	H	CH ₃	SH	SMe
	amino acid	H	CH ₃	SH	SEt
	amino acid	H	CH ₃	SH	S-cyclopropyl
30	amino acid	H	CH ₃	SH	F
	amino acid	H	CH ₃	SH	Cl
	amino acid	H	CH ₃	SH	Br
	amino acid	H	CH ₃	SH	I
	amino acid	acyl	CH ₃	SH	H
	amino acid	acyl	CH ₃	SH	NH ₂
35	amino acid	acyl	CH ₃	SH	NH-cyclopropyl
	amino acid	acyl	CH ₃	SH	NH-methyl
	amino acid	acyl	CH ₃	SH	NH-ethyl
	amino acid	acyl	CH ₃	SH	NH-acetyl
	amino acid	acyl	CH ₃	SH	OH
	amino acid	acyl	CH ₃	SH	OMe
40	amino acid	acyl	CH ₃	SH	OEt
	amino acid	acyl	CH ₃	SH	O-cyclopropyl
	amino acid	acyl	CH ₃	SH	O-acetyl
	amino acid	acyl	CH ₃	SH	SH
	amino acid	acyl	CH ₃	SH	SMe
	amino acid	acyl	CH ₃	SH	SEt
45	amino acid	acyl	CH ₃	SH	S-cyclopropyl
	amino acid	acyl	CH ₃	SH	F
	amino acid	acyl	CH ₃	SH	Cl
	amino acid	acyl	CH ₃	SH	Br
	amino acid	acyl	CH ₃	SH	I
	acyl	H	CF ₃	SH	H
50	acyl	H	CF ₃	SH	NH ₂
	acyl	H	CF ₃	SH	NH-cyclopropyl
	acyl	H	CF ₃	SH	NH-methyl
	acyl	H	CF ₃	SH	NH-ethyl
	acyl	H	CF ₃	SH	NH-acetyl
	acyl	H	CF ₃	SH	OH
55	acyl	H	CF ₃	SH	OMe
	acyl	H	CF ₃	SH	OEt
	acyl	H	CF ₃	SH	O-cyclopropyl
	acyl	H	CF ₃	SH	O-acetyl
	acyl	H	CF ₃	SH	SH
	acyl	H	CF ₃	SH	SMe
60	acyl	H	CF ₃	SH	SEt
	acyl	H	CF ₃	SH	S-cyclopropyl
	acyl	H	CF ₃	SH	F
	acyl	H	CF ₃	SH	Cl
	acyl	H	CF ₃	SH	Br
	acyl	H	CF ₃	SH	I
65	acyl	acyl	CF ₃	SH	H
	acyl	acyl	CF ₃	SH	NH ₂
	acyl	acyl	CF ₃	SH	NH-cyclopropyl
	acyl	acyl	CF ₃	SH	NH-methyl
	acyl	acyl	CF ₃	SH	NH-ethyl

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TABLE 13-continued

R ²	R ³	X ¹	X ²	Y
acyl	acyl	CF ₃	SH	NH-acetyl
acyl	acyl	CF ₃	SH	OH
acyl	acyl	CF ₃	SH	OMe
acyl	acyl	CF ₃	SH	OEt
acyl	acyl	CF ₃	SH	O-cyclopropyl
acyl	acyl	CF ₃	SH	O-acetyl
acyl	acyl	CF ₃	SH	SH
acyl	acyl	CF ₃	SH	SMe
acyl	acyl	CF ₃	SH	SEt
acyl	acyl	CF ₃	SH	S-cyclopropyl
acyl	acyl	CF ₃	SH	F
acyl	acyl	CF ₃	SH	Cl
acyl	acyl	CF ₃	SH	Br
acyl	acyl	CF ₃	SH	I
acyl	amino acid	CF ₃	SH	H
acyl	amino acid	CF ₃	SH	NH ₂
acyl	amino acid	CF ₃	SH	NH-cyclopropyl
acyl	amino acid	CF ₃	SH	NH-methyl
acyl	amino acid	CF ₃	SH	NH-ethyl
acyl	amino acid	CF ₃	SH	NH-acetyl
acyl	amino acid	CF ₃	SH	OH
acyl	amino acid	CF ₃	SH	OMe
acyl	amino acid	CF ₃	SH	OEt
acyl	amino acid	CF ₃	SH	O-cyclopropyl
acyl	amino acid	CF ₃	SH	O-acetyl
acyl	amino acid	CF ₃	SH	SH
acyl	amino acid	CF ₃	SH	SMe
acyl	amino acid	CF ₃	SH	SEt
acyl	amino acid	CF ₃	SH	S-cyclopropyl
acyl	amino acid	CF ₃	SH	F
acyl	amino acid	CF ₃	SH	Cl
acyl	amino acid	CF ₃	SH	Br
acyl	amino acid	CF ₃	SH	I
H	acyl	CF ₃	SH	H
H	acyl	CF ₃	SH	NH ₂
H	acyl	CF ₃	SH	NH-cyclopropyl
H	acyl	CF ₃	SH	NH-methyl
H	acyl	CF ₃	SH	NH-ethyl
H	acyl	CF ₃	SH	NH-acetyl
H	acyl	CF ₃	SH	OH
H	acyl	CF ₃	SH	OMe
H	acyl	CF ₃	SH	OEt
H	acyl	CF ₃	SH	O-cyclopropyl
H	acyl	CF ₃	SH	O-acetyl
H	acyl	CF ₃	SH	SH
H	acyl	CF ₃	SH	SMe
H	acyl	CF ₃	SH	SEt
H	acyl	CF ₃	SH	S-cyclopropyl
H	acyl	CF ₃	SH	F
H	acyl	CF ₃	SH	Cl
H	acyl	CF ₃	SH	Br
H	acyl	CF ₃	SH	I
H	amino acid	CF ₃	SH	H
H	amino acid	CF ₃	SH	NH ₂
H	amino acid	CF ₃	SH	NH-cyclopropyl
H	amino acid	CF ₃	SH	NH-methyl
H	amino acid	CF ₃	SH	NH-ethyl
H	amino acid	CF ₃	SH	NH-acetyl
H	amino acid	CF ₃	SH	OH
H	amino acid	CF ₃	SH	OMe
H	amino acid	CF ₃	SH	OEt
H	amino acid	CF ₃	SH	O-cyclopropyl
H	amino acid	CF ₃	SH	O-acetyl
H	amino acid	CF ₃	SH	SH
H	amino acid	CF ₃	SH	SMe
H	amino acid	CF ₃	SH	SEt
H	amino acid	CF ₃	SH	S-cyclopropyl
H	amino acid	CF ₃	SH	F
H	amino acid	CF ₃	SH	Cl
H	amino acid	CF ₃	SH	Br
H	amino acid	CF ₃	SH	I
amino acid	amino acid	CF ₃	SH	H
amino acid	amino acid	CF ₃	SH	NH ₂
amino acid	amino acid	CF ₃	SH	NH-cyclopropyl
amino acid	amino acid	CF ₃	SH	NH-methyl
amino acid	amino acid	CF ₃	SH	NH-ethyl
amino acid	amino acid	CF ₃	SH	NH-acetyl
amino acid	amino acid	CF ₃	SH	OH

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TABLE 13-continued

R ²	R ³	X ¹	X ²	Y	
5	amino acid	CF ₃	SH	OH	
	amino acid	CF ₃	SH	OMe	
	amino acid	CF ₃	SH	OEt	
	amino acid	CF ₃	SH	O-cyclopropyl	
	amino acid	CF ₃	SH	O-acetyl	
	amino acid	CF ₃	SH	SH	
10	amino acid	CF ₃	SH	SMe	
	amino acid	CF ₃	SH	SEt	
	amino acid	CF ₃	SH	S-cyclopropyl	
	amino acid	CF ₃	SH	F	
	amino acid	CF ₃	SH	Cl	
	amino acid	CF ₃	SH	Br	
15	amino acid	CF ₃	SH	I	
	amino acid	H	CF ₃	SH	H
	amino acid	H	CF ₃	SH	NH ₂
	amino acid	H	CF ₃	SH	NH-cyclopropyl
	amino acid	H	CF ₃	SH	NH-methyl
	amino acid	H	CF ₃	SH	NH-ethyl
20	amino acid	H	CF ₃	SH	NH-acetyl
	amino acid	H	CF ₃	SH	OH
	amino acid	H	CF ₃	SH	OMe
	amino acid	H	CF ₃	SH	OEt
	amino acid	H	CF ₃	SH	O-cyclopropyl
	amino acid	H	CF ₃	SH	O-acetyl
25	amino acid	H	CF ₃	SH	SH
	amino acid	H	CF ₃	SH	SMe
	amino acid	H	CF ₃	SH	SEt
	amino acid	H	CF ₃	SH	S-cyclopropyl
	amino acid	H	CF ₃	SH	F
	amino acid	H	CF ₃	SH	Cl
30	amino acid	H	CF ₃	SH	Br
	amino acid	H	CF ₃	SH	I
	amino acid	acyl	CF ₃	SH	H
	amino acid	acyl	CF ₃	SH	NH ₂
	amino acid	acyl	CF ₃	SH	NH-cyclopropyl
	amino acid	acyl	CF ₃	SH	NH-methyl
35	amino acid	acyl	CF ₃	SH	NH-ethyl
	amino acid	acyl	CF ₃	SH	NH-acetyl
	amino acid	acyl	CF ₃	SH	OH
	amino acid	acyl	CF ₃	SH	OMe
	amino acid	acyl	CF ₃	SH	OEt
	amino acid	acyl	CF ₃	SH	O-cyclopropyl
40	amino acid	acyl	CF ₃	SH	O-acetyl
	amino acid	acyl	CF ₃	SH	SH
	amino acid	acyl	CF ₃	SH	SMe
	amino acid	acyl	CF ₃	SH	SEt
	amino acid	acyl	CF ₃	SH	S-cyclopropyl
	amino acid	acyl	CF ₃	SH	F
45	amino acid	acyl	CF ₃	SH	Cl
	amino acid	acyl	CF ₃	SH	Br
	acyl	H	CF ₃	SH	I
	acyl	H	Br	SH	H
	acyl	H	Br	SH	NH ₂
	acyl	H	Br	SH	NH-cyclopropyl
50	acyl	H	Br	SH	NH-methyl
	acyl	H	Br	SH	NH-ethyl
	acyl	H	Br	SH	NH-acetyl
	acyl	H	Br	SH	OH
	acyl	H	Br	SH	OMe
	acyl	H	Br	SH	OEt
55	acyl	H	Br	SH	O-cyclopropyl
	acyl	H	Br	SH	O-acetyl
	acyl	H	Br	SH	SH
	acyl	H	Br	SH	SMe
	acyl	H	Br	SH	SEt
	acyl	H	Br	SH	S-cyclopropyl
60	acyl	H	Br	SH	F
	acyl	H	Br	SH	Cl
	acyl	H	Br	SH	Br
	acyl	H	Br	SH	I
	acyl	acyl	Br	SH	H
	acyl	acyl	Br	SH	NH ₂
65	acyl	acyl	Br	SH	NH-cyclopropyl
	acyl	acyl	Br	SH	NH-methyl
	acyl	acyl	Br	SH	NH-ethyl
	acyl	acyl	Br	SH	NH-acetyl
	acyl	acyl	Br	SH	OH

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TABLE 13-continued

R ²	R ³	X ¹	X ²	Y
acyl	acyl	Br	SH	OMe
acyl	acyl	Br	SH	OEt
acyl	acyl	Br	SH	O-cyclopropyl
acyl	acyl	Br	SH	O-acetyl
acyl	acyl	Br	SH	SH
acyl	acyl	Br	SH	SMe
acyl	acyl	Br	SH	SEt
acyl	acyl	Br	SH	S-cyclopropyl
acyl	acyl	Br	SH	F
acyl	acyl	Br	SH	Cl
acyl	acyl	Br	SH	Br
acyl	acyl	Br	SH	I
acyl	amino acid	Br	SH	H
acyl	amino acid	Br	SH	NH ₂
acyl	amino acid	Br	SH	NH-cyclopropyl
acyl	amino acid	Br	SH	NH-methyl
acyl	amino acid	Br	SH	NH-ethyl
acyl	amino acid	Br	SH	NH-acetyl
acyl	amino acid	Br	SH	OH
acyl	amino acid	Br	SH	OMe
acyl	amino acid	Br	SH	OEt
acyl	amino acid	Br	SH	O-cyclopropyl
acyl	amino acid	Br	SH	O-acetyl
acyl	amino acid	Br	SH	SH
acyl	amino acid	Br	SH	SMe
acyl	amino acid	Br	SH	SEt
acyl	amino acid	Br	SH	S-cyclopropyl
acyl	amino acid	Br	SH	F
acyl	amino acid	Br	SH	Cl
acyl	amino acid	Br	SH	Br
acyl	amino acid	Br	SH	I
H	acyl	Br	SH	H
H	acyl	Br	SH	NH ₂
H	acyl	Br	SH	NH-cyclopropyl
H	acyl	Br	SH	NH-methyl
H	acyl	Br	SH	NH-ethyl
H	acyl	Br	SH	NH-acetyl
H	acyl	Br	SH	OH
H	acyl	Br	SH	OMe
H	acyl	Br	SH	OEt
H	acyl	Br	SH	O-cyclopropyl
H	acyl	Br	SH	O-acetyl
H	acyl	Br	SH	SH
H	acyl	Br	SH	SMe
H	acyl	Br	SH	SEt
H	acyl	Br	SH	S-cyclopropyl
H	acyl	Br	SH	F
H	acyl	Br	SH	Cl
H	acyl	Br	SH	Br
H	acyl	Br	SH	I
H	acyl	Br	SH	H
H	amino acid	Br	SH	H
H	amino acid	Br	SH	NH ₂
H	amino acid	Br	SH	NH-cyclopropyl
H	amino acid	Br	SH	NH-methyl
H	amino acid	Br	SH	NH-ethyl
H	amino acid	Br	SH	NH-acetyl
H	amino acid	Br	SH	OH
H	amino acid	Br	SH	OMe
H	amino acid	Br	SH	OEt
H	amino acid	Br	SH	O-cyclopropyl
H	amino acid	Br	SH	O-acetyl
H	amino acid	Br	SH	SH
H	amino acid	Br	SH	SMe
H	amino acid	Br	SH	SEt
H	amino acid	Br	SH	S-cyclopropyl
H	amino acid	Br	SH	F
H	amino acid	Br	SH	Cl
H	amino acid	Br	SH	Br
H	amino acid	Br	SH	I
H	amino acid	Br	SH	H
amino acid	amino acid	Br	SH	H
amino acid	amino acid	Br	SH	NH ₂
amino acid	amino acid	Br	SH	NH-cyclopropyl
amino acid	amino acid	Br	SH	NH-methyl
amino acid	amino acid	Br	SH	NH-ethyl
amino acid	amino acid	Br	SH	NH-acetyl
amino acid	amino acid	Br	SH	OH
amino acid	amino acid	Br	SH	OMe
amino acid	amino acid	Br	SH	OEt

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TABLE 13-continued

R ²	R ³	X ¹	X ²	Y	
5	amino acid	amino acid	Br	SH	OEt
	amino acid	amino acid	Br	SH	O-cyclopropyl
	amino acid	amino acid	Br	SH	O-acetyl
	amino acid	amino acid	Br	SH	SH
	amino acid	amino acid	Br	SH	SMe
	amino acid	amino acid	Br	SH	SEt
10	amino acid	amino acid	Br	SH	S-cyclopropyl
	amino acid	amino acid	Br	SH	F
	amino acid	amino acid	Br	SH	Cl
	amino acid	amino acid	Br	SH	Br
	amino acid	amino acid	Br	SH	I
	amino acid	H	Br	SH	H
15	amino acid	H	Br	SH	NH ₂
	amino acid	H	Br	SH	NH-cyclopropyl
	amino acid	H	Br	SH	NH-methyl
	amino acid	H	Br	SH	NH-ethyl
	amino acid	H	Br	SH	NH-acetyl
	amino acid	H	Br	SH	OH
20	amino acid	H	Br	SH	OMe
	amino acid	H	Br	SH	OEt
	amino acid	H	Br	SH	O-cyclopropyl
	amino acid	H	Br	SH	O-acetyl
	amino acid	H	Br	SH	SH
	amino acid	H	Br	SH	SMe
25	amino acid	H	Br	SH	SEt
	amino acid	H	Br	SH	S-cyclopropyl
	amino acid	H	Br	SH	F
	amino acid	H	Br	SH	Cl
	amino acid	H	Br	SH	Br
	amino acid	H	Br	SH	I
30	amino acid	acyl	Br	SH	H
	amino acid	acyl	Br	SH	NH ₂
	amino acid	acyl	Br	SH	NH-cyclopropyl
	amino acid	acyl	Br	SH	NH-methyl
	amino acid	acyl	Br	SH	NH-ethyl
	amino acid	acyl	Br	SH	NH-acetyl
35	amino acid	acyl	Br	SH	OH
	amino acid	acyl	Br	SH	OMe
	amino acid	acyl	Br	SH	OEt
	amino acid	acyl	Br	SH	O-cyclopropyl
	amino acid	acyl	Br	SH	O-acetyl
	amino acid	acyl	Br	SH	SH
40	amino acid	acyl	Br	SH	SMe
	amino acid	acyl	Br	SH	SEt
	amino acid	acyl	Br	SH	S-cyclopropyl
	amino acid	acyl	Br	SH	F
	amino acid	acyl	Br	SH	Cl
	amino acid	acyl	Br	SH	Br
45	amino acid	acyl	Br	SH	I
	acyl	H	Cl	SH	H
	acyl	H	Cl	SH	NH ₂
	acyl	H	Cl	SH	NH-cyclopropyl
	acyl	H	Cl	SH	NH-methyl
	acyl	H	Cl	SH	NH-ethyl
50	acyl	H	Cl	SH	NH-acetyl
	acyl	H	Cl	SH	OH
	acyl	H	Cl	SH	OMe
	acyl	H	Cl	SH	OEt
	acyl	H	Cl	SH	O-cyclopropyl
	acyl	H	Cl	SH	O-acetyl
55	acyl	H	Cl	SH	SH
	acyl	H	Cl	SH	SMe
	acyl	H	Cl	SH	SEt
	acyl	H	Cl	SH	S-cyclopropyl
	acyl	H	Cl	SH	F
	acyl	H	Cl	SH	Cl
60	acyl	H	Cl	SH	Br
	acyl	H	Cl	SH	I
	acyl	acyl	Cl	SH	H
	acyl	acyl	Cl	SH	NH ₂
	acyl	acyl	Cl	SH	NH-cyclopropyl
	acyl	acyl	Cl	SH	NH-methyl
65	acyl	acyl	Cl	SH	NH-ethyl
	acyl	acyl	Cl	SH	NH-acetyl
	acyl	acyl	Cl	SH	OH
	acyl	acyl	Cl	SH	OMe
	acyl	acyl	Cl	SH	OEt

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TABLE 13-continued

R ²	R ³	X ¹	X ²	Y
acyl	acyl	Cl	SH	O-cyclopropyl
acyl	acyl	Cl	SH	O-acetyl
acyl	acyl	Cl	SH	SH
acyl	acyl	Cl	SH	SMe
acyl	acyl	Cl	SH	SEt
acyl	acyl	Cl	SH	S-cyclopropyl
acyl	acyl	Cl	SH	F
acyl	acyl	Cl	SH	Cl
acyl	acyl	Cl	SH	Br
acyl	acyl	Cl	SH	I
acyl	acyl	Cl	SH	H
acyl	amino acid	Cl	SH	H
acyl	amino acid	Cl	SH	NH ₂
acyl	amino acid	Cl	SH	NH-cyclopropyl
acyl	amino acid	Cl	SH	NH-methyl
acyl	amino acid	Cl	SH	NH-ethyl
acyl	amino acid	Cl	SH	NH-acetyl
acyl	amino acid	Cl	SH	OH
acyl	amino acid	Cl	SH	OMe
acyl	amino acid	Cl	SH	OEt
acyl	amino acid	Cl	SH	O-cyclopropyl
acyl	amino acid	Cl	SH	O-acetyl
acyl	amino acid	Cl	SH	SH
acyl	amino acid	Cl	SH	SMe
acyl	amino acid	Cl	SH	SEt
acyl	amino acid	Cl	SH	S-cyclopropyl
acyl	amino acid	Cl	SH	F
acyl	amino acid	Cl	SH	Cl
acyl	amino acid	Cl	SH	Br
acyl	amino acid	Cl	SH	I
H	acyl	Cl	SH	H
H	acyl	Cl	SH	NH ₂
H	acyl	Cl	SH	NH-cyclopropyl
H	acyl	Cl	SH	NH-methyl
H	acyl	Cl	SH	NH-ethyl
H	acyl	Cl	SH	NH-acetyl
H	acyl	Cl	SH	OH
H	acyl	Cl	SH	OMe
H	acyl	Cl	SH	OEt
H	acyl	Cl	SH	O-cyclopropyl
H	acyl	Cl	SH	O-acetyl
H	acyl	Cl	SH	SH
H	acyl	Cl	SH	SMe
H	acyl	Cl	SH	SEt
H	acyl	Cl	SH	S-cyclopropyl
H	acyl	Cl	SH	F
H	acyl	Cl	SH	Cl
H	acyl	Cl	SH	Br
H	acyl	Cl	SH	I
H	acyl	Cl	SH	H
H	amino acid	Cl	SH	H
H	amino acid	Cl	SH	NH ₂
H	amino acid	Cl	SH	NH-cyclopropyl
H	amino acid	Cl	SH	NH-methyl
H	amino acid	Cl	SH	NH-ethyl
H	amino acid	Cl	SH	NH-acetyl
H	amino acid	Cl	SH	OH
H	amino acid	Cl	SH	OMe
H	amino acid	Cl	SH	OEt
H	amino acid	Cl	SH	O-cyclopropyl
H	amino acid	Cl	SH	O-acetyl
H	amino acid	Cl	SH	SH
H	amino acid	Cl	SH	SMe
H	amino acid	Cl	SH	SEt
H	amino acid	Cl	SH	S-cyclopropyl
H	amino acid	Cl	SH	F
H	amino acid	Cl	SH	Cl
H	amino acid	Cl	SH	Br
H	amino acid	Cl	SH	I
H	amino acid	Cl	SH	H
amino acid	amino acid	Cl	SH	H
amino acid	amino acid	Cl	SH	NH ₂
amino acid	amino acid	Cl	SH	NH-cyclopropyl
amino acid	amino acid	Cl	SH	NH-methyl
amino acid	amino acid	Cl	SH	NH-ethyl
amino acid	amino acid	Cl	SH	NH-acetyl
amino acid	amino acid	Cl	SH	OH
amino acid	amino acid	Cl	SH	OMe
amino acid	amino acid	Cl	SH	OEt
amino acid	amino acid	Cl	SH	O-cyclopropyl
amino acid	amino acid	Cl	SH	O-acetyl

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TABLE 13-continued

R ²	R ³	X ¹	X ²	Y	
5	amino acid	amino acid	Cl	SH	O-acetyl
	amino acid	amino acid	Cl	SH	SH
	amino acid	amino acid	Cl	SH	SMe
	amino acid	amino acid	Cl	SH	SEt
	amino acid	amino acid	Cl	SH	S-cyclopropyl
	amino acid	amino acid	Cl	SH	F
10	amino acid	amino acid	Cl	SH	Cl
	amino acid	amino acid	Cl	SH	Br
	amino acid	amino acid	Cl	SH	I
	amino acid	H	Cl	SH	H
	amino acid	H	Cl	SH	NH ₂
	amino acid	H	Cl	SH	NH-cyclopropyl
15	amino acid	H	Cl	SH	NH-methyl
	amino acid	H	Cl	SH	NH-ethyl
	amino acid	H	Cl	SH	NH-acetyl
	amino acid	H	Cl	SH	OH
	amino acid	H	Cl	SH	OMe
	amino acid	H	Cl	SH	OEt
20	amino acid	H	Cl	SH	O-cyclopropyl
	amino acid	H	Cl	SH	O-acetyl
	amino acid	H	Cl	SH	SH
	amino acid	H	Cl	SH	SMe
	amino acid	H	Cl	SH	SEt
	amino acid	H	Cl	SH	S-cyclopropyl
	amino acid	H	Cl	SH	F
25	amino acid	H	Cl	SH	Cl
	amino acid	H	Cl	SH	Br
	amino acid	H	Cl	SH	I
	amino acid	acyl	Cl	SH	H
	amino acid	acyl	Cl	SH	NH ₂
	amino acid	acyl	Cl	SH	NH-cyclopropyl
30	amino acid	acyl	Cl	SH	NH-methyl
	amino acid	acyl	Cl	SH	NH-ethyl
	amino acid	acyl	Cl	SH	NH-acetyl
	amino acid	acyl	Cl	SH	OH
	amino acid	acyl	Cl	SH	OMe
	amino acid	acyl	Cl	SH	OEt
35	amino acid	acyl	Cl	SH	O-cyclopropyl
	amino acid	acyl	Cl	SH	O-acetyl
	amino acid	acyl	Cl	SH	SH
	amino acid	acyl	Cl	SH	SMe
	amino acid	acyl	Cl	SH	SEt
	amino acid	acyl	Cl	SH	S-cyclopropyl
	amino acid	acyl	Cl	SH	F
40	amino acid	acyl	Cl	SH	Cl
	amino acid	acyl	Cl	SH	Br
	amino acid	acyl	Cl	SH	I
	acyl	H	F	SH	H
	acyl	H	F	SH	NH ₂
	acyl	H	F	SH	NH-cyclopropyl
45	acyl	H	F	SH	NH-methyl
	acyl	H	F	SH	NH-ethyl
	acyl	H	F	SH	NH-acetyl
	acyl	H	F	SH	OH
	acyl	H	F	SH	OMe
	acyl	H	F	SH	OEt
50	acyl	H	F	SH	O-cyclopropyl
	acyl	H	F	SH	O-acetyl
	acyl	H	F	SH	SH
	acyl	H	F	SH	SMe
	acyl	H	F	SH	SEt
	acyl	H	F	SH	S-cyclopropyl
	acyl	H	F	SH	F
55	acyl	H	F	SH	Cl
	acyl	H	F	SH	Br
	acyl	H	F	SH	I
	acyl	acyl	F	SH	H
	acyl	acyl	F	SH	NH ₂
60	acyl	acyl	F	SH	NH-cyclopropyl
	acyl	acyl	F	SH	NH-methyl
	acyl	acyl	F	SH	NH-ethyl
	acyl	acyl	F	SH	NH-acetyl
	acyl	acyl	F	SH	OH
	acyl	acyl	F	SH	OMe
	acyl	acyl	F	SH	OEt
65	acyl	acyl	F	SH	O-cyclopropyl
	acyl	acyl	F	SH	O-acetyl

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TABLE 13-continued

R ²	R ³	X ¹	X ²	Y
acyl	acyl	F	SH	SH
acyl	acyl	F	SH	SMe
acyl	acyl	F	SH	SEt
acyl	acyl	F	SH	S-cyclopropyl
acyl	acyl	F	SH	F
acyl	acyl	F	SH	Cl
acyl	acyl	F	SH	Br
acyl	acyl	F	SH	I
acyl	amino acid	F	SH	H
acyl	amino acid	F	SH	NH ₂
acyl	amino acid	F	SH	NH-cyclopropyl
acyl	amino acid	F	SH	NH-methyl
acyl	amino acid	F	SH	NH-ethyl
acyl	amino acid	F	SH	NH-acetyl
acyl	amino acid	F	SH	OH
acyl	amino acid	F	SH	OMe
acyl	amino acid	F	SH	OEt
acyl	amino acid	F	SH	O-cyclopropyl
acyl	amino acid	F	SH	O-acetyl
acyl	amino acid	F	SH	SH
acyl	amino acid	F	SH	SMe
acyl	amino acid	F	SH	SEt
acyl	amino acid	F	SH	S-cyclopropyl
acyl	amino acid	F	SH	F
acyl	amino acid	F	SH	Cl
acyl	amino acid	F	SH	Br
acyl	amino acid	F	SH	I
H	acyl	F	SH	H
H	acyl	F	SH	NH ₂
H	acyl	F	SH	NH-cyclopropyl
H	acyl	F	SH	NH-methyl
H	acyl	F	SH	NH-ethyl
H	acyl	F	SH	NH-acetyl
H	acyl	F	SH	OH
H	acyl	F	SH	OMe
H	acyl	F	SH	OEt
H	acyl	F	SH	O-cyclopropyl
H	acyl	F	SH	O-acetyl
H	acyl	F	SH	SH
H	acyl	F	SH	SMe
H	acyl	F	SH	SEt
H	acyl	F	SH	S-cyclopropyl
H	acyl	F	SH	F
H	acyl	F	SH	Cl
H	acyl	F	SH	Br
H	acyl	F	SH	I
H	amino acid	F	SH	H
H	amino acid	F	SH	NH ₂
H	amino acid	F	SH	NH-cyclopropyl
H	amino acid	F	SH	NH-methyl
H	amino acid	F	SH	NH-ethyl
H	amino acid	F	SH	NH-acetyl
H	amino acid	F	SH	OH
H	amino acid	F	SH	OMe
H	amino acid	F	SH	OEt
H	amino acid	F	SH	O-cyclopropyl
H	amino acid	F	SH	O-acetyl
H	amino acid	F	SH	SH
H	amino acid	F	SH	SMe
H	amino acid	F	SH	SEt
H	amino acid	F	SH	S-cyclopropyl
H	amino acid	F	SH	F
H	amino acid	F	SH	Cl
H	amino acid	F	SH	Br
H	amino acid	F	SH	I
amino acid	amino acid	F	SH	H
amino acid	amino acid	F	SH	NH ₂
amino acid	amino acid	F	SH	NH-cyclopropyl
amino acid	amino acid	F	SH	NH-methyl
amino acid	amino acid	F	SH	NH-ethyl
amino acid	amino acid	F	SH	NH-acetyl
amino acid	amino acid	F	SH	OH
amino acid	amino acid	F	SH	OMe
amino acid	amino acid	F	SH	OEt
amino acid	amino acid	F	SH	O-cyclopropyl
amino acid	amino acid	F	SH	O-acetyl
amino acid	amino acid	F	SH	SH

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TABLE 13-continued

R ²	R ³	X ¹	X ²	Y
5	amino acid	F	SH	SMe
	amino acid	F	SH	SEt
	amino acid	F	SH	S-cyclopropyl
	amino acid	F	SH	F
	amino acid	F	SH	Cl
	amino acid	F	SH	Br
10	amino acid	F	SH	I
	amino acid	F	SH	H
	amino acid	F	SH	NH ₂
	amino acid	F	SH	NH-cyclopropyl
	amino acid	F	SH	NH-methyl
	amino acid	F	SH	NH-ethyl
15	amino acid	F	SH	NH-acetyl
	amino acid	F	SH	OH
	amino acid	F	SH	OMe
	amino acid	F	SH	OEt
	amino acid	F	SH	O-cyclopropyl
	amino acid	F	SH	O-acetyl
20	amino acid	F	SH	SH
	amino acid	F	SH	SMe
	amino acid	F	SH	SEt
	amino acid	F	SH	S-cyclopropyl
	amino acid	F	SH	F
	amino acid	F	SH	Cl
	amino acid	F	SH	Br
25	amino acid	F	SH	I
	amino acid	F	SH	H
	amino acid	F	SH	NH ₂
	amino acid	F	SH	NH-cyclopropyl
	amino acid	F	SH	NH-methyl
	amino acid	F	SH	NH-ethyl
30	amino acid	F	SH	NH-acetyl
	amino acid	F	SH	OH
	amino acid	F	SH	OMe
	amino acid	F	SH	OEt
	amino acid	F	SH	O-cyclopropyl
	amino acid	F	SH	O-acetyl
35	amino acid	F	SH	SH
	amino acid	F	SH	SMe
	amino acid	F	SH	SEt
	amino acid	F	SH	S-cyclopropyl
	amino acid	F	SH	F
	amino acid	F	SH	Cl
	amino acid	F	SH	Br
40	amino acid	F	SH	I
	acyl	NH ₂	SH	H
	acyl	NH ₂	SH	NH ₂
	acyl	NH ₂	SH	NH-cyclopropyl
	acyl	NH ₂	SH	NH-methyl
	acyl	NH ₂	SH	NH-ethyl
45	acyl	NH ₂	SH	NH-acetyl
	acyl	NH ₂	SH	OH
	acyl	NH ₂	SH	OMe
	acyl	NH ₂	SH	OEt
	acyl	NH ₂	SH	O-cyclopropyl
	acyl	NH ₂	SH	O-acetyl
50	acyl	NH ₂	SH	SH
	acyl	NH ₂	SH	SMe
	acyl	NH ₂	SH	SEt
	acyl	NH ₂	SH	S-cyclopropyl
	acyl	NH ₂	SH	F
	acyl	NH ₂	SH	Cl
55	acyl	NH ₂	SH	Br
	acyl	NH ₂	SH	I
	acyl	NH ₂	SH	H
	acyl	NH ₂	SH	NH ₂
	acyl	NH ₂	SH	NH-cyclopropyl
	acyl	NH ₂	SH	NH-methyl
	acyl	NH ₂	SH	NH-ethyl
60	acyl	NH ₂	SH	NH-acetyl
	acyl	NH ₂	SH	OH
	acyl	NH ₂	SH	OMe
	acyl	NH ₂	SH	OEt
	acyl	NH ₂	SH	O-cyclopropyl
	acyl	NH ₂	SH	O-acetyl
65	acyl	NH ₂	SH	SH
	acyl	NH ₂	SH	SMe

TABLE 13-continued

R ²	R ³	X ¹	X ²	Y
acyl	acyl	NH ₂	SH	SEt
acyl	acyl	NH ₂	SH	S-cyclopropyl
acyl	acyl	NH ₂	SH	F
acyl	acyl	NH ₂	SH	Cl
acyl	acyl	NH ₂	SH	Br
acyl	acyl	NH ₂	SH	I
acyl	amino acid	NH ₂	SH	H
acyl	amino acid	NH ₂	SH	NH ₂
acyl	amino acid	NH ₂	SH	NH-cyclopropyl
acyl	amino acid	NH ₂	SH	NH-methyl
acyl	amino acid	NH ₂	SH	NH-ethyl
acyl	amino acid	NH ₂	SH	NH-acetyl
acyl	amino acid	NH ₂	SH	OH
acyl	amino acid	NH ₂	SH	OMe
acyl	amino acid	NH ₂	SH	OEt
acyl	amino acid	NH ₂	SH	O-cyclopropyl
acyl	amino acid	NH ₂	SH	O-acetyl
acyl	amino acid	NH ₂	SH	SH
acyl	amino acid	NH ₂	SH	SMe
acyl	amino acid	NH ₂	SH	SEt
acyl	amino acid	NH ₂	SH	S-cyclopropyl
acyl	amino acid	NH ₂	SH	F
acyl	amino acid	NH ₂	SH	Cl
acyl	amino acid	NH ₂	SH	Br
acyl	amino acid	NH ₂	SH	I
H	acyl	NH ₂	SH	H
H	acyl	NH ₂	SH	NH ₂
H	acyl	NH ₂	SH	NH-cyclopropyl
H	acyl	NH ₂	SH	NH-methyl
H	acyl	NH ₂	SH	NH-ethyl
H	acyl	NH ₂	SH	NH-acetyl
H	acyl	NH ₂	SH	OH
H	acyl	NH ₂	SH	OMe
H	acyl	NH ₂	SH	OEt
H	acyl	NH ₂	SH	O-cyclopropyl
H	acyl	NH ₂	SH	O-acetyl
H	acyl	NH ₂	SH	SH
H	acyl	NH ₂	SH	SMe
H	acyl	NH ₂	SH	SEt
H	acyl	NH ₂	SH	S-cyclopropyl
H	acyl	NH ₂	SH	F
H	acyl	NH ₂	SH	Cl
H	acyl	NH ₂	SH	Br
H	acyl	NH ₂	SH	I
H	acyl	NH ₂	SH	H
H	amino acid	NH ₂	SH	H
H	amino acid	NH ₂	SH	NH ₂
H	amino acid	NH ₂	SH	NH-cyclopropyl
H	amino acid	NH ₂	SH	NH-methyl
H	amino acid	NH ₂	SH	NH-ethyl
H	amino acid	NH ₂	SH	NH-acetyl
H	amino acid	NH ₂	SH	OH
H	amino acid	NH ₂	SH	OMe
H	amino acid	NH ₂	SH	OEt
H	amino acid	NH ₂	SH	O-cyclopropyl
H	amino acid	NH ₂	SH	O-acetyl
H	amino acid	NH ₂	SH	SH
H	amino acid	NH ₂	SH	SMe
H	amino acid	NH ₂	SH	SEt
H	amino acid	NH ₂	SH	S-cyclopropyl
H	amino acid	NH ₂	SH	F
H	amino acid	NH ₂	SH	Cl
H	amino acid	NH ₂	SH	Br
H	amino acid	NH ₂	SH	I
H	amino acid	NH ₂	SH	H
amino acid	amino acid	NH ₂	SH	NH ₂
amino acid	amino acid	NH ₂	SH	NH-cyclopropyl
amino acid	amino acid	NH ₂	SH	NH-methyl
amino acid	amino acid	NH ₂	SH	NH-ethyl
amino acid	amino acid	NH ₂	SH	NH-acetyl
amino acid	amino acid	NH ₂	SH	OH
amino acid	amino acid	NH ₂	SH	OMe
amino acid	amino acid	NH ₂	SH	OEt
amino acid	amino acid	NH ₂	SH	O-cyclopropyl
amino acid	amino acid	NH ₂	SH	O-acetyl
amino acid	amino acid	NH ₂	SH	SH
amino acid	amino acid	NH ₂	SH	SMe
amino acid	amino acid	NH ₂	SH	SEt
amino acid	amino acid	NH ₂	SH	S-cyclopropyl
amino acid	amino acid	NH ₂	SH	F
amino acid	amino acid	NH ₂	SH	Cl
amino acid	amino acid	NH ₂	SH	Br
amino acid	amino acid	NH ₂	SH	I
amino acid	amino acid	NH ₂	SH	H

TABLE 13-continued

R ²	R ³	X ¹	X ²	Y	
5	amino acid	amino acid	NH ₂	SH	S-cyclopropyl
	amino acid	amino acid	NH ₂	SH	F
	amino acid	amino acid	NH ₂	SH	Cl
	amino acid	amino acid	NH ₂	SH	Br
	amino acid	amino acid	NH ₂	SH	I
	amino acid	H	NH ₂	SH	H
10	amino acid	H	NH ₂	SH	NH ₂
	amino acid	H	NH ₂	SH	NH-cyclopropyl
	amino acid	H	NH ₂	SH	NH-methyl
	amino acid	H	NH ₂	SH	NH-ethyl
	amino acid	H	NH ₂	SH	NH-acetyl
	amino acid	H	NH ₂	SH	OH
15	amino acid	H	NH ₂	SH	OMe
	amino acid	H	NH ₂	SH	OEt
	amino acid	H	NH ₂	SH	O-cyclopropyl
	amino acid	H	NH ₂	SH	O-acetyl
	amino acid	H	NH ₂	SH	SH
	amino acid	H	NH ₂	SH	SMe
20	amino acid	H	NH ₂	SH	SEt
	amino acid	H	NH ₂	SH	S-cyclopropyl
	amino acid	H	NH ₂	SH	F
	amino acid	H	NH ₂	SH	Cl
	amino acid	H	NH ₂	SH	Br
	amino acid	H	NH ₂	SH	I
25	amino acid	acyl	NH ₂	SH	H
	amino acid	acyl	NH ₂	SH	NH ₂
	amino acid	acyl	NH ₂	SH	NH-cyclopropyl
	amino acid	acyl	NH ₂	SH	NH-methyl
	amino acid	acyl	NH ₂	SH	NH-ethyl
	amino acid	acyl	NH ₂	SH	NH-acetyl
30	amino acid	acyl	NH ₂	SH	OH
	amino acid	acyl	NH ₂	SH	OMe
	amino acid	acyl	NH ₂	SH	OEt
	amino acid	acyl	NH ₂	SH	O-cyclopropyl
	amino acid	acyl	NH ₂	SH	O-acetyl
	amino acid	acyl	NH ₂	SH	SH
35	amino acid	acyl	NH ₂	SH	SMe
	amino acid	acyl	NH ₂	SH	SEt
	amino acid	acyl	NH ₂	SH	S-cyclopropyl
	amino acid	acyl	NH ₂	SH	F
	amino acid	acyl	NH ₂	SH	Cl
	amino acid	acyl	NH ₂	SH	Br
40	amino acid	acyl	NH ₂	SH	I
	acyl	H	SH	SH	H
	acyl	H	SH	SH	NH ₂
	acyl	H	SH	SH	NH-cyclopropyl
	acyl	H	SH	SH	NH-methyl
	acyl	H	SH	SH	NH-ethyl
45	acyl	H	SH	SH	NH-acetyl
	acyl	H	SH	SH	OH
	acyl	H	SH	SH	OMe
	acyl	H	SH	SH	OEt
	acyl	H	SH	SH	O-cyclopropyl
	acyl	H	SH	SH	O-acetyl
50	acyl	H	SH	SH	SH
	acyl	H	SH	SH	SMe
	acyl	H	SH	SH	SEt
	acyl	H	SH	SH	S-cyclopropyl
	acyl	H	SH	SH	F
	acyl	H	SH	SH	Cl
55	acyl	H	SH	SH	Br
	acyl	H	SH	SH	I
	acyl	acyl	SH	SH	H
	acyl	acyl	SH	SH	NH ₂
	acyl	acyl	SH	SH	NH-cyclopropyl
	acyl	acyl	SH	SH	NH-methyl
60	acyl	acyl	SH	SH	NH-ethyl
	acyl	acyl	SH	SH	NH-acetyl
	acyl	acyl	SH	SH	OH
	acyl	acyl	SH	SH	OMe
	acyl	acyl	SH	SH	OEt
	acyl	acyl	SH	SH	O-cyclopropyl
65	acyl	acyl	SH	SH	O-acetyl
	acyl	acyl	SH	SH	SH
	acyl	acyl	SH	SH	SMe
	acyl	acyl	SH	SH	SEt
	acyl	acyl	SH	SH	S-cyclopropyl

TABLE 13-continued

R ²	R ³	X ¹	X ²	Y
acyl	acyl	SH	SH	F
acyl	acyl	SH	SH	Cl
acyl	acyl	SH	SH	Br
acyl	acyl	SH	SH	I
acyl	amino acid	SH	SH	H
acyl	amino acid	SH	SH	NH ₂
acyl	amino acid	SH	SH	NH-cyclopropyl
acyl	amino acid	SH	SH	NH-methyl
acyl	amino acid	SH	SH	NH-ethyl
acyl	amino acid	SH	SH	NH-acetyl
acyl	amino acid	SH	SH	OH
acyl	amino acid	SH	SH	OMe
acyl	amino acid	SH	SH	OEt
acyl	amino acid	SH	SH	O-cyclopropyl
acyl	amino acid	SH	SH	O-acetyl
acyl	amino acid	SH	SH	SH
acyl	amino acid	SH	SH	SMe
acyl	amino acid	SH	SH	SEt
acyl	amino acid	SH	SH	S-cyclopropyl
acyl	amino acid	SH	SH	F
acyl	amino acid	SH	SH	Cl
acyl	amino acid	SH	SH	Br
acyl	amino acid	SH	SH	I
H	acyl	SH	SH	H
H	acyl	SH	SH	NH ₂
H	acyl	SH	SH	NH-cyclopropyl
H	acyl	SH	SH	NH-methyl
H	acyl	SH	SH	NH-ethyl
H	acyl	SH	SH	NH-acetyl
H	acyl	SH	SH	OH
H	acyl	SH	SH	OMe
H	acyl	SH	SH	OEt
H	acyl	SH	SH	O-cyclopropyl
H	acyl	SH	SH	O-acetyl
H	acyl	SH	SH	SH
H	acyl	SH	SH	SMe
H	acyl	SH	SH	SEt
H	acyl	SH	SH	S-cyclopropyl
H	acyl	SH	SH	F
H	acyl	SH	SH	Cl
H	acyl	SH	SH	Br
H	acyl	SH	SH	I
H	amino acid	SH	SH	H
H	amino acid	SH	SH	NH ₂
H	amino acid	SH	SH	NH-cyclopropyl
H	amino acid	SH	SH	NH-methyl
H	amino acid	SH	SH	NH-ethyl
H	amino acid	SH	SH	NH-acetyl
H	amino acid	SH	SH	OH
H	amino acid	SH	SH	OMe
H	amino acid	SH	SH	OEt
H	amino acid	SH	SH	O-cyclopropyl
H	amino acid	SH	SH	O-acetyl
H	amino acid	SH	SH	SH
H	amino acid	SH	SH	SMe
H	amino acid	SH	SH	SEt
H	amino acid	SH	SH	S-cyclopropyl
H	amino acid	SH	SH	F
H	amino acid	SH	SH	Cl
H	amino acid	SH	SH	Br
H	amino acid	SH	SH	I
amino acid	amino acid	SH	SH	H
amino acid	amino acid	SH	SH	NH ₂
amino acid	amino acid	SH	SH	NH-cyclopropyl
amino acid	amino acid	SH	SH	NH-methyl
amino acid	amino acid	SH	SH	NH-ethyl
amino acid	amino acid	SH	SH	NH-acetyl
amino acid	amino acid	SH	SH	OH
amino acid	amino acid	SH	SH	OMe
amino acid	amino acid	SH	SH	OEt
amino acid	amino acid	SH	SH	O-cyclopropyl
amino acid	amino acid	SH	SH	O-acetyl
amino acid	amino acid	SH	SH	SH
amino acid	amino acid	SH	SH	SMe
amino acid	amino acid	SH	SH	SEt
amino acid	amino acid	SH	SH	S-cyclopropyl
amino acid	amino acid	SH	SH	F

TABLE 13-continued

R ²	R ³	X ¹	X ²	Y
5	amino acid	SH	SH	Cl
	amino acid	SH	SH	Br
	amino acid	SH	SH	I
	amino acid	H	SH	H
	amino acid	H	SH	NH ₂
10	amino acid	H	SH	NH-cyclopropyl
	amino acid	H	SH	NH-methyl
	amino acid	H	SH	NH-ethyl
	amino acid	H	SH	NH-acetyl
	amino acid	H	SH	OH
15	amino acid	H	SH	OMe
	amino acid	H	SH	OEt
	amino acid	H	SH	O-cyclopropyl
	amino acid	H	SH	O-acetyl
	amino acid	H	SH	SH
20	amino acid	H	SH	SMe
	amino acid	H	SH	SEt
	amino acid	H	SH	S-cyclopropyl
	amino acid	H	SH	F
	amino acid	H	SH	Cl
25	amino acid	H	SH	Br
	amino acid	H	SH	I
	amino acid	acyl	SH	H
	amino acid	acyl	SH	NH ₂
	amino acid	acyl	SH	NH-cyclopropyl
30	amino acid	acyl	SH	NH-methyl
	amino acid	acyl	SH	NH-ethyl
	amino acid	acyl	SH	NH-acetyl
	amino acid	acyl	SH	OH
	amino acid	acyl	SH	OMe
35	amino acid	acyl	SH	OEt
	amino acid	acyl	SH	O-cyclopropyl
	amino acid	acyl	SH	O-acetyl
	amino acid	acyl	SH	SH
	amino acid	acyl	SH	SMe
40	amino acid	acyl	SH	SEt
	amino acid	acyl	SH	S-cyclopropyl
	amino acid	acyl	SH	F
	amino acid	acyl	SH	Cl
	amino acid	acyl	SH	Br
45	acyl	H	OH	I
	acyl	H	OH	H
	acyl	H	OH	NH ₂
	acyl	H	OH	NH-cyclopropyl
	acyl	H	OH	NH-methyl
50	acyl	H	OH	NH-ethyl
	acyl	H	OH	NH-acetyl
	acyl	H	OH	OH
	acyl	H	OH	OMe
	acyl	H	OH	OEt
55	acyl	H	OH	O-cyclopropyl
	acyl	H	OH	O-acetyl
	acyl	H	OH	SH
	acyl	H	OH	SMe
	acyl	H	OH	SEt
60	acyl	H	OH	S-cyclopropyl
	acyl	H	OH	F
	acyl	H	OH	Cl
	acyl	H	OH	Br
	acyl	H	OH	I
65	acyl	acyl	OH	H
	acyl	acyl	OH	NH ₂
	acyl	acyl	OH	NH-cyclopropyl
	acyl	acyl	OH	NH-methyl
	acyl	acyl	OH	NH-ethyl
	acyl	acyl	OH	NH-acetyl
	acyl	acyl	OH	OH
	acyl	acyl	OH	OMe
	acyl	acyl	OH	OEt
	acyl	acyl	OH	O-cyclopropyl
	acyl	acyl	OH	O-acetyl
	acyl	acyl	OH	SH
	acyl	acyl	OH	SMe
	acyl	acyl	OH	SEt
	acyl	acyl	OH	S-cyclopropyl
	acyl	acyl	OH	F
	acyl	acyl	OH	Cl

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TABLE 13-continued

R ²	R ³	X ¹	X ²	Y
acyl	acyl	OH	SH	Br
acyl	acyl	OH	SH	I
acyl	amino acid	OH	SH	H
acyl	amino acid	OH	SH	NH ₂
acyl	amino acid	OH	SH	NH-cyclopropyl
acyl	amino acid	OH	SH	NH-methyl
acyl	amino acid	OH	SH	NH-ethyl
acyl	amino acid	OH	SH	NH-acetyl
acyl	amino acid	OH	SH	OH
acyl	amino acid	OH	SH	OMe
acyl	amino acid	OH	SH	OEt
acyl	amino acid	OH	SH	O-cyclopropyl
acyl	amino acid	OH	SH	O-acetyl
acyl	amino acid	OH	SH	SMe
acyl	amino acid	OH	SH	SEt
acyl	amino acid	OH	SH	S-cyclopropyl
acyl	amino acid	OH	SH	F
acyl	amino acid	OH	SH	Cl
acyl	amino acid	OH	SH	Br
acyl	amino acid	OH	SH	I
H	acyl	OH	SH	H
H	acyl	OH	SH	NH ₂
H	acyl	OH	SH	NH-cyclopropyl
H	acyl	OH	SH	NH-methyl
H	acyl	OH	SH	NH-ethyl
H	acyl	OH	SH	NH-acetyl
H	acyl	OH	SH	OH
H	acyl	OH	SH	OMe
H	acyl	OH	SH	OEt
H	acyl	OH	SH	O-cyclopropyl
H	acyl	OH	SH	O-acetyl
H	acyl	OH	SH	SMe
H	acyl	OH	SH	SEt
H	acyl	OH	SH	S-cyclopropyl
H	acyl	OH	SH	F
H	acyl	OH	SH	Cl
H	acyl	OH	SH	Br
H	acyl	OH	SH	I
H	acyl	OH	SH	H
H	amino acid	OH	SH	H
H	amino acid	OH	SH	NH ₂
H	amino acid	OH	SH	NH-cyclopropyl
H	amino acid	OH	SH	NH-methyl
H	amino acid	OH	SH	NH-ethyl
H	amino acid	OH	SH	NH-acetyl
H	amino acid	OH	SH	OH
H	amino acid	OH	SH	OMe
H	amino acid	OH	SH	OEt
H	amino acid	OH	SH	O-cyclopropyl
H	amino acid	OH	SH	O-acetyl
H	amino acid	OH	SH	SMe
H	amino acid	OH	SH	SEt
H	amino acid	OH	SH	S-cyclopropyl
H	amino acid	OH	SH	F
H	amino acid	OH	SH	Cl
H	amino acid	OH	SH	Br
H	amino acid	OH	SH	I
H	amino acid	OH	SH	H
H	amino acid	OH	SH	NH ₂
H	amino acid	OH	SH	NH-cyclopropyl
H	amino acid	OH	SH	NH-methyl
H	amino acid	OH	SH	NH-ethyl
H	amino acid	OH	SH	NH-acetyl
H	amino acid	OH	SH	OH
H	amino acid	OH	SH	OMe
H	amino acid	OH	SH	OEt
H	amino acid	OH	SH	O-cyclopropyl
H	amino acid	OH	SH	O-acetyl
H	amino acid	OH	SH	SMe
H	amino acid	OH	SH	SEt
H	amino acid	OH	SH	S-cyclopropyl
H	amino acid	OH	SH	F
H	amino acid	OH	SH	Cl
H	amino acid	OH	SH	Br
H	amino acid	OH	SH	I
H	amino acid	OH	SH	H
H	amino acid	OH	SH	NH ₂
H	amino acid	OH	SH	NH-cyclopropyl
H	amino acid	OH	SH	NH-methyl
H	amino acid	OH	SH	NH-ethyl
H	amino acid	OH	SH	NH-acetyl
H	amino acid	OH	SH	OH
H	amino acid	OH	SH	OMe
H	amino acid	OH	SH	OEt
H	amino acid	OH	SH	O-cyclopropyl
H	amino acid	OH	SH	O-acetyl
H	amino acid	OH	SH	SMe
H	amino acid	OH	SH	SEt
H	amino acid	OH	SH	S-cyclopropyl
H	amino acid	OH	SH	F
H	amino acid	OH	SH	Cl
H	amino acid	OH	SH	Br
H	amino acid	OH	SH	I

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TABLE 13-continued

R ²	R ³	X ¹	X ²	Y	
5	amino acid	amino acid	OH	SH	I
	amino acid	H	OH	SH	H
	amino acid	H	OH	SH	NH ₂
	amino acid	H	OH	SH	NH-cyclopropyl
	amino acid	H	OH	SH	NH-methyl
	amino acid	H	OH	SH	NH-ethyl
10	amino acid	H	OH	SH	NH-acetyl
	amino acid	H	OH	SH	OH
	amino acid	H	OH	SH	OMe
	amino acid	H	OH	SH	OEt
	amino acid	H	OH	SH	O-cyclopropyl
	amino acid	H	OH	SH	O-acetyl
15	amino acid	H	OH	SH	SH
	amino acid	H	OH	SH	SMe
	amino acid	H	OH	SH	SEt
	amino acid	H	OH	SH	S-cyclopropyl
	amino acid	H	OH	SH	F
	amino acid	H	OH	SH	Cl
20	amino acid	H	OH	SH	Br
	amino acid	H	OH	SH	I
	amino acid	acyl	OH	SH	H
	amino acid	acyl	OH	SH	NH ₂
	amino acid	acyl	OH	SH	NH-cyclopropyl
	amino acid	acyl	OH	SH	NH-methyl
25	amino acid	acyl	OH	SH	NH-ethyl
	amino acid	acyl	OH	SH	NH-acetyl
	amino acid	acyl	OH	SH	OH
	amino acid	acyl	OH	SH	OMe
	amino acid	acyl	OH	SH	OEt
	amino acid	acyl	OH	SH	O-cyclopropyl
30	amino acid	acyl	OH	SH	O-acetyl
	amino acid	acyl	OH	SH	SH
	amino acid	acyl	OH	SH	SMe
	amino acid	acyl	OH	SH	SEt
	amino acid	acyl	OH	SH	S-cyclopropyl
	amino acid	acyl	OH	SH	F
35	amino acid	acyl	OH	SH	Cl
	amino acid	acyl	OH	SH	Br
	amino acid	acyl	OH	SH	I
	acyl	H	CH ₃	OH	H
	acyl	H	CH ₃	OH	NH ₂
	acyl	H	CH ₃	OH	NH-cyclopropyl
40	acyl	H	CH ₃	OH	NH-methyl
	acyl	H	CH ₃	OH	NH-ethyl
	acyl	H	CH ₃	OH	NH-acetyl
	acyl	H	CH ₃	OH	OH
	acyl	H	CH ₃	OH	OMe
	acyl	H	CH ₃	OH	OEt
45	acyl	H	CH ₃	OH	O-cyclopropyl
	acyl	H	CH ₃	OH	O-acetyl
	acyl	H	CH ₃	OH	SH
	acyl	H	CH ₃	OH	SMe
	acyl	H	CH ₃	OH	SEt
	acyl	H	CH ₃	OH	S-cyclopropyl
50	acyl	H	CH ₃	OH	F
	acyl	H	CH ₃	OH	Cl
	acyl	H	CH ₃	OH	Br
	acyl	H	CH ₃	OH	I
	acyl	acyl	CH ₃	OH	H
	acyl	acyl	CH ₃	OH	NH ₂
55	acyl	acyl	CH ₃	OH	NH-cyclopropyl
	acyl	acyl	CH ₃	OH	NH-methyl
	acyl	acyl	CH ₃	OH	NH-ethyl
	acyl	acyl	CH ₃	OH	NH-acetyl
	acyl	acyl	CH ₃	OH	OH
	acyl	acyl	CH ₃	OH	OMe
60	acyl	acyl	CH ₃	OH	OEt
	acyl	acyl	CH ₃	OH	O-cyclopropyl
	acyl	acyl	CH ₃	OH	O-acetyl
	acyl	acyl	CH ₃	OH	SH
	acyl	acyl	CH ₃	OH	SMe
	acyl	acyl	CH ₃	OH	SEt
65	acyl	acyl	CH ₃	OH	S-cyclopropyl
	acyl	acyl	CH ₃	OH	F
	acyl	acyl	CH ₃	OH	Cl
	acyl	acyl	CH ₃	OH	Br
	acyl	acyl	CH ₃	OH	I

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TABLE 13-continued

R ²	R ³	X ¹	X ²	Y
acyl	amino acid	CH ₃	OH	H
acyl	amino acid	CH ₃	OH	NH ₂
acyl	amino acid	CH ₃	OH	NH-cyclopropyl
acyl	amino acid	CH ₃	OH	NH-methyl
acyl	amino acid	CH ₃	OH	NH-ethyl
acyl	amino acid	CH ₃	OH	NH-acetyl
acyl	amino acid	CH ₃	OH	OH
acyl	amino acid	CH ₃	OH	OMe
acyl	amino acid	CH ₃	OH	OEt
acyl	amino acid	CH ₃	OH	O-cyclopropyl
acyl	amino acid	CH ₃	OH	O-acetyl
acyl	amino acid	CH ₃	OH	SH
acyl	amino acid	CH ₃	OH	SMe
acyl	amino acid	CH ₃	OH	SEt
acyl	amino acid	CH ₃	OH	S-cyclopropyl
acyl	amino acid	CH ₃	OH	F
acyl	amino acid	CH ₃	OH	Cl
acyl	amino acid	CH ₃	OH	Br
acyl	amino acid	CH ₃	OH	I
H	acyl	CH ₃	OH	H
H	acyl	CH ₃	OH	NH ₂
H	acyl	CH ₃	OH	NH-cyclopropyl
H	acyl	CH ₃	OH	NH-methyl
H	acyl	CH ₃	OH	NH-ethyl
H	acyl	CH ₃	OH	NH-acetyl
H	acyl	CH ₃	OH	OH
H	acyl	CH ₃	OH	OMe
H	acyl	CH ₃	OH	OEt
H	acyl	CH ₃	OH	O-cyclopropyl
H	acyl	CH ₃	OH	O-acetyl
H	acyl	CH ₃	OH	SH
H	acyl	CH ₃	OH	SMe
H	acyl	CH ₃	OH	SEt
H	acyl	CH ₃	OH	S-cyclopropyl
H	acyl	CH ₃	OH	F
H	acyl	CH ₃	OH	Cl
H	acyl	CH ₃	OH	Br
H	acyl	CH ₃	OH	I
H	amino acid	CH ₃	OH	H
H	amino acid	CH ₃	OH	NH ₂
H	amino acid	CH ₃	OH	NH-cyclopropyl
H	amino acid	CH ₃	OH	NH-methyl
H	amino acid	CH ₃	OH	NH-ethyl
H	amino acid	CH ₃	OH	NH-acetyl
H	amino acid	CH ₃	OH	OH
H	amino acid	CH ₃	OH	OMe
H	amino acid	CH ₃	OH	OEt
H	amino acid	CH ₃	OH	O-cyclopropyl
H	amino acid	CH ₃	OH	O-acetyl
H	amino acid	CH ₃	OH	SH
H	amino acid	CH ₃	OH	SMe
H	amino acid	CH ₃	OH	SEt
H	amino acid	CH ₃	OH	S-cyclopropyl
H	amino acid	CH ₃	OH	F
H	amino acid	CH ₃	OH	Cl
H	amino acid	CH ₃	OH	Br
H	amino acid	CH ₃	OH	I
amino acid	amino acid	CH ₃	OH	H
amino acid	amino acid	CH ₃	OH	NH ₂
amino acid	amino acid	CH ₃	OH	NH-cyclopropyl
amino acid	amino acid	CH ₃	OH	NH-methyl
amino acid	amino acid	CH ₃	OH	NH-ethyl
amino acid	amino acid	CH ₃	OH	NH-acetyl
amino acid	amino acid	CH ₃	OH	OH
amino acid	amino acid	CH ₃	OH	OMe
amino acid	amino acid	CH ₃	OH	OEt
amino acid	amino acid	CH ₃	OH	O-cyclopropyl
amino acid	amino acid	CH ₃	OH	O-acetyl
amino acid	amino acid	CH ₃	OH	SH
amino acid	amino acid	CH ₃	OH	SMe
amino acid	amino acid	CH ₃	OH	SEt
amino acid	amino acid	CH ₃	OH	S-cyclopropyl
amino acid	amino acid	CH ₃	OH	F
amino acid	amino acid	CH ₃	OH	Cl
amino acid	amino acid	CH ₃	OH	Br
amino acid	amino acid	CH ₃	OH	I
amino acid	H	CH ₃	OH	H

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TABLE 13-continued

R ²		R ³	X ¹	X ²	Y
5	amino acid	H	CH ₃	OH	NH ₂
	amino acid	H	CH ₃	OH	NH-cyclopropyl
	amino acid	H	CH ₃	OH	NH-methyl
	amino acid	H	CH ₃	OH	NH-ethyl
	amino acid	H	CH ₃	OH	NH-acetyl
	amino acid	H	CH ₃	OH	OH
10	amino acid	H	CH ₃	OH	OMe
	amino acid	H	CH ₃	OH	OEt
	amino acid	H	CH ₃	OH	O-cyclopropyl
	amino acid	H	CH ₃	OH	O-acetyl
	amino acid	H	CH ₃	OH	SH
	amino acid	H	CH ₃	OH	SMe
15	amino acid	H	CH ₃	OH	SEt
	amino acid	H	CH ₃	OH	S-cyclopropyl
	amino acid	H	CH ₃	OH	F
	amino acid	H	CH ₃	OH	Cl
	amino acid	H	CH ₃	OH	Br
	amino acid	H	CH ₃	OH	I
20	amino acid	acyl	CH ₃	OH	H
	amino acid	acyl	CH ₃	OH	NH ₂
	amino acid	acyl	CH ₃	OH	NH-cyclopropyl
	amino acid	acyl	CH ₃	OH	NH-methyl
	amino acid	acyl	CH ₃	OH	NH-ethyl
	amino acid	acyl	CH ₃	OH	NH-acetyl
25	amino acid	acyl	CH ₃	OH	OH
	amino acid	acyl	CH ₃	OH	OMe
	amino acid	acyl	CH ₃	OH	OEt
	amino acid	acyl	CH ₃	OH	O-cyclopropyl
	amino acid	acyl	CH ₃	OH	O-acetyl
	amino acid	acyl	CH ₃	OH	SH
	amino acid	acyl	CH ₃	OH	SMe
30	amino acid	acyl	CH ₃	OH	SEt
	amino acid	acyl	CH ₃	OH	S-cyclopropyl
	amino acid	acyl	CH ₃	OH	F
	amino acid	acyl	CH ₃	OH	Cl
	amino acid	acyl	CH ₃	OH	Br
	amino acid	acyl	CH ₃	OH	I
35	acyl	H	CF ₃	OH	H
	acyl	H	CF ₃	OH	NH ₂
	acyl	H	CF ₃	OH	NH-cyclopropyl
	acyl	H	CF ₃	OH	NH-methyl
	acyl	H	CF ₃	OH	NH-ethyl
	acyl	H	CF ₃	OH	NH-acetyl
40	acyl	H	CF ₃	OH	OH
	acyl	H	CF ₃	OH	OMe
	acyl	H	CF ₃	OH	OEt
	acyl	H	CF ₃	OH	O-cyclopropyl
	acyl	H	CF ₃	OH	O-acetyl
	acyl	H	CF ₃	OH	SH
	acyl	H	CF ₃	OH	SMe
45	acyl	H	CF ₃	OH	SEt
	acyl	H	CF ₃	OH	S-cyclopropyl
	acyl	H	CF ₃	OH	F
	acyl	H	CF ₃	OH	Cl
	acyl	H	CF ₃	OH	Br
	acyl	H	CF ₃	OH	I
50	acyl	acyl	CF ₃	OH	H
	acyl	acyl	CF ₃	OH	NH ₂
	acyl	acyl	CF ₃	OH	NH-cyclopropyl
	acyl	acyl	CF ₃	OH	NH-methyl
	acyl	acyl	CF ₃	OH	NH-ethyl
	acyl	acyl	CF ₃	OH	NH-acetyl
55	acyl	acyl	CF ₃	OH	OH
	acyl	acyl	CF ₃	OH	OMe
	acyl	acyl	CF ₃	OH	OEt
	acyl	acyl	CF ₃	OH	O-cyclopropyl
	acyl	acyl	CF ₃	OH	O-acetyl
	acyl	acyl	CF ₃	OH	SH
60	acyl	acyl	CF ₃	OH	SMe
	acyl	acyl	CF ₃	OH	SEt
	acyl	acyl	CF ₃	OH	S-cyclopropyl
	acyl	acyl	CF ₃	OH	F
	acyl	acyl	CF ₃	OH	Cl
	acyl	acyl	CF ₃	OH	Br
	acyl	acyl	CF ₃	OH	I
65	acyl	amino acid	CF ₃	OH	H
	acyl	amino acid	CF ₃	OH	NH ₂

TABLE 13-continued

R ²	R ³	X ¹	X ²	Y
acyl	amino acid	CF ₃	OH	NH-cyclopropyl
acyl	amino acid	CF ₃	OH	NH-methyl
acyl	amino acid	CF ₃	OH	NH-ethyl
acyl	amino acid	CF ₃	OH	NH-acetyl
acyl	amino acid	CF ₃	OH	OH
acyl	amino acid	CF ₃	OH	OMe
acyl	amino acid	CF ₃	OH	OEt
acyl	amino acid	CF ₃	OH	O-cyclopropyl
acyl	amino acid	CF ₃	OH	O-acetyl
acyl	amino acid	CF ₃	OH	SH
acyl	amino acid	CF ₃	OH	SMe
acyl	amino acid	CF ₃	OH	SEt
acyl	amino acid	CF ₃	OH	S-cyclopropyl
acyl	amino acid	CF ₃	OH	F
acyl	amino acid	CF ₃	OH	Cl
acyl	amino acid	CF ₃	OH	Br
acyl	amino acid	CF ₃	OH	I
H	acyl	CF ₃	OH	H
H	acyl	CF ₃	OH	NH ₂
H	acyl	CF ₃	OH	NH-cyclopropyl
H	acyl	CF ₃	OH	NH-methyl
H	acyl	CF ₃	OH	NH-ethyl
H	acyl	CF ₃	OH	NH-acetyl
H	acyl	CF ₃	OH	OH
H	acyl	CF ₃	OH	OMe
H	acyl	CF ₃	OH	OEt
H	acyl	CF ₃	OH	O-cyclopropyl
H	acyl	CF ₃	OH	O-acetyl
H	acyl	CF ₃	OH	SH
H	acyl	CF ₃	OH	SMe
H	acyl	CF ₃	OH	SEt
H	acyl	CF ₃	OH	S-cyclopropyl
H	acyl	CF ₃	OH	F
H	acyl	CF ₃	OH	Cl
H	acyl	CF ₃	OH	Br
H	acyl	CF ₃	OH	I
H	acyl	CF ₃	OH	H
H	amino acid	CF ₃	OH	H
H	amino acid	CF ₃	OH	NH ₂
H	amino acid	CF ₃	OH	NH-cyclopropyl
H	amino acid	CF ₃	OH	NH-methyl
H	amino acid	CF ₃	OH	NH-ethyl
H	amino acid	CF ₃	OH	NH-acetyl
H	amino acid	CF ₃	OH	OH
H	amino acid	CF ₃	OH	OMe
H	amino acid	CF ₃	OH	OEt
H	amino acid	CF ₃	OH	O-cyclopropyl
H	amino acid	CF ₃	OH	O-acetyl
H	amino acid	CF ₃	OH	SH
H	amino acid	CF ₃	OH	SMe
H	amino acid	CF ₃	OH	SEt
H	amino acid	CF ₃	OH	S-cyclopropyl
H	amino acid	CF ₃	OH	F
H	amino acid	CF ₃	OH	Cl
H	amino acid	CF ₃	OH	Br
H	amino acid	CF ₃	OH	I
H	amino acid	CF ₃	OH	H
amino acid	amino acid	CF ₃	OH	H
amino acid	amino acid	CF ₃	OH	NH ₂
amino acid	amino acid	CF ₃	OH	NH-cyclopropyl
amino acid	amino acid	CF ₃	OH	NH-methyl
amino acid	amino acid	CF ₃	OH	NH-ethyl
amino acid	amino acid	CF ₃	OH	NH-acetyl
amino acid	amino acid	CF ₃	OH	OH
amino acid	amino acid	CF ₃	OH	OMe
amino acid	amino acid	CF ₃	OH	OEt
amino acid	amino acid	CF ₃	OH	O-cyclopropyl
amino acid	amino acid	CF ₃	OH	O-acetyl
amino acid	amino acid	CF ₃	OH	SH
amino acid	amino acid	CF ₃	OH	SMe
amino acid	amino acid	CF ₃	OH	SEt
amino acid	amino acid	CF ₃	OH	S-cyclopropyl
amino acid	amino acid	CF ₃	OH	F
amino acid	amino acid	CF ₃	OH	Cl
amino acid	amino acid	CF ₃	OH	Br
amino acid	amino acid	CF ₃	OH	I
amino acid	amino acid	CF ₃	OH	H
amino acid	H	CF ₃	OH	H
amino acid	H	CF ₃	OH	NH ₂
amino acid	H	CF ₃	OH	NH-cyclopropyl

TABLE 13-continued

R ²	R ³	X ¹	X ²	Y	
5	amino acid	H	CF ₃	OH	NH-methyl
	amino acid	H	CF ₃	OH	NH-ethyl
	amino acid	H	CF ₃	OH	NH-acetyl
	amino acid	H	CF ₃	OH	OH
	amino acid	H	CF ₃	OH	OMe
	amino acid	H	CF ₃	OH	OEt
10	amino acid	H	CF ₃	OH	O-cyclopropyl
	amino acid	H	CF ₃	OH	O-acetyl
	amino acid	H	CF ₃	OH	SH
	amino acid	H	CF ₃	OH	SMe
	amino acid	H	CF ₃	OH	SEt
	amino acid	H	CF ₃	OH	S-cyclopropyl
15	amino acid	H	CF ₃	OH	F
	amino acid	H	CF ₃	OH	Cl
	amino acid	H	CF ₃	OH	Br
	amino acid	H	CF ₃	OH	I
	amino acid	acyl	CF ₃	OH	H
	amino acid	acyl	CF ₃	OH	NH ₂
20	amino acid	acyl	CF ₃	OH	NH-cyclopropyl
	amino acid	acyl	CF ₃	OH	NH-methyl
	amino acid	acyl	CF ₃	OH	NH-ethyl
	amino acid	acyl	CF ₃	OH	NH-acetyl
	amino acid	acyl	CF ₃	OH	OH
	amino acid	acyl	CF ₃	OH	OMe
25	amino acid	acyl	CF ₃	OH	OEt
	amino acid	acyl	CF ₃	OH	O-cyclopropyl
	amino acid	acyl	CF ₃	OH	O-acetyl
	amino acid	acyl	CF ₃	OH	SH
	amino acid	acyl	CF ₃	OH	SMe
	amino acid	acyl	CF ₃	OH	SEt
30	amino acid	acyl	CF ₃	OH	S-cyclopropyl
	amino acid	acyl	CF ₃	OH	F
	amino acid	acyl	CF ₃	OH	Cl
	amino acid	acyl	CF ₃	OH	Br
	amino acid	acyl	CF ₃	OH	I
	acyl	H	Br	OH	H
35	acyl	H	Br	OH	NH ₂
	acyl	H	Br	OH	NH-cyclopropyl
	acyl	H	Br	OH	NH-methyl
	acyl	H	Br	OH	NH-ethyl
	acyl	H	Br	OH	NH-acetyl
	acyl	H	Br	OH	OH
40	acyl	H	Br	OH	OMe
	acyl	H	Br	OH	OEt
	acyl	H	Br	OH	O-cyclopropyl
	acyl	H	Br	OH	O-acetyl
	acyl	H	Br	OH	SH
	acyl	H	Br	OH	SMe
45	acyl	H	Br	OH	SEt
	acyl	H	Br	OH	S-cyclopropyl
	acyl	H	Br	OH	F
	acyl	H	Br	OH	Cl
	acyl	H	Br	OH	Br
	acyl	H	Br	OH	I
50	acyl	acyl	Br	OH	H
	acyl	acyl	Br	OH	NH ₂
	acyl	acyl	Br	OH	NH-cyclopropyl
	acyl	acyl	Br	OH	NH-methyl
	acyl	acyl	Br	OH	NH-ethyl
	acyl	acyl	Br	OH	NH-acetyl
55	acyl	acyl	Br	OH	OH
	acyl	acyl	Br	OH	OMe
	acyl	acyl	Br	OH	OEt
	acyl	acyl	Br	OH	O-cyclopropyl
	acyl	acyl	Br	OH	O-acetyl
	acyl	acyl	Br	OH	SH
60	acyl	acyl	Br	OH	SMe
	acyl	acyl	Br	OH	SEt
	acyl	acyl	Br	OH	S-cyclopropyl
	acyl	acyl	Br	OH	F
	acyl	acyl	Br	OH	Cl
	acyl	acyl	Br	OH	Br
65	acyl	acyl	Br	OH	I
	acyl	amino acid	Br	OH	H
	acyl	amino acid	Br	OH	NH ₂
	acyl	amino acid	Br	OH	NH-cyclopropyl
	acyl	amino acid	Br	OH	NH-methyl

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TABLE 13-continued

R ²	R ³	X ¹	X ²	Y
acyl	amino acid	Br	OH	NH-ethyl
acyl	amino acid	Br	OH	NH-acetyl
acyl	amino acid	Br	OH	OH
acyl	amino acid	Br	OH	OMe
acyl	amino acid	Br	OH	OEt
acyl	amino acid	Br	OH	O-cyclopropyl
acyl	amino acid	Br	OH	O-acetyl
acyl	amino acid	Br	OH	SH
acyl	amino acid	Br	OH	SMe
acyl	amino acid	Br	OH	SEt
acyl	amino acid	Br	OH	S-cyclopropyl
acyl	amino acid	Br	OH	F
acyl	amino acid	Br	OH	Cl
acyl	amino acid	Br	OH	Br
acyl	amino acid	Br	OH	I
H	acyl	Br	OH	H
H	acyl	Br	OH	NH ₂
H	acyl	Br	OH	NH-cyclopropyl
H	acyl	Br	OH	NH-methyl
H	acyl	Br	OH	NH-ethyl
H	acyl	Br	OH	NH-acetyl
H	acyl	Br	OH	OH
H	acyl	Br	OH	OMe
H	acyl	Br	OH	OEt
H	acyl	Br	OH	O-cyclopropyl
H	acyl	Br	OH	O-acetyl
H	acyl	Br	OH	SH
H	acyl	Br	OH	SMe
H	acyl	Br	OH	SEt
H	acyl	Br	OH	S-cyclopropyl
H	acyl	Br	OH	F
H	acyl	Br	OH	Cl
H	acyl	Br	OH	Br
H	acyl	Br	OH	I
H	amino acid	Br	OH	H
H	amino acid	Br	OH	NH ₂
H	amino acid	Br	OH	NH-cyclopropyl
H	amino acid	Br	OH	NH-methyl
H	amino acid	Br	OH	NH-ethyl
H	amino acid	Br	OH	NH-acetyl
H	amino acid	Br	OH	OH
H	amino acid	Br	OH	OMe
H	amino acid	Br	OH	OEt
H	amino acid	Br	OH	O-cyclopropyl
H	amino acid	Br	OH	O-acetyl
H	amino acid	Br	OH	SH
H	amino acid	Br	OH	SMe
H	amino acid	Br	OH	SEt
H	amino acid	Br	OH	S-cyclopropyl
H	amino acid	Br	OH	F
H	amino acid	Br	OH	Cl
H	amino acid	Br	OH	Br
H	amino acid	Br	OH	I
amino acid	amino acid	Br	OH	H
amino acid	amino acid	Br	OH	NH ₂
amino acid	amino acid	Br	OH	NH-cyclopropyl
amino acid	amino acid	Br	OH	NH-methyl
amino acid	amino acid	Br	OH	NH-ethyl
amino acid	amino acid	Br	OH	NH-acetyl
amino acid	amino acid	Br	OH	OH
amino acid	amino acid	Br	OH	OMe
amino acid	amino acid	Br	OH	OEt
amino acid	amino acid	Br	OH	O-cyclopropyl
amino acid	amino acid	Br	OH	O-acetyl
amino acid	amino acid	Br	OH	SH
amino acid	amino acid	Br	OH	SMe
amino acid	amino acid	Br	OH	SEt
amino acid	amino acid	Br	OH	S-cyclopropyl
amino acid	amino acid	Br	OH	F
amino acid	amino acid	Br	OH	Cl
amino acid	amino acid	Br	OH	Br
amino acid	amino acid	Br	OH	I
amino acid	H	Br	OH	H
amino acid	H	Br	OH	NH ₂
amino acid	H	Br	OH	NH-cyclopropyl
amino acid	H	Br	OH	NH-methyl
amino acid	H	Br	OH	NH-ethyl

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TABLE 13-continued

	R ²	R ³	X ¹	X ²	Y
5	amino acid	H	Br	OH	NH-acetyl
	amino acid	H	Br	OH	OH
	amino acid	H	Br	OH	OMe
	amino acid	H	Br	OH	OEt
	amino acid	H	Br	OH	O-cyclopropyl
	amino acid	H	Br	OH	O-acetyl
10	amino acid	H	Br	OH	SH
	amino acid	H	Br	OH	SMe
	amino acid	H	Br	OH	SEt
	amino acid	H	Br	OH	S-cyclopropyl
	amino acid	H	Br	OH	F
	amino acid	H	Br	OH	Cl
15	amino acid	H	Br	OH	Br
	amino acid	H	Br	OH	I
	amino acid	acyl	Br	OH	H
	amino acid	acyl	Br	OH	NH ₃
	amino acid	acyl	Br	OH	NH-cyclopropyl
	amino acid	acyl	Br	OH	NH-methyl
20	amino acid	acyl	Br	OH	NH-ethyl
	amino acid	acyl	Br	OH	NH-acetyl
	amino acid	acyl	Br	OH	OH
	amino acid	acyl	Br	OH	OMe
	amino acid	acyl	Br	OH	OEt
	amino acid	acyl	Br	OH	O-cyclopropyl
	amino acid	acyl	Br	OH	O-acetyl
25	amino acid	acyl	Br	OH	SH
	amino acid	acyl	Br	OH	SMe
	amino acid	acyl	Br	OH	SEt
	amino acid	acyl	Br	OH	S-cyclopropyl
	amino acid	acyl	Br	OH	F
	amino acid	acyl	Br	OH	Cl
30	amino acid	acyl	Br	OH	Br
	amino acid	acyl	Br	OH	I
	acyl	H	Cl	OH	H
	acyl	H	Cl	OH	NH ₃
	acyl	H	Cl	OH	NH-cyclopropyl
	acyl	H	Cl	OH	NH-methyl
35	acyl	H	Cl	OH	NH-ethyl
	acyl	H	Cl	OH	NH-acetyl
	acyl	H	Cl	OH	OH
	acyl	H	Cl	OH	OMe
	acyl	H	Cl	OH	OEt
	acyl	H	Cl	OH	O-cyclopropyl
	acyl	H	Cl	OH	O-acetyl
40	acyl	H	Cl	OH	SH
	acyl	H	Cl	OH	SMe
	acyl	H	Cl	OH	SEt
	acyl	H	Cl	OH	S-cyclopropyl
	acyl	H	Cl	OH	F
	acyl	H	Cl	OH	Cl
45	acyl	H	Cl	OH	Br
	acyl	H	Cl	OH	I
	acyl	acyl	Cl	OH	H
	acyl	acyl	Cl	OH	NH ₃
	acyl	acyl	Cl	OH	NH-cyclopropyl
	acyl	acyl	Cl	OH	NH-methyl
50	acyl	acyl	Cl	OH	NH-ethyl
	acyl	acyl	Cl	OH	NH-acetyl
	acyl	acyl	Cl	OH	OH
	acyl	acyl	Cl	OH	OMe
	acyl	acyl	Cl	OH	OEt
	acyl	acyl	Cl	OH	O-cyclopropyl
	acyl	acyl	Cl	OH	O-acetyl
55	acyl	acyl	Cl	OH	SH
	acyl	acyl	Cl	OH	SMe
	acyl	acyl	Cl	OH	SEt
	acyl	acyl	Cl	OH	S-cyclopropyl
	acyl	acyl	Cl	OH	F
	acyl	acyl	Cl	OH	Cl
60	acyl	acyl	Cl	OH	Br
	acyl	acyl	Cl	OH	I
	acyl	amino acid	Cl	OH	H
	acyl	amino acid	Cl	OH	NH ₃
	acyl	amino acid	Cl	OH	NH-cyclopropyl
	acyl	amino acid	Cl	OH	NH-methyl
65	acyl	amino acid	Cl	OH	NH-ethyl
	acyl	amino acid	Cl	OH	NH-acetyl

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TABLE 13-continued

R ²	R ³	X ¹	X ²	Y
acyl	amino acid	Cl	OH	OH
acyl	amino acid	Cl	OH	OMe
acyl	amino acid	Cl	OH	OEt
acyl	amino acid	Cl	OH	O-cyclopropyl
acyl	amino acid	Cl	OH	O-acetyl
acyl	amino acid	Cl	OH	SH
acyl	amino acid	Cl	OH	SMe
acyl	amino acid	Cl	OH	SEt
acyl	amino acid	Cl	OH	S-cyclopropyl
acyl	amino acid	Cl	OH	F
acyl	amino acid	Cl	OH	Cl
acyl	amino acid	Cl	OH	Br
acyl	amino acid	Cl	OH	I
H	acyl	Cl	OH	H
H	acyl	Cl	OH	NH ₂
H	acyl	Cl	OH	NH-cyclopropyl
H	acyl	Cl	OH	NH-methyl
H	acyl	Cl	OH	NH-ethyl
H	acyl	Cl	OH	NH-acetyl
H	acyl	Cl	OH	OH
H	acyl	Cl	OH	OMe
H	acyl	Cl	OH	OEt
H	acyl	Cl	OH	O-cyclopropyl
H	acyl	Cl	OH	O-acetyl
H	acyl	Cl	OH	SH
H	acyl	Cl	OH	SMe
H	acyl	Cl	OH	SEt
H	acyl	Cl	OH	S-cyclopropyl
H	acyl	Cl	OH	F
H	acyl	Cl	OH	Cl
H	acyl	Cl	OH	Br
H	acyl	Cl	OH	I
H	acyl	Cl	OH	H
H	amino acid	Cl	OH	H
H	amino acid	Cl	OH	NH ₂
H	amino acid	Cl	OH	NH-cyclopropyl
H	amino acid	Cl	OH	NH-methyl
H	amino acid	Cl	OH	NH-ethyl
H	amino acid	Cl	OH	NH-acetyl
H	amino acid	Cl	OH	OH
H	amino acid	Cl	OH	OMe
H	amino acid	Cl	OH	OEt
H	amino acid	Cl	OH	O-cyclopropyl
H	amino acid	Cl	OH	O-acetyl
H	amino acid	Cl	OH	SH
H	amino acid	Cl	OH	SMe
H	amino acid	Cl	OH	SEt
H	amino acid	Cl	OH	S-cyclopropyl
H	amino acid	Cl	OH	F
H	amino acid	Cl	OH	Cl
H	amino acid	Cl	OH	Br
H	amino acid	Cl	OH	I
H	amino acid	Cl	OH	H
amino acid	amino acid	Cl	OH	NH ₂
amino acid	amino acid	Cl	OH	NH-cyclopropyl
amino acid	amino acid	Cl	OH	NH-methyl
amino acid	amino acid	Cl	OH	NH-ethyl
amino acid	amino acid	Cl	OH	NH-acetyl
amino acid	amino acid	Cl	OH	OH
amino acid	amino acid	Cl	OH	OMe
amino acid	amino acid	Cl	OH	OEt
amino acid	amino acid	Cl	OH	O-cyclopropyl
amino acid	amino acid	Cl	OH	O-acetyl
amino acid	amino acid	Cl	OH	SH
amino acid	amino acid	Cl	OH	SMe
amino acid	amino acid	Cl	OH	SEt
amino acid	amino acid	Cl	OH	S-cyclopropyl
amino acid	amino acid	Cl	OH	F
amino acid	amino acid	Cl	OH	Cl
amino acid	amino acid	Cl	OH	Br
amino acid	amino acid	Cl	OH	I
amino acid	amino acid	Cl	OH	H
amino acid	H	Cl	OH	NH ₂
amino acid	H	Cl	OH	NH-cyclopropyl
amino acid	H	Cl	OH	NH-methyl
amino acid	H	Cl	OH	NH-ethyl
amino acid	H	Cl	OH	NH-acetyl
amino acid	H	Cl	OH	OH

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TABLE 13-continued

R ²	R ³	X ¹	X ²	Y
5	amino acid	H	Cl	OH
	amino acid	H	Cl	OMe
	amino acid	H	Cl	OEt
	amino acid	H	Cl	O-cyclopropyl
	amino acid	H	Cl	O-acetyl
	amino acid	H	Cl	SH
	amino acid	H	Cl	SMe
10	amino acid	H	Cl	SEt
	amino acid	H	Cl	S-cyclopropyl
	amino acid	H	Cl	F
	amino acid	H	Cl	Cl
	amino acid	H	Cl	Br
	amino acid	H	Cl	I
15	amino acid	acyl	Cl	OH
	amino acid	acyl	Cl	OH
	amino acid	acyl	Cl	NH ₂
	amino acid	acyl	Cl	NH-cyclopropyl
	amino acid	acyl	Cl	NH-methyl
	amino acid	acyl	Cl	NH-ethyl
	amino acid	acyl	Cl	NH-acetyl
	amino acid	acyl	Cl	OH
20	amino acid	acyl	Cl	OMe
	amino acid	acyl	Cl	OEt
	amino acid	acyl	Cl	O-cyclopropyl
	amino acid	acyl	Cl	O-acetyl
	amino acid	acyl	Cl	SH
	amino acid	acyl	Cl	SMe
25	amino acid	acyl	Cl	SEt
	amino acid	acyl	Cl	S-cyclopropyl
	amino acid	acyl	Cl	F
	amino acid	acyl	Cl	Cl
	amino acid	acyl	Cl	Br
	amino acid	acyl	Cl	I
30	acyl	H	F	OH
	acyl	H	F	OH
	acyl	H	F	NH ₂
	acyl	H	F	NH-cyclopropyl
	acyl	H	F	NH-methyl
	acyl	H	F	NH-ethyl
	acyl	H	F	NH-acetyl
35	acyl	H	F	OH
	acyl	H	F	OH
	acyl	H	F	OMe
	acyl	H	F	OEt
	acyl	H	F	O-cyclopropyl
	acyl	H	F	O-acetyl
	acyl	H	F	SH
	acyl	H	F	SMe
40	acyl	H	F	SEt
	acyl	H	F	S-cyclopropyl
	acyl	H	F	F
	acyl	H	F	Cl
	acyl	H	F	Br
	acyl	H	F	I
45	acyl	acyl	F	OH
	acyl	acyl	F	OH
	acyl	acyl	F	NH ₂
	acyl	acyl	F	NH-cyclopropyl
	acyl	acyl	F	NH-methyl
	acyl	acyl	F	NH-ethyl
	acyl	acyl	F	NH-acetyl
50	acyl	acyl	F	OH
	acyl	acyl	F	OH
	acyl	acyl	F	OMe
	acyl	acyl	F	OEt
	acyl	acyl	F	O-cyclopropyl
	acyl	acyl	F	O-acetyl
	acyl	acyl	F	SH
55	acyl	acyl	F	SMe
	acyl	acyl	F	SEt
	acyl	acyl	F	S-cyclopropyl
	acyl	acyl	F	F
	acyl	acyl	F	Cl
	acyl	acyl	F	Br
60	acyl	acyl	F	I
	acyl	amino acid	F	OH
	acyl	amino acid	F	OH
	acyl	amino acid	F	NH ₂
	acyl	amino acid	F	NH-cyclopropyl
	acyl	amino acid	F	NH-methyl
	acyl	amino acid	F	NH-ethyl
	acyl	amino acid	F	NH-acetyl
65	acyl	amino acid	F	OH
	acyl	amino acid	F	OH
	acyl	amino acid	F	OMe

TABLE 13-continued

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TABLE 13-continued

R ²	R ³	X ¹	X ²	Y
acyl	amino acid	NH ₂	OH	O-acetyl
acyl	amino acid	NH ₂	OH	SH
acyl	amino acid	NH ₂	OH	SMe
acyl	amino acid	NH ₂	OH	SEt
acyl	amino acid	NH ₂	OH	S-cyclopropyl
acyl	amino acid	NH ₂	OH	F
acyl	amino acid	NH ₂	OH	Cl
acyl	amino acid	NH ₂	OH	Br
acyl	amino acid	NH ₂	OH	I
H	acyl	NH ₂	OH	H
H	acyl	NH ₂	OH	NH ₂
H	acyl	NH ₂	OH	NH-cyclopropyl
H	acyl	NH ₂	OH	NH-methyl
H	acyl	NH ₂	OH	NH-ethyl
H	acyl	NH ₂	OH	NH-acetyl
H	acyl	NH ₂	OH	OH
H	acyl	NH ₂	OH	OMe
H	acyl	NH ₂	OH	OEt
H	acyl	NH ₂	OH	O-cyclopropyl
H	acyl	NH ₂	OH	O-acetyl
H	acyl	NH ₂	OH	SH
H	acyl	NH ₂	OH	SMe
H	acyl	NH ₂	OH	SEt
H	acyl	NH ₂	OH	S-cyclopropyl
H	acyl	NH ₂	OH	F
H	acyl	NH ₂	OH	Cl
H	acyl	NH ₂	OH	Br
H	acyl	NH ₂	OH	I
H	amino acid	NH ₂	OH	H
H	amino acid	NH ₂	OH	NH ₂
H	amino acid	NH ₂	OH	NH-cyclopropyl
H	amino acid	NH ₂	OH	NH-methyl
H	amino acid	NH ₂	OH	NH-ethyl
H	amino acid	NH ₂	OH	NH-acetyl
H	amino acid	NH ₂	OH	OH
H	amino acid	NH ₂	OH	OMe
H	amino acid	NH ₂	OH	OEt
H	amino acid	NH ₂	OH	O-cyclopropyl
H	amino acid	NH ₂	OH	O-acetyl
H	amino acid	NH ₂	OH	SH
H	amino acid	NH ₂	OH	SMe
H	amino acid	NH ₂	OH	SEt
H	amino acid	NH ₂	OH	S-cyclopropyl
H	amino acid	NH ₂	OH	F
H	amino acid	NH ₂	OH	Cl
H	amino acid	NH ₂	OH	Br
H	amino acid	NH ₂	OH	I
amino acid	amino acid	NH ₂	OH	H
amino acid	amino acid	NH ₂	OH	NH ₂
amino acid	amino acid	NH ₂	OH	NH-cyclopropyl
amino acid	amino acid	NH ₂	OH	NH-methyl
amino acid	amino acid	NH ₂	OH	NH-ethyl
amino acid	amino acid	NH ₂	OH	NH-acetyl
amino acid	amino acid	NH ₂	OH	OH
amino acid	amino acid	NH ₂	OH	OMe
amino acid	amino acid	NH ₂	OH	OEt
amino acid	amino acid	NH ₂	OH	O-cyclopropyl
amino acid	amino acid	NH ₂	OH	O-acetyl
amino acid	amino acid	NH ₂	OH	SH
amino acid	amino acid	NH ₂	OH	SMe
amino acid	amino acid	NH ₂	OH	SEt
amino acid	amino acid	NH ₂	OH	S-cyclopropyl
amino acid	amino acid	NH ₂	OH	F
amino acid	amino acid	NH ₂	OH	Cl
amino acid	amino acid	NH ₂	OH	Br
amino acid	amino acid	NH ₂	OH	I
amino acid	amino acid	NH ₂	OH	H
amino acid	amino acid	NH ₂	OH	NH ₂
amino acid	amino acid	NH ₂	OH	NH-cyclopropyl
amino acid	amino acid	NH ₂	OH	NH-methyl
amino acid	amino acid	NH ₂	OH	NH-ethyl
amino acid	amino acid	NH ₂	OH	NH-acetyl
amino acid	amino acid	NH ₂	OH	OH
amino acid	amino acid	NH ₂	OH	OMe
amino acid	amino acid	NH ₂	OH	OEt
amino acid	amino acid	NH ₂	OH	O-cyclopropyl
amino acid	amino acid	NH ₂	OH	O-acetyl
amino acid	amino acid	NH ₂	OH	SH
amino acid	amino acid	NH ₂	OH	SMe
amino acid	amino acid	NH ₂	OH	SEt
amino acid	amino acid	NH ₂	OH	S-cyclopropyl
amino acid	amino acid	NH ₂	OH	F
amino acid	amino acid	NH ₂	OH	Cl
amino acid	amino acid	NH ₂	OH	Br
amino acid	amino acid	NH ₂	OH	I
amino acid	amino acid	NH ₂	OH	H
amino acid	amino acid	NH ₂	OH	NH ₂
amino acid	amino acid	NH ₂	OH	NH-cyclopropyl
amino acid	amino acid	NH ₂	OH	NH-methyl
amino acid	amino acid	NH ₂	OH	NH-ethyl
amino acid	amino acid	NH ₂	OH	NH-acetyl
amino acid	amino acid	NH ₂	OH	OH
amino acid	amino acid	NH ₂	OH	OMe
amino acid	amino acid	NH ₂	OH	OEt
amino acid	amino acid	NH ₂	OH	O-cyclopropyl
amino acid	amino acid	NH ₂	OH	O-acetyl
amino acid	amino acid	NH ₂	OH	SH

TABLE 13-continued

R ²	R ³	X ¹	X ²	Y	
5	amino acid	H	NH ₂	OH	SH
	amino acid	H	NH ₂	OH	SMe
	amino acid	H	NH ₂	OH	SEt
	amino acid	H	NH ₂	OH	S-cyclopropyl
	amino acid	H	NH ₂	OH	F
	amino acid	H	NH ₂	OH	Cl
10	amino acid	H	NH ₂	OH	Br
	amino acid	H	NH ₂	OH	I
	amino acid	acyl	NH ₂	OH	H
	amino acid	acyl	NH ₂	OH	NH ₂
	amino acid	acyl	NH ₂	OH	NH-cyclopropyl
	amino acid	acyl	NH ₂	OH	NH-methyl
15	amino acid	acyl	NH ₂	OH	NH-ethyl
	amino acid	acyl	NH ₂	OH	NH-acetyl
	amino acid	acyl	NH ₂	OH	OH
	amino acid	acyl	NH ₂	OH	OMe
	amino acid	acyl	NH ₂	OH	OEt
	amino acid	acyl	NH ₂	OH	O-cyclopropyl
20	amino acid	acyl	NH ₂	OH	O-acetyl
	amino acid	acyl	NH ₂	OH	SH
	amino acid	acyl	NH ₂	OH	SMe
	amino acid	acyl	NH ₂	OH	SEt
	amino acid	acyl	NH ₂	OH	S-cyclopropyl
	amino acid	acyl	NH ₂	OH	F
25	amino acid	acyl	NH ₂	OH	Cl
	amino acid	acyl	NH ₂	OH	Br
	amino acid	acyl	NH ₂	OH	I
	acyl	H	SH	OH	H
	acyl	H	SH	OH	NH ₂
	acyl	H	SH	OH	NH-cyclopropyl
30	acyl	H	SH	OH	NH-methyl
	acyl	H	SH	OH	NH-ethyl
	acyl	H	SH	OH	NH-acetyl
	acyl	H	SH	OH	OH
	acyl	H	SH	OH	OMe
	acyl	H	SH	OH	OEt
35	acyl	H	SH	OH	O-cyclopropyl
	acyl	H	SH	OH	O-acetyl
	acyl	H	SH	OH	SH
	acyl	H	SH	OH	SMe
	acyl	H	SH	OH	SEt
	acyl	H	SH	OH	S-cyclopropyl
40	acyl	H	SH	OH	F
	acyl	H	SH	OH	Cl
	acyl	H	SH	OH	Br
	acyl	H	SH	OH	I
	acyl	acyl	SH	OH	H
	acyl	acyl	SH	OH	NH ₂
45	acyl	acyl	SH	OH	NH-cyclopropyl
	acyl	acyl	SH	OH	NH-methyl
	acyl	acyl	SH	OH	NH-ethyl
	acyl	acyl	SH	OH	NH-acetyl
	acyl	acyl	SH	OH	OH
	acyl	acyl	SH	OH	OMe
50	acyl	acyl	SH	OH	OEt
	acyl	acyl	SH	OH	O-cyclopropyl
	acyl	acyl	SH	OH	O-acetyl
	acyl	acyl	SH	OH	SH
	acyl	acyl	SH	OH	SMe
	acyl	acyl	SH	OH	SEt
55	acyl	acyl	SH	OH	S-cyclopropyl
	acyl	acyl	SH	OH	F
	acyl	acyl	SH	OH	Cl
	acyl	acyl	SH	OH	Br
	acyl	acyl	SH	OH	I
	acyl	acyl	SH	OH	H
60	acyl	amino acid	SH	OH	NH ₂
	acyl	amino acid	SH	OH	NH-cyclopropyl
	acyl	amino acid	SH	OH	NH-methyl
	acyl	amino acid	SH	OH	NH-ethyl
	acyl	amino acid	SH	OH	NH-acetyl
	acyl	amino acid	SH	OH	OH
65	acyl	amino acid	SH	OH	OMe
	acyl	amino acid	SH	OH	OEt
	acyl	amino acid	SH	OH	O-cyclopropyl
	acyl	amino acid	SH	OH	O-acetyl
	acyl	amino acid	SH	OH	SH

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TABLE 13-continued

R ²	R ³	X ¹	X ²	Y
acyl	amino acid	SH	OH	SMe
acyl	amino acid	SH	OH	SEt
acyl	amino acid	SH	OH	S-cyclopropyl
acyl	amino acid	SH	OH	F
acyl	amino acid	SH	OH	Cl
acyl	amino acid	SH	OH	Br
acyl	amino acid	SH	OH	I
H	acyl	SH	OH	H
H	acyl	SH	OH	NH ₂
H	acyl	SH	OH	NH-cyclopropyl
H	acyl	SH	OH	NH-methyl
H	acyl	SH	OH	NH-ethyl
H	acyl	SH	OH	NH-acetyl
H	acyl	SH	OH	OMe
H	acyl	SH	OH	OEt
H	acyl	SH	OH	O-cyclopropyl
H	acyl	SH	OH	O-acetyl
H	acyl	SH	OH	SH
H	acyl	SH	OH	SMe
H	acyl	SH	OH	SEt
H	acyl	SH	OH	S-cyclopropyl
H	acyl	SH	OH	F
H	acyl	SH	OH	Cl
H	acyl	SH	OH	Br
H	acyl	SH	OH	I
H	amino acid	SH	OH	H
H	amino acid	SH	OH	NH ₂
H	amino acid	SH	OH	NH-cyclopropyl
H	amino acid	SH	OH	NH-methyl
H	amino acid	SH	OH	NH-ethyl
H	amino acid	SH	OH	NH-acetyl
H	amino acid	SH	OH	OMe
H	amino acid	SH	OH	OEt
H	amino acid	SH	OH	O-cyclopropyl
H	amino acid	SH	OH	O-acetyl
H	amino acid	SH	OH	SH
H	amino acid	SH	OH	SMe
H	amino acid	SH	OH	SEt
H	amino acid	SH	OH	S-cyclopropyl
H	amino acid	SH	OH	F
H	amino acid	SH	OH	Cl
H	amino acid	SH	OH	Br
H	amino acid	SH	OH	I
amino acid	amino acid	SH	OH	H
amino acid	amino acid	SH	OH	NH ₂
amino acid	amino acid	SH	OH	NH-cyclopropyl
amino acid	amino acid	SH	OH	NH-methyl
amino acid	amino acid	SH	OH	NH-ethyl
amino acid	amino acid	SH	OH	NH-acetyl
amino acid	amino acid	SH	OH	OMe
amino acid	amino acid	SH	OH	OEt
amino acid	amino acid	SH	OH	O-cyclopropyl
amino acid	amino acid	SH	OH	O-acetyl
amino acid	amino acid	SH	OH	SH
amino acid	amino acid	SH	OH	SMe
amino acid	amino acid	SH	OH	SEt
amino acid	amino acid	SH	OH	S-cyclopropyl
amino acid	amino acid	SH	OH	F
amino acid	amino acid	SH	OH	Cl
amino acid	amino acid	SH	OH	Br
amino acid	amino acid	SH	OH	I
amino acid	H	SH	OH	H
amino acid	H	SH	OH	NH ₂
amino acid	H	SH	OH	NH-cyclopropyl
amino acid	H	SH	OH	NH-methyl
amino acid	H	SH	OH	NH-ethyl
amino acid	H	SH	OH	NH-acetyl
amino acid	H	SH	OH	OMe
amino acid	H	SH	OH	OEt
amino acid	H	SH	OH	O-cyclopropyl
amino acid	H	SH	OH	O-acetyl
amino acid	H	SH	OH	SH
amino acid	H	SH	OH	SMe
amino acid	H	SH	OH	SEt

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TABLE 13-continued

R ²	R ³	X ¹	X ²	Y	
5	amino acid	H	SH	OH	SEt
	amino acid	H	SH	OH	S-cyclopropyl
	amino acid	H	SH	OH	F
	amino acid	H	SH	OH	Cl
	amino acid	H	SH	OH	Br
	amino acid	H	SH	OH	I
10	amino acid	acyl	SH	OH	H
	amino acid	acyl	SH	OH	NH ₂
	amino acid	acyl	SH	OH	NH-cyclopropyl
	amino acid	acyl	SH	OH	NH-methyl
	amino acid	acyl	SH	OH	NH-ethyl
	amino acid	acyl	SH	OH	NH-acetyl
15	amino acid	acyl	SH	OH	OH
	amino acid	acyl	SH	OH	OMe
	amino acid	acyl	SH	OH	OEt
	amino acid	acyl	SH	OH	O-cyclopropyl
	amino acid	acyl	SH	OH	O-acetyl
	amino acid	acyl	SH	OH	SH
20	amino acid	acyl	SH	OH	SMe
	amino acid	acyl	SH	OH	SEt
	amino acid	acyl	SH	OH	S-cyclopropyl
	amino acid	acyl	SH	OH	F
	amino acid	acyl	SH	OH	Cl
	amino acid	acyl	SH	OH	Br
25	amino acid	acyl	SH	OH	I
	acyl	H	OH	OH	H
	acyl	H	OH	OH	NH ₂
	acyl	H	OH	OH	NH-cyclopropyl
	acyl	H	OH	OH	NH-methyl
	acyl	H	OH	OH	NH-ethyl
30	acyl	H	OH	OH	NH-acetyl
	acyl	H	OH	OH	OH
	acyl	H	OH	OH	OMe
	acyl	H	OH	OH	OEt
	acyl	H	OH	OH	O-cyclopropyl
	acyl	H	OH	OH	O-acetyl
35	acyl	H	OH	OH	SH
	acyl	H	OH	OH	SMe
	acyl	H	OH	OH	SEt
	acyl	H	OH	OH	S-cyclopropyl
	acyl	H	OH	OH	F
	acyl	H	OH	OH	Cl
40	acyl	H	OH	OH	Br
	acyl	H	OH	OH	I
	acyl	acyl	OH	OH	H
	acyl	acyl	OH	OH	NH ₂
	acyl	acyl	OH	OH	NH-cyclopropyl
	acyl	acyl	OH	OH	NH-methyl
45	acyl	acyl	OH	OH	NH-ethyl
	acyl	acyl	OH	OH	NH-acetyl
	acyl	acyl	OH	OH	OH
	acyl	acyl	OH	OH	OMe
	acyl	acyl	OH	OH	OEt
	acyl	acyl	OH	OH	O-cyclopropyl
50	acyl	acyl	OH	OH	O-acetyl
	acyl	acyl	OH	OH	SH
	acyl	acyl	OH	OH	SMe
	acyl	acyl	OH	OH	SEt
	acyl	acyl	OH	OH	S-cyclopropyl
	acyl	acyl	OH	OH	F
55	acyl	acyl	OH	OH	Cl
	acyl	acyl	OH	OH	Br
	acyl	acyl	OH	OH	I
	acyl	amino acid	OH	OH	H
	acyl	amino acid	OH	OH	NH ₂
	acyl	amino acid	OH	OH	NH-cyclopropyl
60	acyl	amino acid	OH	OH	NH-methyl
	acyl	amino acid	OH	OH	NH-ethyl
	acyl	amino acid	OH	OH	NH-acetyl
	acyl	amino acid	OH	OH	OH
	acyl	amino acid	OH	OH	OMe
	acyl	amino acid	OH	OH	OEt
65	acyl	amino acid	OH	OH	O-cyclopropyl
	acyl	amino acid	OH	OH	O-acetyl
	acyl	amino acid	OH	OH	SH
	acyl	amino acid	OH	OH	SMe
	acyl	amino acid	OH	OH	SEt

TABLE 13-continued

R ²	R ³	X ¹	X ²	Y
acyl	amino acid	OH	OH	S-cyclopropyl
acyl	amino acid	OH	OH	F
acyl	amino acid	OH	OH	Cl
acyl	amino acid	OH	OH	Br
acyl	amino acid	OH	OH	I
H	acyl	OH	OH	H
H	acyl	OH	OH	NH ₂
H	acyl	OH	OH	NH-cyclopropyl
H	acyl	OH	OH	NH-methyl
H	acyl	OH	OH	NH-ethyl
H	acyl	OH	OH	NH-acetyl
H	acyl	OH	OH	OH
H	acyl	OH	OH	OMe
H	acyl	OH	OH	OEt
H	acyl	OH	OH	O-cyclopropyl
H	acyl	OH	OH	O-acetyl
H	acyl	OH	OH	SH
H	acyl	OH	OH	SMe
H	acyl	OH	OH	SEt
H	acyl	OH	OH	S-cyclopropyl
H	acyl	OH	OH	F
H	acyl	OH	OH	Cl
H	acyl	OH	OH	Br
H	acyl	OH	OH	I
H	amino acid	OH	OH	H
H	amino acid	OH	OH	NH ₂
H	amino acid	OH	OH	NH-cyclopropyl
H	amino acid	OH	OH	NH-methyl
H	amino acid	OH	OH	NH-ethyl
H	amino acid	OH	OH	NH-acetyl
H	amino acid	OH	OH	OH
H	amino acid	OH	OH	OMe
H	amino acid	OH	OH	OEt
H	amino acid	OH	OH	O-cyclopropyl
H	amino acid	OH	OH	O-acetyl
H	amino acid	OH	OH	SH
H	amino acid	OH	OH	SMe
H	amino acid	OH	OH	SEt
H	amino acid	OH	OH	S-cyclopropyl
H	amino acid	OH	OH	F
H	amino acid	OH	OH	Cl
H	amino acid	OH	OH	Br
H	amino acid	OH	OH	I
amino acid	amino acid	OH	OH	H
amino acid	amino acid	OH	OH	NH ₂
amino acid	amino acid	OH	OH	NH-cyclopropyl
amino acid	amino acid	OH	OH	NH-methyl
amino acid	amino acid	OH	OH	NH-ethyl
amino acid	amino acid	OH	OH	NH-acetyl
amino acid	amino acid	OH	OH	OH
amino acid	amino acid	OH	OH	OMe
amino acid	amino acid	OH	OH	OEt
amino acid	amino acid	OH	OH	O-cyclopropyl
amino acid	amino acid	OH	OH	O-acetyl
amino acid	amino acid	OH	OH	SH
amino acid	amino acid	OH	OH	SMe
amino acid	amino acid	OH	OH	SEt
amino acid	amino acid	OH	OH	S-cyclopropyl
amino acid	amino acid	OH	OH	F
amino acid	amino acid	OH	OH	Cl
amino acid	amino acid	OH	OH	Br
amino acid	amino acid	OH	OH	I
amino acid	H	OH	OH	H
amino acid	H	OH	OH	NH ₂
amino acid	H	OH	OH	NH-cyclopropyl
amino acid	H	OH	OH	NH-methyl
amino acid	H	OH	OH	NH-ethyl
amino acid	H	OH	OH	NH-acetyl
amino acid	H	OH	OH	OH
amino acid	H	OH	OH	OMe
amino acid	H	OH	OH	OEt
amino acid	H	OH	OH	O-cyclopropyl
amino acid	H	OH	OH	O-acetyl
amino acid	H	OH	OH	SH
amino acid	H	OH	OH	SMe
amino acid	H	OH	OH	SEt
amino acid	H	OH	OH	S-cyclopropyl
amino acid	H	OH	OH	F
amino acid	H	OH	OH	Cl
amino acid	H	OH	OH	Br
amino acid	H	OH	OH	I

TABLE 13-continued

R ²	R ³	X ¹	X ²	Y
5	amino acid	H	OH	F
	amino acid	H	OH	Cl
	amino acid	H	OH	Br
	amino acid	H	OH	I
	amino acid	acyl	OH	H
	amino acid	acyl	OH	NH ₂
10	amino acid	acyl	OH	NH-cyclopropyl
	amino acid	acyl	OH	NH-methyl
	amino acid	acyl	OH	NH-ethyl
	amino acid	acyl	OH	NH-acetyl
	amino acid	acyl	OH	OH
	amino acid	acyl	OH	OMe
15	amino acid	acyl	OH	OEt
	amino acid	acyl	OH	O-cyclopropyl
	amino acid	acyl	OH	O-acetyl
	amino acid	acyl	OH	SH
	amino acid	acyl	OH	SMe
	amino acid	acyl	OH	SEt
20	amino acid	acyl	OH	S-cyclopropyl
	amino acid	acyl	OH	F
	amino acid	acyl	OH	Cl
	amino acid	acyl	OH	Br
	amino acid	acyl	OH	I
	acyl	H	CH ₃	H
	acyl	H	CH ₃	NH ₂
25	acyl	H	CH ₃	NH-cyclopropyl
	acyl	H	CH ₃	NH-methyl
	acyl	H	CH ₃	NH-ethyl
	acyl	H	CH ₃	NH-acetyl
	acyl	H	CH ₃	OH
	acyl	H	CH ₃	OMe
30	acyl	H	CH ₃	OEt
	acyl	H	CH ₃	O-cyclopropyl
	acyl	H	CH ₃	O-acetyl
	acyl	H	CH ₃	SH
	acyl	H	CH ₃	SMe
	acyl	H	CH ₃	SEt
35	acyl	H	CH ₃	S-cyclopropyl
	acyl	H	CH ₃	F
	acyl	H	CH ₃	Cl
	acyl	H	CH ₃	Br
	acyl	H	CH ₃	I
	acyl	acyl	CH ₃	H
	acyl	acyl	CH ₃	NH ₂
40	acyl	acyl	CH ₃	NH-cyclopropyl
	acyl	acyl	CH ₃	NH-methyl
	acyl	acyl	CH ₃	NH-ethyl
	acyl	acyl	CH ₃	NH-acetyl
	acyl	acyl	CH ₃	OH
	acyl	acyl	CH ₃	OMe
45	acyl	acyl	CH ₃	OEt
	acyl	acyl	CH ₃	O-cyclopropyl
	acyl	acyl	CH ₃	O-acetyl
	acyl	acyl	CH ₃	SH
	acyl	acyl	CH ₃	SMe
	acyl	acyl	CH ₃	SEt
50	acyl	acyl	CH ₃	S-cyclopropyl
	acyl	acyl	CH ₃	F
	acyl	acyl	CH ₃	Cl
	acyl	acyl	CH ₃	Br
	acyl	acyl	CH ₃	I
	acyl	amino acid	CH ₃	H
55	acyl	amino acid	CH ₃	NH ₂
	acyl	amino acid	CH ₃	NH-cyclopropyl
	acyl	amino acid	CH ₃	NH-methyl
	acyl	amino acid	CH ₃	NH-ethyl
	acyl	amino acid	CH ₃	NH-acetyl
	acyl	amino acid	CH ₃	OH
	acyl	amino acid	CH ₃	OMe
60	acyl	amino acid	CH ₃	OEt
	acyl	amino acid	CH ₃	O-cyclopropyl
	acyl	amino acid	CH ₃	O-acetyl
	acyl	amino acid	CH ₃	SH
	acyl	amino acid	CH ₃	SMe
	acyl	amino acid	CH ₃	SEt
65	acyl	amino acid	CH ₃	S-cyclopropyl
	acyl	amino acid	CH ₃	F

TABLE 13-continued

R ²	R ³	X ¹	X ²	Y
acyl	amino acid	CH ₃	H	Cl
acyl	amino acid	CH ₃	H	Br
acyl	amino acid	CH ₃	H	I
H	acyl	CH ₃	H	H
H	acyl	CH ₃	H	NH ₂
H	acyl	CH ₃	H	NH-cyclopropyl
H	acyl	CH ₃	H	NH-methyl
H	acyl	CH ₃	H	NH-ethyl
H	acyl	CH ₃	H	NH-acetyl
H	acyl	CH ₃	H	OH
H	acyl	CH ₃	H	OMe
H	acyl	CH ₃	H	OEt
H	acyl	CH ₃	H	O-cyclopropyl
H	acyl	CH ₃	H	O-acetyl
H	acyl	CH ₃	H	SH
H	acyl	CH ₃	H	SMe
H	acyl	CH ₃	H	SEt
H	acyl	CH ₃	H	S-cyclopropyl
H	acyl	CH ₃	H	F
H	acyl	CH ₃	H	Cl
H	acyl	CH ₃	H	Br
H	acyl	CH ₃	H	I
H	acyl	CH ₃	H	H
H	amino acid	CH ₃	H	H
H	amino acid	CH ₃	H	NH ₂
H	amino acid	CH ₃	H	NH-cyclopropyl
H	amino acid	CH ₃	H	NH-methyl
H	amino acid	CH ₃	H	NH-ethyl
H	amino acid	CH ₃	H	NH-acetyl
H	amino acid	CH ₃	H	OH
H	amino acid	CH ₃	H	OMe
H	amino acid	CH ₃	H	OEt
H	amino acid	CH ₃	H	O-cyclopropyl
H	amino acid	CH ₃	H	O-acetyl
H	amino acid	CH ₃	H	SH
H	amino acid	CH ₃	H	SMe
H	amino acid	CH ₃	H	SEt
H	amino acid	CH ₃	H	S-cyclopropyl
H	amino acid	CH ₃	H	F
H	amino acid	CH ₃	H	Cl
H	amino acid	CH ₃	H	Br
H	amino acid	CH ₃	H	I
H	amino acid	CH ₃	H	H
amino acid	amino acid	CH ₃	H	NH ₂
amino acid	amino acid	CH ₃	H	NH-cyclopropyl
amino acid	amino acid	CH ₃	H	NH-methyl
amino acid	amino acid	CH ₃	H	NH-ethyl
amino acid	amino acid	CH ₃	H	NH-acetyl
amino acid	amino acid	CH ₃	H	OH
amino acid	amino acid	CH ₃	H	OMe
amino acid	amino acid	CH ₃	H	OEt
amino acid	amino acid	CH ₃	H	O-cyclopropyl
amino acid	amino acid	CH ₃	H	O-acetyl
amino acid	amino acid	CH ₃	H	SH
amino acid	amino acid	CH ₃	H	SMe
amino acid	amino acid	CH ₃	H	SEt
amino acid	amino acid	CH ₃	H	S-cyclopropyl
amino acid	amino acid	CH ₃	H	F
amino acid	amino acid	CH ₃	H	Cl
amino acid	amino acid	CH ₃	H	Br
amino acid	amino acid	CH ₃	H	I
amino acid	amino acid	CH ₃	H	H
amino acid	H	CH ₃	H	NH ₂
amino acid	H	CH ₃	H	NH-cyclopropyl
amino acid	H	CH ₃	H	NH-methyl
amino acid	H	CH ₃	H	NH-ethyl
amino acid	H	CH ₃	H	NH-acetyl
amino acid	H	CH ₃	H	OH
amino acid	H	CH ₃	H	OMe
amino acid	H	CH ₃	H	OEt
amino acid	H	CH ₃	H	O-cyclopropyl
amino acid	H	CH ₃	H	O-acetyl
amino acid	H	CH ₃	H	SH
amino acid	H	CH ₃	H	SMe
amino acid	H	CH ₃	H	SEt
amino acid	H	CH ₃	H	S-cyclopropyl
amino acid	H	CH ₃	H	F
amino acid	H	CH ₃	H	Cl
amino acid	H	CH ₃	H	Br
amino acid	H	CH ₃	H	I

TABLE 13-continued

R ²	R ³	X ¹	X ²	Y
5	amino acid	H	CH ₃	H
	amino acid	H	CH ₃	H
	amino acid	acyl	CH ₃	H
	amino acid	acyl	CH ₃	H
	amino acid	acyl	CH ₃	H
	amino acid	acyl	CH ₃	H
10	amino acid	acyl	CH ₃	H
	amino acid	acyl	CH ₃	H
	amino acid	acyl	CH ₃	H
	amino acid	acyl	CH ₃	H
	amino acid	acyl	CH ₃	H
	amino acid	acyl	CH ₃	H
	amino acid	acyl	CH ₃	H
	amino acid	acyl	CH ₃	H
	amino acid	acyl	CH ₃	H
	amino acid	acyl	CH ₃	H
15	amino acid	acyl	CH ₃	H
	amino acid	acyl	CH ₃	H
	amino acid	acyl	CH ₃	H
	amino acid	acyl	CH ₃	H
	amino acid	acyl	CH ₃	H
	amino acid	acyl	CH ₃	H
	amino acid	acyl	CH ₃	H
	amino acid	acyl	CH ₃	H
	amino acid	acyl	CH ₃	H
20	amino acid	acyl	CH ₃	H
	amino acid	acyl	CH ₃	H
	acyl	H	CF ₃	H
	acyl	H	CF ₃	H
	acyl	H	CF ₃	H
	acyl	H	CF ₃	H
25	acyl	H	CF ₃	H
	acyl	H	CF ₃	H
	acyl	H	CF ₃	H
	acyl	H	CF ₃	H
	acyl	H	CF ₃	H
	acyl	H	CF ₃	H
	acyl	H	CF ₃	H
	acyl	H	CF ₃	H
	acyl	H	CF ₃	H
30	acyl	H	CF ₃	H
	acyl	H	CF ₃	H
	acyl	H	CF ₃	H
	acyl	H	CF ₃	H
	acyl	H	CF ₃	H
	acyl	H	CF ₃	H
	acyl	H	CF ₃	H
	acyl	H	CF ₃	H
	acyl	H	CF ₃	H
35	acyl	H	CF ₃	H
	acyl	H	CF ₃	H
	acyl	H	CF ₃	H
	acyl	H	CF ₃	H
	acyl	H	CF ₃	H
	acyl	H	CF ₃	H
	acyl	H	CF ₃	H
	acyl	H	CF ₃	H
	acyl	H	CF ₃	H
40	acyl	acyl	CF ₃	H
	acyl	acyl	CF ₃	H
	acyl	acyl	CF ₃	H
	acyl	acyl	CF ₃	H
	acyl	acyl	CF ₃	H
	acyl	acyl	CF ₃	H
	acyl	acyl	CF ₃	H
	acyl	acyl	CF ₃	H
	acyl	acyl	CF ₃	H
45	acyl	acyl	CF ₃	H
	acyl	acyl	CF ₃	H
	acyl	acyl	CF ₃	H
	acyl	acyl	CF ₃	H
	acyl	acyl	CF ₃	H
	acyl	acyl	CF ₃	H
	acyl	acyl	CF ₃	H
	acyl	acyl	CF ₃	H
	acyl	acyl	CF ₃	H
50	acyl	acyl	CF ₃	H
	acyl	acyl	CF ₃	H
	acyl	acyl	CF ₃	H
	acyl	acyl	CF ₃	H
	acyl	acyl	CF ₃	H
	acyl	acyl	CF ₃	H
	acyl	acyl	CF ₃	H
	acyl	acyl	CF ₃	H
	acyl	acyl	CF ₃	H
55	acyl	amino acid	CF ₃	H
	acyl	amino acid	CF ₃	H
	acyl	amino acid	CF ₃	H
	acyl	amino acid	CF ₃	H
	acyl	amino acid	CF ₃	H
	acyl	amino acid	CF ₃	H
	acyl	amino acid	CF ₃	H
	acyl	amino acid	CF ₃	H
	acyl	amino acid	CF ₃	H
60	acyl	amino acid	CF ₃	H
	acyl	amino acid	CF ₃	H
	acyl	amino acid	CF ₃	H
	acyl	amino acid	CF ₃	H
	acyl	amino acid	CF ₃	H
	acyl	amino acid	CF ₃	H
	acyl	amino acid	CF ₃	H
	acyl	amino acid	CF ₃	H
	acyl	amino acid	CF ₃	H
65	acyl	amino acid	CF ₃	H
	acyl	amino acid	CF ₃	H

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TABLE 13-continued

R ²	R ³	X ¹	X ²	Y
acyl	amino acid	CF ₃	H	I
H	acyl	CF ₃	H	H
H	acyl	CF ₃	H	NH ₂
H	acyl	CF ₃	H	NH-cyclopropyl
H	acyl	CF ₃	H	NH-methyl
H	acyl	CF ₃	H	NH-ethyl
H	acyl	CF ₃	H	NH-acetyl
H	acyl	CF ₃	H	OH
H	acyl	CF ₃	H	OMe
H	acyl	CF ₃	H	OEt
H	acyl	CF ₃	H	O-cyclopropyl
H	acyl	CF ₃	H	O-acetyl
H	acyl	CF ₃	H	SH
H	acyl	CF ₃	H	SMe
H	acyl	CF ₃	H	SEt
H	acyl	CF ₃	H	S-cyclopropyl
H	acyl	CF ₃	H	F
H	acyl	CF ₃	H	Cl
H	acyl	CF ₃	H	Br
H	acyl	CF ₃	H	I
H	amino acid	CF ₃	H	H
H	amino acid	CF ₃	H	NH ₂
H	amino acid	CF ₃	H	NH-cyclopropyl
H	amino acid	CF ₃	H	NH-methyl
H	amino acid	CF ₃	H	NH-ethyl
H	amino acid	CF ₃	H	NH-acetyl
H	amino acid	CF ₃	H	OH
H	amino acid	CF ₃	H	OMe
H	amino acid	CF ₃	H	OEt
H	amino acid	CF ₃	H	O-cyclopropyl
H	amino acid	CF ₃	H	O-acetyl
H	amino acid	CF ₃	H	SH
H	amino acid	CF ₃	H	SMe
H	amino acid	CF ₃	H	SEt
H	amino acid	CF ₃	H	S-cyclopropyl
H	amino acid	CF ₃	H	F
H	amino acid	CF ₃	H	Cl
H	amino acid	CF ₃	H	Br
H	amino acid	CF ₃	H	I
amino acid	amino acid	CF ₃	H	H
amino acid	amino acid	CF ₃	H	NH ₂
amino acid	amino acid	CF ₃	H	NH-cyclopropyl
amino acid	amino acid	CF ₃	H	NH-methyl
amino acid	amino acid	CF ₃	H	NH-ethyl
amino acid	amino acid	CF ₃	H	NH-acetyl
amino acid	amino acid	CF ₃	H	OH
amino acid	amino acid	CF ₃	H	OMe
amino acid	amino acid	CF ₃	H	OEt
amino acid	amino acid	CF ₃	H	O-cyclopropyl
amino acid	amino acid	CF ₃	H	O-acetyl
amino acid	amino acid	CF ₃	H	SH
amino acid	amino acid	CF ₃	H	SMe
amino acid	amino acid	CF ₃	H	SEt
amino acid	amino acid	CF ₃	H	S-cyclopropyl
amino acid	amino acid	CF ₃	H	F
amino acid	amino acid	CF ₃	H	Cl
amino acid	amino acid	CF ₃	H	Br
amino acid	amino acid	CF ₃	H	I
amino acid	H	CF ₃	H	H
amino acid	H	CF ₃	H	NH ₂
amino acid	H	CF ₃	H	NH-cyclopropyl
amino acid	H	CF ₃	H	NH-methyl
amino acid	H	CF ₃	H	NH-ethyl
amino acid	H	CF ₃	H	NH-acetyl
amino acid	H	CF ₃	H	OH
amino acid	H	CF ₃	H	OMe
amino acid	H	CF ₃	H	OEt
amino acid	H	CF ₃	H	O-cyclopropyl
amino acid	H	CF ₃	H	O-acetyl
amino acid	H	CF ₃	H	SH
amino acid	H	CF ₃	H	SMe
amino acid	H	CF ₃	H	SEt
amino acid	H	CF ₃	H	S-cyclopropyl
amino acid	H	CF ₃	H	F
amino acid	H	CF ₃	H	Cl
amino acid	H	CF ₃	H	Br
amino acid	H	CF ₃	H	I

TABLE 13-continued

	R ²	R ³	X ¹	X ²	Y
5	amino acid	acyl	CF ₃	H	H
	amino acid	acyl	CF ₃	H	NH ₂
	amino acid	acyl	CF ₃	H	NH-cyclopropyl
	amino acid	acyl	CF ₃	H	NH-methyl
	amino acid	acyl	CF ₃	H	NH-ethyl
	amino acid	acyl	CF ₃	H	NH-acetyl
10	amino acid	acyl	CF ₃	H	OH
	amino acid	acyl	CF ₃	H	OMe
	amino acid	acyl	CF ₃	H	OEt
	amino acid	acyl	CF ₃	H	O-cyclopropyl
	amino acid	acyl	CF ₃	H	O-acetyl
	amino acid	acyl	CF ₃	H	SMe
15	amino acid	acyl	CF ₃	H	SEt
	amino acid	acyl	CF ₃	H	S-cyclopropyl
	amino acid	acyl	CF ₃	H	F
	amino acid	acyl	CF ₃	H	Cl
	amino acid	acyl	CF ₃	H	Br
20	acyl	H	CF ₃	H	I
	acyl	H	Br	H	H
	acyl	H	Br	H	NH ₂
	acyl	H	Br	H	NH-cyclopropyl
	acyl	H	Br	H	NH-methyl
	acyl	H	Br	H	NH-ethyl
	acyl	H	Br	H	NH-acetyl
25	acyl	H	Br	H	OH
	acyl	H	Br	H	OMe
	acyl	H	Br	H	OEt
	acyl	H	Br	H	O-cyclopropyl
	acyl	H	Br	H	O-acetyl
	acyl	H	Br	H	SH
30	acyl	H	Br	H	SMe
	acyl	H	Br	H	SEt
	acyl	H	Br	H	S-cyclopropyl
	acyl	H	Br	H	F
	acyl	H	Br	H	Cl
	acyl	H	Br	H	Br
35	acyl	H	Br	H	I
	acyl	acyl	Br	H	H
	acyl	acyl	Br	H	NH ₂
	acyl	acyl	Br	H	NH-cyclopropyl
	acyl	acyl	Br	H	NH-methyl
	acyl	acyl	Br	H	NH-ethyl
	acyl	acyl	Br	H	NH-acetyl
40	acyl	acyl	Br	H	OH
	acyl	acyl	Br	H	OMe
	acyl	acyl	Br	H	OEt
	acyl	acyl	Br	H	O-cyclopropyl
	acyl	acyl	Br	H	O-acetyl
	acyl	acyl	Br	H	SH
45	acyl	acyl	Br	H	SMe
	acyl	acyl	Br	H	SEt
	acyl	acyl	Br	H	S-cyclopropyl
	acyl	acyl	Br	H	F
	acyl	acyl	Br	H	Cl
	acyl	acyl	Br	H	Br
50	acyl	acyl	Br	H	I
	acyl	amino acid	Br	H	H
	acyl	amino acid	Br	H	NH ₂
	acyl	amino acid	Br	H	NH-cyclopropyl
	acyl	amino acid	Br	H	NH-methyl
	acyl	amino acid	Br	H	NH-ethyl
55	acyl	amino acid	Br	H	NH-acetyl
	acyl	amino acid	Br	H	OH
	acyl	amino acid	Br	H	OMe
	acyl	amino acid	Br	H	OEt
	acyl	amino acid	Br	H	O-cyclopropyl
	acyl	amino acid	Br	H	O-acetyl
	acyl	amino acid	Br	H	SH
60	acyl	amino acid	Br	H	SMe
	acyl	amino acid	Br	H	SEt
	acyl	amino acid	Br	H	S-cyclopropyl
	acyl	amino acid	Br	H	F
	acyl	amino acid	Br	H	Cl
	acyl	amino acid	Br	H	Br
65	acyl	amino acid	Br	H	I
	H	acyl	Br	H	H

TABLE 13-continued

R ²	R ³	X ¹	X ²	Y
H	acyl	Br	H	NH ₂
H	acyl	Br	H	NH-cyclopropyl
H	acyl	Br	H	NH-methyl
H	acyl	Br	H	NH-ethyl
H	acyl	Br	H	NH-acetyl
H	acyl	Br	H	OH
H	acyl	Br	H	OMe
H	acyl	Br	H	OEt
H	acyl	Br	H	O-cyclopropyl
H	acyl	Br	H	O-acetyl
H	acyl	Br	H	SH
H	acyl	Br	H	SMe
H	acyl	Br	H	SEt
H	acyl	Br	H	S-cyclopropyl
H	acyl	Br	H	F
H	acyl	Br	H	Cl
H	acyl	Br	H	Br
H	acyl	Br	H	I
H	amino acid	Br	H	H
H	amino acid	Br	H	NH ₂
H	amino acid	Br	H	NH-cyclopropyl
H	amino acid	Br	H	NH-methyl
H	amino acid	Br	H	NH-ethyl
H	amino acid	Br	H	NH-acetyl
H	amino acid	Br	H	OH
H	amino acid	Br	H	OMe
H	amino acid	Br	H	OEt
H	amino acid	Br	H	O-cyclopropyl
H	amino acid	Br	H	O-acetyl
H	amino acid	Br	H	SH
H	amino acid	Br	H	SMe
H	amino acid	Br	H	SEt
H	amino acid	Br	H	S-cyclopropyl
H	amino acid	Br	H	F
H	amino acid	Br	H	Cl
H	amino acid	Br	H	Br
H	amino acid	Br	H	I
H	amino acid	Br	H	H
amino acid	amino acid	Br	H	H
amino acid	amino acid	Br	H	NH ₂
amino acid	amino acid	Br	H	NH-cyclopropyl
amino acid	amino acid	Br	H	NH-methyl
amino acid	amino acid	Br	H	NH-ethyl
amino acid	amino acid	Br	H	NH-acetyl
amino acid	amino acid	Br	H	OH
amino acid	amino acid	Br	H	OMe
amino acid	amino acid	Br	H	OEt
amino acid	amino acid	Br	H	O-cyclopropyl
amino acid	amino acid	Br	H	O-acetyl
amino acid	amino acid	Br	H	SH
amino acid	amino acid	Br	H	SMe
amino acid	amino acid	Br	H	SEt
amino acid	amino acid	Br	H	S-cyclopropyl
amino acid	amino acid	Br	H	F
amino acid	amino acid	Br	H	Cl
amino acid	amino acid	Br	H	Br
amino acid	amino acid	Br	H	I
amino acid	amino acid	Br	H	H
amino acid	H	Br	H	H
amino acid	H	Br	H	NH ₂
amino acid	H	Br	H	NH-cyclopropyl
amino acid	H	Br	H	NH-methyl
amino acid	H	Br	H	NH-ethyl
amino acid	H	Br	H	NH-acetyl
amino acid	H	Br	H	OH
amino acid	H	Br	H	OMe
amino acid	H	Br	H	OEt
amino acid	H	Br	H	O-cyclopropyl
amino acid	H	Br	H	O-acetyl
amino acid	H	Br	H	SH
amino acid	H	Br	H	SMe
amino acid	H	Br	H	SEt
amino acid	H	Br	H	S-cyclopropyl
amino acid	H	Br	H	F
amino acid	H	Br	H	Cl
amino acid	H	Br	H	Br
amino acid	H	Br	H	I
amino acid	H	Br	H	H
amino acid	acyl	Br	H	H
amino acid	acyl	Br	H	NH ₂

TABLE 13-continued

R ²	R ³	X ¹	X ²	Y	
5	amino acid	acyl	Br	H	NH-cyclopropyl
	amino acid	acyl	Br	H	NH-methyl
	amino acid	acyl	Br	H	NH-ethyl
	amino acid	acyl	Br	H	NH-acetyl
	amino acid	acyl	Br	H	OH
	amino acid	acyl	Br	H	OMe
10	amino acid	acyl	Br	H	OEt
	amino acid	acyl	Br	H	O-cyclopropyl
	amino acid	acyl	Br	H	O-acetyl
	amino acid	acyl	Br	H	SH
	amino acid	acyl	Br	H	SMe
	amino acid	acyl	Br	H	SEt
15	amino acid	acyl	Br	H	S-cyclopropyl
	amino acid	acyl	Br	H	F
	amino acid	acyl	Br	H	Cl
	amino acid	acyl	Br	H	Br
	amino acid	acyl	Br	H	I
	acyl	H	Cl	H	H
20	acyl	H	Cl	H	NH ₂
	acyl	H	Cl	H	NH-cyclopropyl
	acyl	H	Cl	H	NH-methyl
	acyl	H	Cl	H	NH-ethyl
	acyl	H	Cl	H	NH-acetyl
	acyl	H	Cl	H	OH
	acyl	H	Cl	H	OMe
25	acyl	H	Cl	H	OEt
	acyl	H	Cl	H	O-cyclopropyl
	acyl	H	Cl	H	O-acetyl
	acyl	H	Cl	H	SH
	acyl	H	Cl	H	SMe
	acyl	H	Cl	H	SEt
30	acyl	H	Cl	H	S-cyclopropyl
	acyl	H	Cl	H	F
	acyl	H	Cl	H	Cl
	acyl	H	Cl	H	Br
	acyl	H	Cl	H	I
	acyl	H	Cl	H	H
35	acyl	acyl	Cl	H	NH ₂
	acyl	acyl	Cl	H	NH-cyclopropyl
	acyl	acyl	Cl	H	NH-methyl
	acyl	acyl	Cl	H	NH-ethyl
	acyl	acyl	Cl	H	NH-acetyl
	acyl	acyl	Cl	H	OH
	acyl	acyl	Cl	H	OMe
40	acyl	acyl	Cl	H	OEt
	acyl	acyl	Cl	H	O-cyclopropyl
	acyl	acyl	Cl	H	O-acetyl
	acyl	acyl	Cl	H	SH
	acyl	acyl	Cl	H	SMe
	acyl	acyl	Cl	H	SEt
45	acyl	acyl	Cl	H	S-cyclopropyl
	acyl	acyl	Cl	H	F
	acyl	acyl	Cl	H	Cl
	acyl	acyl	Cl	H	Br
	acyl	acyl	Cl	H	I
	acyl	amino acid	Cl	H	H
50	acyl	amino acid	Cl	H	NH ₂
	acyl	amino acid	Cl	H	NH-cyclopropyl
	acyl	amino acid	Cl	H	NH-methyl
	acyl	amino acid	Cl	H	NH-ethyl
	acyl	amino acid	Cl	H	NH-acetyl
	acyl	amino acid	Cl	H	OH
	acyl	amino acid	Cl	H	OMe
55	acyl	amino acid	Cl	H	OEt
	acyl	amino acid	Cl	H	O-cyclopropyl
	acyl	amino acid	Cl	H	O-acetyl
	acyl	amino acid	Cl	H	SH
	acyl	amino acid	Cl	H	SMe
	acyl	amino acid	Cl	H	SEt
60	acyl	amino acid	Cl	H	S-cyclopropyl
	acyl	amino acid	Cl	H	F
	acyl	amino acid	Cl	H	Cl
	acyl	amino acid	Cl	H	Br
	acyl	amino acid	Cl	H	I
	H	acyl	Cl	H	H
65	H	acyl	Cl	H	NH ₂
	H	acyl	Cl	H	NH-cyclopropyl

TABLE 13-continued

R ²	R ³	X ¹	X ²	Y
H	acyl	Cl	H	NH-methyl
H	acyl	Cl	H	NH-ethyl
H	acyl	Cl	H	NH-acetyl
H	acyl	Cl	H	OH
H	acyl	Cl	H	OMe
H	acyl	Cl	H	OEt
H	acyl	Cl	H	O-cyclopropyl
H	acyl	Cl	H	O-acetyl
H	acyl	Cl	H	SH
H	acyl	Cl	H	SMe
H	acyl	Cl	H	SEt
H	acyl	Cl	H	S-cyclopropyl
H	acyl	Cl	H	F
H	acyl	Cl	H	Cl
H	acyl	Cl	H	Br
H	acyl	Cl	H	I
H	amino acid	Cl	H	H
H	amino acid	Cl	H	NH ₂
H	amino acid	Cl	H	NH-cyclopropyl
H	amino acid	Cl	H	NH-methyl
H	amino acid	Cl	H	NH-ethyl
H	amino acid	Cl	H	NH-acetyl
H	amino acid	Cl	H	OH
H	amino acid	Cl	H	OMe
H	amino acid	Cl	H	OEt
H	amino acid	Cl	H	O-cyclopropyl
H	amino acid	Cl	H	O-acetyl
H	amino acid	Cl	H	SH
H	amino acid	Cl	H	SMe
H	amino acid	Cl	H	SEt
H	amino acid	Cl	H	S-cyclopropyl
H	amino acid	Cl	H	F
H	amino acid	Cl	H	Cl
H	amino acid	Cl	H	Br
H	amino acid	Cl	H	I
H	amino acid	Cl	H	H
amino acid	amino acid	Cl	H	H
amino acid	amino acid	Cl	H	NH ₂
amino acid	amino acid	Cl	H	NH-cyclopropyl
amino acid	amino acid	Cl	H	NH-methyl
amino acid	amino acid	Cl	H	NH-ethyl
amino acid	amino acid	Cl	H	NH-acetyl
amino acid	amino acid	Cl	H	OH
amino acid	amino acid	Cl	H	OMe
amino acid	amino acid	Cl	H	OEt
amino acid	amino acid	Cl	H	O-cyclopropyl
amino acid	amino acid	Cl	H	O-acetyl
amino acid	amino acid	Cl	H	SH
amino acid	amino acid	Cl	H	SMe
amino acid	amino acid	Cl	H	SEt
amino acid	amino acid	Cl	H	S-cyclopropyl
amino acid	amino acid	Cl	H	F
amino acid	amino acid	Cl	H	Cl
amino acid	amino acid	Cl	H	Br
amino acid	amino acid	Cl	H	I
amino acid	amino acid	Cl	H	H
amino acid	H	Cl	H	H
amino acid	H	Cl	H	NH ₂
amino acid	H	Cl	H	NH-cyclopropyl
amino acid	H	Cl	H	NH-methyl
amino acid	H	Cl	H	NH-ethyl
amino acid	H	Cl	H	NH-acetyl
amino acid	H	Cl	H	OH
amino acid	H	Cl	H	OMe
amino acid	H	Cl	H	OEt
amino acid	H	Cl	H	O-cyclopropyl
amino acid	H	Cl	H	O-acetyl
amino acid	H	Cl	H	SH
amino acid	H	Cl	H	SMe
amino acid	H	Cl	H	SEt
amino acid	H	Cl	H	S-cyclopropyl
amino acid	H	Cl	H	F
amino acid	H	Cl	H	Cl
amino acid	H	Cl	H	Br
amino acid	H	Cl	H	I
amino acid	H	Cl	H	H
amino acid	acyl	Cl	H	H
amino acid	acyl	Cl	H	NH ₂
amino acid	acyl	Cl	H	NH-cyclopropyl
amino acid	acyl	Cl	H	NH-methyl

TABLE 13-continued

R ²	R ³	X ¹	X ²	Y	
5	amino acid	acyl	Cl	H	NH-ethyl
	amino acid	acyl	Cl	H	NH-acetyl
	amino acid	acyl	Cl	H	OH
	amino acid	acyl	Cl	H	OMe
	amino acid	acyl	Cl	H	OEt
	amino acid	acyl	Cl	H	O-cyclopropyl
10	amino acid	acyl	Cl	H	O-acetyl
	amino acid	acyl	Cl	H	SH
	amino acid	acyl	Cl	H	SMe
	amino acid	acyl	Cl	H	SEt
	amino acid	acyl	Cl	H	S-cyclopropyl
	amino acid	acyl	Cl	H	F
15	amino acid	acyl	Cl	H	Cl
	amino acid	acyl	Cl	H	Br
	amino acid	acyl	Cl	H	I
	acyl	H	F	H	H
	acyl	H	F	H	NH ₂
	acyl	H	F	H	NH-cyclopropyl
20	acyl	H	F	H	NH-methyl
	acyl	H	F	H	NH-ethyl
	acyl	H	F	H	NH-acetyl
	acyl	H	F	H	OH
	acyl	H	F	H	OMe
	acyl	H	F	H	OEt
25	acyl	H	F	H	O-cyclopropyl
	acyl	H	F	H	O-acetyl
	acyl	H	F	H	SH
	acyl	H	F	H	SMe
	acyl	H	F	H	SEt
	acyl	H	F	H	S-cyclopropyl
30	acyl	H	F	H	F
	acyl	H	F	H	Cl
	acyl	H	F	H	Br
	acyl	H	F	H	I
	acyl	acyl	F	H	H
	acyl	acyl	F	H	NH ₂
35	acyl	acyl	F	H	NH-cyclopropyl
	acyl	acyl	F	H	NH-methyl
	acyl	acyl	F	H	NH-ethyl
	acyl	acyl	F	H	NH-acetyl
	acyl	acyl	F	H	OH
	acyl	acyl	F	H	OMe
40	acyl	acyl	F	H	OEt
	acyl	acyl	F	H	O-cyclopropyl
	acyl	acyl	F	H	O-acetyl
	acyl	acyl	F	H	SH
	acyl	acyl	F	H	SMe
	acyl	acyl	F	H	SEt
45	acyl	acyl	F	H	S-cyclopropyl
	acyl	acyl	F	H	F
	acyl	acyl	F	H	Cl
	acyl	acyl	F	H	Br
	acyl	acyl	F	H	I
	acyl	acyl	F	H	H
50	acyl	amino acid	F	H	NH ₂
	acyl	amino acid	F	H	NH-cyclopropyl
	acyl	amino acid	F	H	NH-methyl
	acyl	amino acid	F	H	NH-ethyl
	acyl	amino acid	F	H	NH-acetyl
	acyl	amino acid	F	H	OH
55	acyl	amino acid	F	H	OMe
	acyl	amino acid	F	H	OEt
	acyl	amino acid	F	H	O-cyclopropyl
	acyl	amino acid	F	H	O-acetyl
	acyl	amino acid	F	H	SH
	acyl	amino acid	F	H	SMe
60	acyl	amino acid	F	H	SEt
	acyl	amino acid	F	H	S-cyclopropyl
	acyl	amino acid	F	H	F
	acyl	amino acid	F	H	Cl
	acyl	amino acid	F	H	Br
	acyl	amino acid	F	H	I
65	H	acyl	F	H	H
	H	acyl	F	H	NH ₂
	H	acyl	F	H	NH-cyclopropyl
	H	acyl	F	H	NH-methyl
	H	acyl	F	H	NH-ethyl

TABLE 13-continued

R ²	R ³	X ¹	X ²	Y
H	acyl	F	H	NH-acetyl
H	acyl	F	H	OH
H	acyl	F	H	OMe
H	acyl	F	H	OEt
H	acyl	F	H	O-cyclopropyl
H	acyl	F	H	O-acetyl
H	acyl	F	H	SH
H	acyl	F	H	SMe
H	acyl	F	H	SEt
H	acyl	F	H	S-cyclopropyl
H	acyl	F	H	F
H	acyl	F	H	Cl
H	acyl	F	H	Br
H	acyl	F	H	I
H	amino acid	F	H	H
H	amino acid	F	H	NH ₂
H	amino acid	F	H	NH-cyclopropyl
H	amino acid	F	H	NH-methyl
H	amino acid	F	H	NH-ethyl
H	amino acid	F	H	NH-acetyl
H	amino acid	F	H	OH
H	amino acid	F	H	OMe
H	amino acid	F	H	OEt
H	amino acid	F	H	O-cyclopropyl
H	amino acid	F	H	O-acetyl
H	amino acid	F	H	SH
H	amino acid	F	H	SMe
H	amino acid	F	H	SEt
H	amino acid	F	H	S-cyclopropyl
H	amino acid	F	H	F
H	amino acid	F	H	Cl
H	amino acid	F	H	Br
H	amino acid	F	H	I
amino acid	amino acid	F	H	H
amino acid	amino acid	F	H	NH ₂
amino acid	amino acid	F	H	NH-cyclopropyl
amino acid	amino acid	F	H	NH-methyl
amino acid	amino acid	F	H	NH-ethyl
amino acid	amino acid	F	H	NH-acetyl
amino acid	amino acid	F	H	OH
amino acid	amino acid	F	H	OMe
amino acid	amino acid	F	H	OEt
amino acid	amino acid	F	H	O-cyclopropyl
amino acid	amino acid	F	H	O-acetyl
amino acid	amino acid	F	H	SH
amino acid	amino acid	F	H	SMe
amino acid	amino acid	F	H	SEt
amino acid	amino acid	F	H	S-cyclopropyl
amino acid	amino acid	F	H	F
amino acid	amino acid	F	H	Cl
amino acid	amino acid	F	H	Br
amino acid	amino acid	F	H	I
amino acid	H	F	H	H
amino acid	H	F	H	NH ₂
amino acid	H	F	H	NH-cyclopropyl
amino acid	H	F	H	NH-methyl
amino acid	H	F	H	NH-ethyl
amino acid	H	F	H	NH-acetyl
amino acid	H	F	H	OH
amino acid	H	F	H	OMe
amino acid	H	F	H	OEt
amino acid	H	F	H	O-cyclopropyl
amino acid	H	F	H	O-acetyl
amino acid	H	F	H	SH
amino acid	H	F	H	SMe
amino acid	H	F	H	SEt
amino acid	H	F	H	S-cyclopropyl
amino acid	H	F	H	F
amino acid	H	F	H	Cl
amino acid	H	F	H	Br
amino acid	H	F	H	I
amino acid	H	F	H	H
amino acid	acyl	F	H	H
amino acid	acyl	F	H	NH ₂
amino acid	acyl	F	H	NH-cyclopropyl
amino acid	acyl	F	H	NH-methyl
amino acid	acyl	F	H	NH-ethyl
amino acid	acyl	F	H	NH-acetyl
amino acid	acyl	F	H	OH

TABLE 13-continued

	R ²	R ³	X ¹	X ²	Y
5	amino acid	acyl	F	H	OH
	amino acid	acyl	F	H	OMe
	amino acid	acyl	F	H	OEt
	amino acid	acyl	F	H	O-cyclopropyl
	amino acid	acyl	F	H	O-acetyl
	amino acid	acyl	F	H	SH
10	amino acid	acyl	F	H	SMe
	amino acid	acyl	F	H	SEt
	amino acid	acyl	F	H	S-cyclopropyl
	amino acid	acyl	F	H	F
	amino acid	acyl	F	H	Cl
	amino acid	acyl	F	H	Br
15	amino acid	acyl	F	H	I
	acyl	H	NH ₂	H	H
	acyl	H	NH ₂	H	NH ₂
	acyl	H	NH ₂	H	NH-cyclopropyl
	acyl	H	NH ₂	H	NH-methyl
	acyl	H	NH ₂	H	NH-ethyl
20	acyl	H	NH ₂	H	NH-acetyl
	acyl	H	NH ₂	H	OH
	acyl	H	NH ₂	H	OMe
	acyl	H	NH ₂	H	OEt
	acyl	H	NH ₂	H	O-cyclopropyl
	acyl	H	NH ₂	H	O-acetyl
25	acyl	H	NH ₂	H	SH
	acyl	H	NH ₂	H	SMe
	acyl	H	NH ₂	H	SEt
	acyl	H	NH ₂	H	S-cyclopropyl
	acyl	H	NH ₂	H	F
	acyl	H	NH ₂	H	Cl
30	acyl	H	NH ₂	H	Br
	acyl	H	NH ₂	H	I
	acyl	acyl	NH ₂	H	H
	acyl	acyl	NH ₂	H	NH ₂
	acyl	acyl	NH ₂	H	NH-cyclopropyl
	acyl	acyl	NH ₂	H	NH-methyl
35	acyl	acyl	NH ₂	H	NH-ethyl
	acyl	acyl	NH ₂	H	NH-acetyl
	acyl	acyl	NH ₂	H	OH
	acyl	acyl	NH ₂	H	OMe
	acyl	acyl	NH ₂	H	OEt
	acyl	acyl	NH ₂	H	O-cyclopropyl
40	acyl	acyl	NH ₂	H	O-acetyl
	acyl	acyl	NH ₂	H	SH
	acyl	acyl	NH ₂	H	SMe
	acyl	acyl	NH ₂	H	SEt
	acyl	acyl	NH ₂	H	S-cyclopropyl
	acyl	acyl	NH ₂	H	F
45	acyl	acyl	NH ₂	H	Cl
	acyl	acyl	NH ₂	H	Br
	acyl	acyl	NH ₂	H	I
	acyl	amino acid	NH ₂	H	H
	acyl	amino acid	NH ₂	H	NH ₂
	acyl	amino acid	NH ₂	H	NH-cyclopropyl
50	acyl	amino acid	NH ₂	H	NH-methyl
	acyl	amino acid	NH ₂	H	NH-ethyl
	acyl	amino acid	NH ₂	H	NH-acetyl
	acyl	amino acid	NH ₂	H	OH
	acyl	amino acid	NH ₂	H	OMe
	acyl	amino acid	NH ₂	H	OEt
55	acyl	amino acid	NH ₂	H	O-cyclopropyl
	acyl	amino acid	NH ₂	H	O-acetyl
	acyl	amino acid	NH ₂	H	SH
	acyl	amino acid	NH ₂	H	SMe
	acyl	amino acid	NH ₂	H	SEt
	acyl	amino acid	NH ₂	H	S-cyclopropyl
60	acyl	amino acid	NH ₂	H	F
	acyl	amino acid	NH ₂	H	Cl
	acyl	amino acid	NH ₂	H	Br
	acyl	amino acid	NH ₂	H	I
	H	acyl	NH ₂	H	H
	H	acyl	NH ₂	H	NH ₂
65	H	acyl	NH ₂	H	NH-cyclopropyl
	H	acyl	NH ₂	H	NH-methyl
	H	acyl	NH ₂	H	NH-ethyl
	H	acyl	NH ₂	H	NH-acetyl
	H	acyl	NH ₂	H	OH

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TABLE 13-continued

R ²	R ³	X ¹	X ²	Y
H	acyl	NH ₂	H	OMe
H	acyl	NH ₂	H	OEt
H	acyl	NH ₂	H	O-cyclopropyl
H	acyl	NH ₂	H	O-acetyl
H	acyl	NH ₂	H	SH
H	acyl	NH ₂	H	SMe
H	acyl	NH ₂	H	SEt
H	acyl	NH ₂	H	S-cyclopropyl
H	acyl	NH ₂	H	F
H	acyl	NH ₂	H	Cl
H	acyl	NH ₂	H	Br
H	acyl	NH ₂	H	I
H	amino acid	NH ₂	H	H
H	amino acid	NH ₂	H	NH ₂
H	amino acid	NH ₂	H	NH-cyclopropyl
H	amino acid	NH ₂	H	NH-methyl
H	amino acid	NH ₂	H	NH-ethyl
H	amino acid	NH ₂	H	NH-acetyl
H	amino acid	NH ₂	H	OH
H	amino acid	NH ₂	H	OMe
H	amino acid	NH ₂	H	OEt
H	amino acid	NH ₂	H	O-cyclopropyl
H	amino acid	NH ₂	H	O-acetyl
H	amino acid	NH ₂	H	SH
H	amino acid	NH ₂	H	SMe
H	amino acid	NH ₂	H	SEt
H	amino acid	NH ₂	H	S-cyclopropyl
H	amino acid	NH ₂	H	F
H	amino acid	NH ₂	H	Cl
H	amino acid	NH ₂	H	Br
H	amino acid	NH ₂	H	I
H	amino acid	NH ₂	H	H
amino acid	amino acid	NH ₂	H	NH ₂
amino acid	amino acid	NH ₂	H	NH-cyclopropyl
amino acid	amino acid	NH ₂	H	NH-methyl
amino acid	amino acid	NH ₂	H	NH-ethyl
amino acid	amino acid	NH ₂	H	NH-acetyl
amino acid	amino acid	NH ₂	H	OH
amino acid	amino acid	NH ₂	H	OMe
amino acid	amino acid	NH ₂	H	OEt
amino acid	amino acid	NH ₂	H	O-cyclopropyl
amino acid	amino acid	NH ₂	H	O-acetyl
amino acid	amino acid	NH ₂	H	SH
amino acid	amino acid	NH ₂	H	SMe
amino acid	amino acid	NH ₂	H	SEt
amino acid	amino acid	NH ₂	H	S-cyclopropyl
amino acid	amino acid	NH ₂	H	F
amino acid	amino acid	NH ₂	H	Cl
amino acid	amino acid	NH ₂	H	Br
amino acid	amino acid	NH ₂	H	I
amino acid	H	NH ₂	H	H
amino acid	H	NH ₂	H	NH ₂
amino acid	H	NH ₂	H	NH-cyclopropyl
amino acid	H	NH ₂	H	NH-methyl
amino acid	H	NH ₂	H	NH-ethyl
amino acid	H	NH ₂	H	NH-acetyl
amino acid	H	NH ₂	H	OH
amino acid	H	NH ₂	H	OMe
amino acid	H	NH ₂	H	OEt
amino acid	H	NH ₂	H	O-cyclopropyl
amino acid	H	NH ₂	H	O-acetyl
amino acid	H	NH ₂	H	SH
amino acid	H	NH ₂	H	SMe
amino acid	H	NH ₂	H	SEt
amino acid	H	NH ₂	H	S-cyclopropyl
amino acid	H	NH ₂	H	F
amino acid	H	NH ₂	H	Cl
amino acid	H	NH ₂	H	Br
amino acid	H	NH ₂	H	I
amino acid	H	NH ₂	H	H
amino acid	acyl	NH ₂	H	H
amino acid	acyl	NH ₂	H	NH ₂
amino acid	acyl	NH ₂	H	NH-cyclopropyl
amino acid	acyl	NH ₂	H	NH-methyl
amino acid	acyl	NH ₂	H	NH-ethyl
amino acid	acyl	NH ₂	H	NH-acetyl
amino acid	acyl	NH ₂	H	OH
amino acid	acyl	NH ₂	H	OMe

TABLE 13-continued

	R ²	R ³	X ¹	X ²	Y
5	amino acid	acyl	NH ₂	H	OEt
	amino acid	acyl	NH ₂	H	O-cyclopropyl
	amino acid	acyl	NH ₂	H	O-acetyl
	amino acid	acyl	NH ₂	H	SH
	amino acid	acyl	NH ₂	H	SMe
	amino acid	acyl	NH ₂	H	SEt
10	amino acid	acyl	NH ₂	H	S-cyclopropyl
	amino acid	acyl	NH ₂	H	F
	amino acid	acyl	NH ₂	H	Cl
	amino acid	acyl	NH ₂	H	Br
	amino acid	acyl	NH ₂	H	I
	acyl	H	SH	H	H
15	acyl	H	SH	H	NH ₂
	acyl	H	SH	H	NH-cyclopropyl
	acyl	H	SH	H	NH-methyl
	acyl	H	SH	H	NH-ethyl
	acyl	H	SH	H	NH-acetyl
	acyl	H	SH	H	OH
20	acyl	H	SH	H	OMe
	acyl	H	SH	H	OEt
	acyl	H	SH	H	O-cyclopropyl
	acyl	H	SH	H	O-acetyl
	acyl	H	SH	H	SH
	acyl	H	SH	H	SMe
	acyl	H	SH	H	SEt
25	acyl	H	SH	H	S-cyclopropyl
	acyl	H	SH	H	F
	acyl	H	SH	H	Cl
	acyl	H	SH	H	Br
	acyl	H	SH	H	I
30	acyl	acyl	SH	H	H
	acyl	acyl	SH	H	NH ₂
	acyl	acyl	SH	H	NH-cyclopropyl
	acyl	acyl	SH	H	NH-methyl
	acyl	acyl	SH	H	NH-ethyl
	acyl	acyl	SH	H	NH-acetyl
	acyl	acyl	SH	H	OH
35	acyl	acyl	SH	H	OMe
	acyl	acyl	SH	H	OEt
	acyl	acyl	SH	H	O-cyclopropyl
	acyl	acyl	SH	H	O-acetyl
	acyl	acyl	SH	H	SH
	acyl	acyl	SH	H	SMe
40	acyl	acyl	SH	H	SEt
	acyl	acyl	SH	H	S-cyclopropyl
	acyl	acyl	SH	H	F
	acyl	acyl	SH	H	Cl
	acyl	acyl	SH	H	Br
	acyl	acyl	SH	H	I
	acyl	amino acid	SH	H	H
45	acyl	amino acid	SH	H	NH ₂
	acyl	amino acid	SH	H	NH-cyclopropyl
	acyl	amino acid	SH	H	NH-methyl
	acyl	amino acid	SH	H	NH-ethyl
	acyl	amino acid	SH	H	NH-acetyl
	acyl	amino acid	SH	H	OH
50	acyl	amino acid	SH	H	OMe
	acyl	amino acid	SH	H	OEt
	acyl	amino acid	SH	H	O-cyclopropyl
	acyl	amino acid	SH	H	O-acetyl
	acyl	amino acid	SH	H	SH
	acyl	amino acid	SH	H	SMe
55	acyl	amino acid	SH	H	SEt
	acyl	amino acid	SH	H	S-cyclopropyl
	acyl	amino acid	SH	H	F
	acyl	amino acid	SH	H	Cl
	acyl	amino acid	SH	H	Br
	acyl	amino acid	SH	H	I
60	H	acyl	SH	H	H
	H	acyl	SH	H	NH ₂
	H	acyl	SH	H	NH-cyclopropyl
	H	acyl	SH	H	NH-methyl
	H	acyl	SH	H	NH-ethyl
	H	acyl	SH	H	NH-acetyl
65	H	acyl	SH	H	OH
	H	acyl	SH	H	OMe
	H	acyl	SH	H	OEt

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TABLE 13-continued

R ²	R ³	X ¹	X ²	Y
H	acyl	SH	H	O-cyclopropyl
H	acyl	SH	H	O-acetyl
H	acyl	SH	H	SH
H	acyl	SH	H	SMe
H	acyl	SH	H	SEt
H	acyl	SH	H	S-cyclopropyl
H	acyl	SH	H	F
H	acyl	SH	H	Cl
H	acyl	SH	H	Br
H	acyl	SH	H	I
H	amino acid	SH	H	H
H	amino acid	SH	H	NH ₂
H	amino acid	SH	H	NH-cyclopropyl
H	amino acid	SH	H	NH-methyl
H	amino acid	SH	H	NH-ethyl
H	amino acid	SH	H	NH-acetyl
H	amino acid	SH	H	OH
H	amino acid	SH	H	OMe
H	amino acid	SH	H	OEt
H	amino acid	SH	H	O-cyclopropyl
H	amino acid	SH	H	O-acetyl
H	amino acid	SH	H	SH
H	amino acid	SH	H	SMe
H	amino acid	SH	H	SEt
H	amino acid	SH	H	S-cyclopropyl
H	amino acid	SH	H	F
H	amino acid	SH	H	Cl
H	amino acid	SH	H	Br
H	amino acid	SH	H	I
amino acid	amino acid	SH	H	H
amino acid	amino acid	SH	H	NH ₂
amino acid	amino acid	SH	H	NH-cyclopropyl
amino acid	amino acid	SH	H	NH-methyl
amino acid	amino acid	SH	H	NH-ethyl
amino acid	amino acid	SH	H	NH-acetyl
amino acid	amino acid	SH	H	OH
amino acid	amino acid	SH	H	OMe
amino acid	amino acid	SH	H	OEt
amino acid	amino acid	SH	H	O-cyclopropyl
amino acid	amino acid	SH	H	O-acetyl
amino acid	amino acid	SH	H	SH
amino acid	amino acid	SH	H	SMe
amino acid	amino acid	SH	H	SEt
amino acid	amino acid	SH	H	S-cyclopropyl
amino acid	amino acid	SH	H	F
amino acid	amino acid	SH	H	Cl
amino acid	amino acid	SH	H	Br
amino acid	amino acid	SH	H	I
amino acid	H	SH	H	H
amino acid	H	SH	H	NH ₂
amino acid	H	SH	H	NH-cyclopropyl
amino acid	H	SH	H	NH-methyl
amino acid	H	SH	H	NH-ethyl
amino acid	H	SH	H	NH-acetyl
amino acid	H	SH	H	OH
amino acid	H	SH	H	OMe
amino acid	H	SH	H	OEt
amino acid	H	SH	H	O-cyclopropyl
amino acid	H	SH	H	O-acetyl
amino acid	H	SH	H	SH
amino acid	H	SH	H	SMe
amino acid	H	SH	H	SEt
amino acid	H	SH	H	S-cyclopropyl
amino acid	H	SH	H	F
amino acid	H	SH	H	Cl
amino acid	H	SH	H	Br
amino acid	H	SH	H	I
amino acid	acyl	SH	H	H
amino acid	acyl	SH	H	NH ₂
amino acid	acyl	SH	H	NH-cyclopropyl
amino acid	acyl	SH	H	NH-methyl
amino acid	acyl	SH	H	NH-ethyl
amino acid	acyl	SH	H	NH-acetyl
amino acid	acyl	SH	H	OH
amino acid	acyl	SH	H	OMe
amino acid	acyl	SH	H	OEt
amino acid	acyl	SH	H	O-cyclopropyl
amino acid	acyl	SH	H	O-acetyl

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TABLE 13-continued

R ²	R ³	X ¹	X ²	Y	
5	amino acid	acyl	SH	H	O-acetyl
	amino acid	acyl	SH	H	SH
	amino acid	acyl	SH	H	SMe
	amino acid	acyl	SH	H	SEt
	amino acid	acyl	SH	H	S-cyclopropyl
	amino acid	acyl	SH	H	F
10	amino acid	acyl	SH	H	Cl
	amino acid	acyl	SH	H	Br
	amino acid	acyl	SH	H	I
	acyl	H	OH	H	H
	acyl	H	OH	H	NH ₂
	acyl	H	OH	H	NH-cyclopropyl
15	acyl	H	OH	H	NH-methyl
	acyl	H	OH	H	NH-ethyl
	acyl	H	OH	H	NH-acetyl
	acyl	H	OH	H	OH
	acyl	H	OH	H	OMe
	acyl	H	OH	H	OEt
	acyl	H	OH	H	O-cyclopropyl
20	acyl	H	OH	H	O-acetyl
	acyl	H	OH	H	SH
	acyl	H	OH	H	SMe
	acyl	H	OH	H	SEt
	acyl	H	OH	H	S-cyclopropyl
	acyl	H	OH	H	F
25	acyl	H	OH	H	Cl
	acyl	H	OH	H	Br
	acyl	H	OH	H	I
	acyl	acyl	OH	H	H
	acyl	acyl	OH	H	NH ₂
	acyl	acyl	OH	H	NH-cyclopropyl
30	acyl	acyl	OH	H	NH-methyl
	acyl	acyl	OH	H	NH-ethyl
	acyl	acyl	OH	H	NH-acetyl
	acyl	acyl	OH	H	OH
	acyl	acyl	OH	H	OMe
	acyl	acyl	OH	H	OEt
35	acyl	acyl	OH	H	O-cyclopropyl
	acyl	acyl	OH	H	O-acetyl
	acyl	acyl	OH	H	SH
	acyl	acyl	OH	H	SMe
	acyl	acyl	OH	H	SEt
	acyl	acyl	OH	H	S-cyclopropyl
	acyl	acyl	OH	H	F
40	acyl	acyl	OH	H	Cl
	acyl	acyl	OH	H	Br
	acyl	acyl	OH	H	I
	acyl	amino acid	OH	H	H
	acyl	amino acid	OH	H	NH ₂
	acyl	amino acid	OH	H	NH-cyclopropyl
45	acyl	amino acid	OH	H	NH-methyl
	acyl	amino acid	OH	H	NH-ethyl
	acyl	amino acid	OH	H	NH-acetyl
	acyl	amino acid	OH	H	OH
	acyl	amino acid	OH	H	OMe
	acyl	amino acid	OH	H	OEt
50	acyl	amino acid	OH	H	O-cyclopropyl
	acyl	amino acid	OH	H	O-acetyl
	acyl	amino acid	OH	H	SH
	acyl	amino acid	OH	H	SMe
	acyl	amino acid	OH	H	SEt
	acyl	amino acid	OH	H	S-cyclopropyl
55	acyl	amino acid	OH	H	F
	acyl	amino acid	OH	H	Cl
	acyl	amino acid	OH	H	Br
	acyl	amino acid	OH	H	I
	H	acyl	OH	H	H
	H	acyl	OH	H	NH ₂
60	H	acyl	OH	H	NH-cyclopropyl
	H	acyl	OH	H	NH-methyl
	H	acyl	OH	H	NH-ethyl
	H	acyl	OH	H	NH-acetyl
	H	acyl	OH	H	OH
	H	acyl	OH	H	OMe
	H	acyl	OH	H	OEt
65	H	acyl	OH	H	O-cyclopropyl
	H	acyl	OH	H	O-acetyl

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TABLE 13-continued

R ²	R ³	X ¹	X ²	Y
H	acyl	OH	H	SH
H	acyl	OH	H	SMe
H	acyl	OH	H	SEt
H	acyl	OH	H	S-cyclopropyl
H	acyl	OH	H	F
H	acyl	OH	H	Cl
H	acyl	OH	H	Br
H	acyl	OH	H	I
H	amino acid	OH	H	H
H	amino acid	OH	H	NH ₂
H	amino acid	OH	H	NH-cyclopropyl
H	amino acid	OH	H	NH-methyl
H	amino acid	OH	H	NH-ethyl
H	amino acid	OH	H	NH-acetyl
H	amino acid	OH	H	OH
H	amino acid	OH	H	OMe
H	amino acid	OH	H	OEt
H	amino acid	OH	H	O-cyclopropyl
H	amino acid	OH	H	O-acetyl
H	amino acid	OH	H	SH
H	amino acid	OH	H	SMe
H	amino acid	OH	H	SEt
H	amino acid	OH	H	S-cyclopropyl
H	amino acid	OH	H	F
H	amino acid	OH	H	Cl
H	amino acid	OH	H	Br
H	amino acid	OH	H	I
amino acid	amino acid	OH	H	H
amino acid	amino acid	OH	H	NH ₂
amino acid	amino acid	OH	H	NH-cyclopropyl
amino acid	amino acid	OH	H	NH-methyl
amino acid	amino acid	OH	H	NH-ethyl
amino acid	amino acid	OH	H	NH-acetyl
amino acid	amino acid	OH	H	OH
amino acid	amino acid	OH	H	OMe
amino acid	amino acid	OH	H	OEt
amino acid	amino acid	OH	H	O-cyclopropyl
amino acid	amino acid	OH	H	O-acetyl
amino acid	amino acid	OH	H	SH
amino acid	amino acid	OH	H	SMe
amino acid	amino acid	OH	H	SEt
amino acid	amino acid	OH	H	S-cyclopropyl
amino acid	amino acid	OH	H	F
amino acid	amino acid	OH	H	Cl
amino acid	amino acid	OH	H	Br
amino acid	amino acid	OH	H	I
amino acid	H	OH	H	H
amino acid	H	OH	H	NH ₂
amino acid	H	OH	H	NH-cyclopropyl
amino acid	H	OH	H	NH-methyl
amino acid	H	OH	H	NH-ethyl
amino acid	H	OH	H	NH-acetyl
amino acid	H	OH	H	OH
amino acid	H	OH	H	OMe
amino acid	H	OH	H	OEt
amino acid	H	OH	H	O-cyclopropyl
amino acid	H	OH	H	O-acetyl
amino acid	H	OH	H	SH
amino acid	H	OH	H	SMe
amino acid	H	OH	H	SEt
amino acid	H	OH	H	S-cyclopropyl
amino acid	H	OH	H	F
amino acid	H	OH	H	Cl
amino acid	H	OH	H	Br
amino acid	H	OH	H	I
amino acid	acyl	OH	H	H
amino acid	acyl	OH	H	NH ₂
amino acid	acyl	OH	H	NH-cyclopropyl
amino acid	acyl	OH	H	NH-methyl
amino acid	acyl	OH	H	NH-ethyl
amino acid	acyl	OH	H	NH-acetyl
amino acid	acyl	OH	H	OH
amino acid	acyl	OH	H	OMe
amino acid	acyl	OH	H	OEt
amino acid	acyl	OH	H	O-cyclopropyl
amino acid	acyl	OH	H	O-acetyl
amino acid	acyl	OH	H	SH
amino acid	acyl	OH	H	SMe
amino acid	acyl	OH	H	SEt
amino acid	acyl	OH	H	S-cyclopropyl
amino acid	acyl	OH	H	F
amino acid	acyl	OH	H	Cl
amino acid	acyl	OH	H	Br
amino acid	acyl	OH	H	I

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TABLE 13-continued

R ²	R ³	X ¹	X ²	Y
5	amino acid	acyl	OH	H
	amino acid	acyl	OH	H
	amino acid	acyl	OH	H
	amino acid	acyl	OH	H
	amino acid	acyl	OH	H
10	amino acid	acyl	OH	H
	amino acid	acyl	OH	H

TABLE 14

R ²	R ³	X ¹	X ²	Y
15	acyl	H	CH ₃	Br
	acyl	H	CH ₃	Br
	acyl	H	CH ₃	Br
	acyl	H	CH ₃	Br
20	acyl	H	CH ₃	Br
	acyl	H	CH ₃	Br
	acyl	H	CH ₃	Br
	acyl	H	CH ₃	Br
	acyl	H	CH ₃	Br
25	acyl	H	CH ₃	Br
	acyl	H	CH ₃	Br
	acyl	H	CH ₃	Br
	acyl	H	CH ₃	Br
	acyl	H	CH ₃	Br
30	acyl	H	CH ₃	Br
	acyl	H	CH ₃	Br
	acyl	H	CH ₃	Br
	acyl	H	CH ₃	Br
	acyl	H	CH ₃	Br
35	acyl	acyl	CH ₃	Br
	acyl	acyl	CH ₃	Br
	acyl	acyl	CH ₃	Br
	acyl	acyl	CH ₃	Br
	acyl	acyl	CH ₃	Br
40	acyl	acyl	CH ₃	Br
	acyl	acyl	CH ₃	Br
	acyl	acyl	CH ₃	Br
	acyl	acyl	CH ₃	Br
	acyl	acyl	CH ₃	Br
45	acyl	acyl	CH ₃	Br
	acyl	acyl	CH ₃	Br
	acyl	acyl	CH ₃	Br
	acyl	acyl	CH ₃	Br
	acyl	acyl	CH ₃	Br
50	acyl	amino acid	CH ₃	Br
	acyl	amino acid	CH ₃	Br
	acyl	amino acid	CH ₃	Br
	acyl	amino acid	CH ₃	Br
	acyl	amino acid	CH ₃	Br
55	acyl	amino acid	CH ₃	Br
	acyl	amino acid	CH ₃	Br
	acyl	amino acid	CH ₃	Br
	acyl	amino acid	CH ₃	Br
	acyl	amino acid	CH ₃	Br
60	acyl	amino acid	CH ₃	Br
	acyl	amino acid	CH ₃	Br
	acyl	amino acid	CH ₃	Br
	acyl	amino acid	CH ₃	Br
	acyl	amino acid	CH ₃	Br
65	H	acyl	CH ₃	Br
	H	acyl	CH ₃	Br
	H	acyl	CH ₃	Br

TABLE 14-continued

R ²	R ³	X ¹	X ²	Y
H	acyl	CH ₃	Br	NH-acetyl
H	acyl	CH ₃	Br	OH
H	acyl	CH ₃	Br	OMe
H	acyl	CH ₃	Br	OEt
H	acyl	CH ₃	Br	O-cyclopropyl
H	acyl	CH ₃	Br	O-acetyl
H	acyl	CH ₃	Br	SH
H	acyl	CH ₃	Br	SMe
H	acyl	CH ₃	Br	SEt
H	acyl	CH ₃	Br	S-cyclopropyl
H	acyl	CH ₃	Br	F
H	acyl	CH ₃	Br	Cl
H	acyl	CH ₃	Br	Br
H	acyl	CH ₃	Br	I
H	amino acid	CH ₃	Br	H
H	amino acid	CH ₃	Br	NH ₂
H	amino acid	CH ₃	Br	NH-cyclopropyl
H	amino acid	CH ₃	Br	NH-methyl
H	amino acid	CH ₃	Br	NH-ethyl
H	amino acid	CH ₃	Br	NH-acetyl
H	amino acid	CH ₃	Br	OH
H	amino acid	CH ₃	Br	OMe
H	amino acid	CH ₃	Br	OEt
H	amino acid	CH ₃	Br	O-cyclopropyl
H	amino acid	CH ₃	Br	O-acetyl
H	amino acid	CH ₃	Br	SH
H	amino acid	CH ₃	Br	SMe
H	amino acid	CH ₃	Br	SEt
H	amino acid	CH ₃	Br	S-cyclopropyl
H	amino acid	CH ₃	Br	F
H	amino acid	CH ₃	Br	Cl
H	amino acid	CH ₃	Br	Br
H	amino acid	CH ₃	Br	I
H	amino acid	CH ₃	Br	H
amino acid	amino acid	CH ₃	Br	NH ₂
amino acid	amino acid	CH ₃	Br	NH-cyclopropyl
amino acid	amino acid	CH ₃	Br	NH-methyl
amino acid	amino acid	CH ₃	Br	NH-ethyl
amino acid	amino acid	CH ₃	Br	NH-acetyl
amino acid	amino acid	CH ₃	Br	OH
amino acid	amino acid	CH ₃	Br	OMe
amino acid	amino acid	CH ₃	Br	OEt
amino acid	amino acid	CH ₃	Br	O-cyclopropyl
amino acid	amino acid	CH ₃	Br	O-acetyl
amino acid	amino acid	CH ₃	Br	SH
amino acid	amino acid	CH ₃	Br	SMe
amino acid	amino acid	CH ₃	Br	SEt
amino acid	amino acid	CH ₃	Br	S-cyclopropyl
amino acid	amino acid	CH ₃	Br	F
amino acid	amino acid	CH ₃	Br	Cl
amino acid	amino acid	CH ₃	Br	Br
amino acid	amino acid	CH ₃	Br	I
amino acid	H	CH ₃	Br	H
amino acid	H	CH ₃	Br	NH ₂
amino acid	H	CH ₃	Br	NH-cyclopropyl
amino acid	H	CH ₃	Br	NH-methyl
amino acid	H	CH ₃	Br	NH-ethyl
amino acid	H	CH ₃	Br	NH-acetyl
amino acid	H	CH ₃	Br	OH
amino acid	H	CH ₃	Br	OMe
amino acid	H	CH ₃	Br	OEt
amino acid	H	CH ₃	Br	O-cyclopropyl
amino acid	H	CH ₃	Br	O-acetyl
amino acid	H	CH ₃	Br	SH
amino acid	H	CH ₃	Br	SMe
amino acid	H	CH ₃	Br	SEt
amino acid	H	CH ₃	Br	S-cyclopropyl
amino acid	H	CH ₃	Br	F
amino acid	H	CH ₃	Br	Cl
amino acid	H	CH ₃	Br	Br
amino acid	H	CH ₃	Br	I
amino acid	H	CH ₃	Br	H
amino acid	acyl	CH ₃	Br	NH ₂
amino acid	acyl	CH ₃	Br	NH-cyclopropyl
amino acid	acyl	CH ₃	Br	NH-methyl
amino acid	acyl	CH ₃	Br	NH-ethyl
amino acid	acyl	CH ₃	Br	NH-acetyl
amino acid	acyl	CH ₃	Br	OH

TABLE 14-continued

R ²	R ³	X ¹	X ²	Y		
5	amino acid	acyl	CH ₃	Br	OH	
	amino acid	acyl	CH ₃	Br	OMe	
	amino acid	acyl	CH ₃	Br	OEt	
	amino acid	acyl	CH ₃	Br	O-cyclopropyl	
	amino acid	acyl	CH ₃	Br	O-acetyl	
10	amino acid	acyl	CH ₃	Br	SH	
	amino acid	acyl	CH ₃	Br	SMe	
	amino acid	acyl	CH ₃	Br	SEt	
	amino acid	acyl	CH ₃	Br	S-cyclopropyl	
	amino acid	acyl	CH ₃	Br	F	
	amino acid	acyl	CH ₃	Br	Cl	
	amino acid	acyl	CH ₃	Br	Br	
	15	amino acid	acyl	CH ₃	Br	I
		acyl	H	CF ₃	Br	H
		acyl	H	CF ₃	Br	NH ₂
acyl		H	CF ₃	Br	NH-cyclopropyl	
acyl		H	CF ₃	Br	NH-methyl	
	acyl	H	CF ₃	Br	NH-ethyl	
	acyl	H	CF ₃	Br	NH-acetyl	
	20	acyl	H	CF ₃	Br	OH
		acyl	H	CF ₃	Br	OMe
		acyl	H	CF ₃	Br	OEt
acyl		H	CF ₃	Br	O-cyclopropyl	
acyl		H	CF ₃	Br	O-acetyl	
	acyl	H	CF ₃	Br	SH	
	25	acyl	H	CF ₃	Br	SMe
		acyl	H	CF ₃	Br	SEt
		acyl	H	CF ₃	Br	S-cyclopropyl
		acyl	H	CF ₃	Br	F
acyl		H	CF ₃	Br	Cl	
	acyl	H	CF ₃	Br	Br	
	30	acyl	H	CF ₃	Br	I
		acyl	acyl	CF ₃	Br	H
		acyl	acyl	CF ₃	Br	NH ₂
		acyl	acyl	CF ₃	Br	NH-cyclopropyl
acyl		acyl	CF ₃	Br	NH-methyl	
	acyl	acyl	CF ₃	Br	NH-ethyl	
	35	acyl	acyl	CF ₃	Br	NH-acetyl
		acyl	acyl	CF ₃	Br	OH
		acyl	acyl	CF ₃	Br	OMe
		acyl	acyl	CF ₃	Br	OEt
acyl		acyl	CF ₃	Br	O-cyclopropyl	
	acyl	acyl	CF ₃	Br	O-acetyl	
	40	acyl	acyl	CF ₃	Br	SH
		acyl	acyl	CF ₃	Br	SMe
		acyl	acyl	CF ₃	Br	SEt
		acyl	acyl	CF ₃	Br	S-cyclopropyl
acyl		acyl	CF ₃	Br	F	
	acyl	acyl	CF ₃	Br	Cl	
	45	acyl	acyl	CF ₃	Br	Br
		acyl	acyl	CF ₃	Br	I
		acyl	amino acid	CF ₃	Br	H
		acyl	amino acid	CF ₃	Br	NH ₂
acyl		amino acid	CF ₃	Br	NH-cyclopropyl	
	acyl	amino acid	CF ₃	Br	NH-methyl	
	50	acyl	amino acid	CF ₃	Br	NH-ethyl
		acyl	amino acid	CF ₃	Br	NH-acetyl
		acyl	amino acid	CF ₃	Br	OH
		acyl	amino acid	CF ₃	Br	OMe
acyl		amino acid	CF ₃	Br	OEt	
	acyl	amino acid	CF ₃	Br	O-cyclopropyl	
	55	acyl	amino acid	CF ₃	Br	O-acetyl
		acyl	amino acid	CF ₃	Br	SH
		acyl	amino acid	CF ₃	Br	SMe
		acyl	amino acid	CF ₃	Br	SEt
acyl		amino acid	CF ₃	Br	S-cyclopropyl	
	acyl	amino acid	CF ₃	Br	F	
	60	acyl	amino acid	CF ₃	Br	Cl
		acyl	amino acid	CF ₃	Br	Br
		acyl	amino acid	CF ₃	Br	I
		H	acyl	CF ₃	Br	H
H		acyl	CF ₃	Br	NH ₂	
	H	acyl	CF ₃	Br	NH-cyclopropyl	
	65	H	acyl	CF ₃	Br	NH-methyl
		H	acyl	CF ₃	Br	NH-ethyl
		H	acyl	CF ₃	Br	NH-acetyl
		H	acyl	CF ₃	Br	OH

TABLE 14-continued

R ²	R ³	X ¹	X ²	Y
H	acyl	CF ₃	Br	OMe
H	acyl	CF ₃	Br	OEt
H	acyl	CF ₃	Br	O-cyclopropyl
H	acyl	CF ₃	Br	O-acetyl
H	acyl	CF ₃	Br	SH
H	acyl	CF ₃	Br	SMe
H	acyl	CF ₃	Br	SEt
H	acyl	CF ₃	Br	S-cyclopropyl
H	acyl	CF ₃	Br	F
H	acyl	CF ₃	Br	Cl
H	acyl	CF ₃	Br	Br
H	acyl	CF ₃	Br	I
H	amino acid	CF ₃	Br	H
H	amino acid	CF ₃	Br	NH ₂
H	amino acid	CF ₃	Br	NH-cyclopropyl
H	amino acid	CF ₃	Br	NH-methyl
H	amino acid	CF ₃	Br	NH-ethyl
H	amino acid	CF ₃	Br	NH-acetyl
H	amino acid	CF ₃	Br	OH
H	amino acid	CF ₃	Br	OMe
H	amino acid	CF ₃	Br	OEt
H	amino acid	CF ₃	Br	O-cyclopropyl
H	amino acid	CF ₃	Br	O-acetyl
H	amino acid	CF ₃	Br	SH
H	amino acid	CF ₃	Br	SMe
H	amino acid	CF ₃	Br	SEt
H	amino acid	CF ₃	Br	S-cyclopropyl
H	amino acid	CF ₃	Br	F
H	amino acid	CF ₃	Br	Cl
H	amino acid	CF ₃	Br	Br
H	amino acid	CF ₃	Br	I
amino acid	amino acid	CF ₃	Br	H
amino acid	amino acid	CF ₃	Br	NH ₂
amino acid	amino acid	CF ₃	Br	NH-cyclopropyl
amino acid	amino acid	CF ₃	Br	NH-methyl
amino acid	amino acid	CF ₃	Br	NH-ethyl
amino acid	amino acid	CF ₃	Br	NH-acetyl
amino acid	amino acid	CF ₃	Br	OH
amino acid	amino acid	CF ₃	Br	OMe
amino acid	amino acid	CF ₃	Br	OEt
amino acid	amino acid	CF ₃	Br	O-cyclopropyl
amino acid	amino acid	CF ₃	Br	O-acetyl
amino acid	amino acid	CF ₃	Br	SH
amino acid	amino acid	CF ₃	Br	SMe
amino acid	amino acid	CF ₃	Br	SEt
amino acid	amino acid	CF ₃	Br	S-cyclopropyl
amino acid	amino acid	CF ₃	Br	F
amino acid	amino acid	CF ₃	Br	Cl
amino acid	amino acid	CF ₃	Br	Br
amino acid	amino acid	CF ₃	Br	I
amino acid	amino acid	CF ₃	Br	H
amino acid	H	CF ₃	Br	NH ₂
amino acid	H	CF ₃	Br	NH-cyclopropyl
amino acid	H	CF ₃	Br	NH-methyl
amino acid	H	CF ₃	Br	NH-ethyl
amino acid	H	CF ₃	Br	NH-acetyl
amino acid	H	CF ₃	Br	OH
amino acid	H	CF ₃	Br	OMe
amino acid	H	CF ₃	Br	OEt
amino acid	H	CF ₃	Br	O-cyclopropyl
amino acid	H	CF ₃	Br	O-acetyl
amino acid	H	CF ₃	Br	SH
amino acid	H	CF ₃	Br	SMe
amino acid	H	CF ₃	Br	SEt
amino acid	H	CF ₃	Br	S-cyclopropyl
amino acid	H	CF ₃	Br	F
amino acid	H	CF ₃	Br	Cl
amino acid	H	CF ₃	Br	Br
amino acid	H	CF ₃	Br	I
amino acid	acyl	CF ₃	Br	H
amino acid	acyl	CF ₃	Br	NH ₂
amino acid	acyl	CF ₃	Br	NH-cyclopropyl
amino acid	acyl	CF ₃	Br	NH-methyl
amino acid	acyl	CF ₃	Br	NH-ethyl
amino acid	acyl	CF ₃	Br	NH-acetyl
amino acid	acyl	CF ₃	Br	OH
amino acid	acyl	CF ₃	Br	OMe
amino acid	acyl	CF ₃	Br	OEt

TABLE 14-continued

	R ²	R ³	X ¹	X ²	Y
5	amino acid	acyl	CF ₃	Br	OEt
	amino acid	acyl	CF ₃	Br	O-cyclopropyl
	amino acid	acyl	CF ₃	Br	O-acetyl
	amino acid	acyl	CF ₃	Br	SH
	amino acid	acyl	CF ₃	Br	SMe
	amino acid	acyl	CF ₃	Br	SEt
10	amino acid	acyl	CF ₃	Br	S-cyclopropyl
	amino acid	acyl	CF ₃	Br	F
	amino acid	acyl	CF ₃	Br	Cl
	amino acid	acyl	CF ₃	Br	Br
	amino acid	acyl	CF ₃	Br	I
	acyl	H	Br	Br	H
15	acyl	H	Br	Br	NH ₂
	acyl	H	Br	Br	NH-cyclopropyl
	acyl	H	Br	Br	NH-methyl
	acyl	H	Br	Br	NH-ethyl
	acyl	H	Br	Br	NH-acetyl
	acyl	H	Br	Br	OH
20	acyl	H	Br	Br	OMe
	acyl	H	Br	Br	OEt
	acyl	H	Br	Br	O-cyclopropyl
	acyl	H	Br	Br	O-acetyl
	acyl	H	Br	Br	SH
	acyl	H	Br	Br	SMe
	acyl	H	Br	Br	SEt
25	acyl	H	Br	Br	S-cyclopropyl
	acyl	H	Br	Br	F
	acyl	H	Br	Br	Cl
	acyl	H	Br	Br	Br
	acyl	H	Br	Br	I
	acyl	acyl	Br	Br	H
30	acyl	acyl	Br	Br	NH ₂
	acyl	acyl	Br	Br	NH-cyclopropyl
	acyl	acyl	Br	Br	NH-methyl
	acyl	acyl	Br	Br	NH-ethyl
	acyl	acyl	Br	Br	NH-acetyl
	acyl	acyl	Br	Br	OH
35	acyl	acyl	Br	Br	OMe
	acyl	acyl	Br	Br	OEt
	acyl	acyl	Br	Br	O-cyclopropyl
	acyl	acyl	Br	Br	O-acetyl
	acyl	acyl	Br	Br	SH
	acyl	acyl	Br	Br	SMe
	acyl	acyl	Br	Br	SEt
40	acyl	acyl	Br	Br	S-cyclopropyl
	acyl	acyl	Br	Br	F
	acyl	acyl	Br	Br	Cl
	acyl	acyl	Br	Br	Br
	acyl	acyl	Br	Br	I
	acyl	amino acid	Br	Br	H
45	acyl	amino acid	Br	Br	NH ₂
	acyl	amino acid	Br	Br	NH-cyclopropyl
	acyl	amino acid	Br	Br	NH-methyl
	acyl	amino acid	Br	Br	NH-ethyl
	acyl	amino acid	Br	Br	NH-acetyl
	acyl	amino acid	Br	Br	OH
50	acyl	amino acid	Br	Br	OMe
	acyl	amino acid	Br	Br	OEt
	acyl	amino acid	Br	Br	O-cyclopropyl
	acyl	amino acid	Br	Br	O-acetyl
	acyl	amino acid	Br	Br	SH
	acyl	amino acid	Br	Br	SMe
55	acyl	amino acid	Br	Br	SEt
	acyl	amino acid	Br	Br	S-cyclopropyl
	acyl	amino acid	Br	Br	F
	acyl	amino acid	Br	Br	Cl
	acyl	amino acid	Br	Br	Br
	acyl	amino acid	Br	Br	I
60	H	acyl	Br	Br	H
	H	acyl	Br	Br	NH ₂
	H	acyl	Br	Br	NH-cyclopropyl
	H	acyl	Br	Br	NH-methyl
	H	acyl	Br	Br	NH-ethyl
	H	acyl	Br	Br	NH-acetyl
	H	acyl	Br	Br	OH
65	H	acyl	Br	Br	OMe
	H	acyl	Br	Br	OEt

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TABLE 14-continued

R ²	R ³	X ¹	X ²	Y
H	acyl	Br	Br	O-cyclopropyl
H	acyl	Br	Br	O-acetyl
H	acyl	Br	Br	SH
H	acyl	Br	Br	SMe
H	acyl	Br	Br	SEt
H	acyl	Br	Br	S-cyclopropyl
H	acyl	Br	Br	F
H	acyl	Br	Br	Cl
H	acyl	Br	Br	Br
H	acyl	Br	Br	I
H	amino acid	Br	Br	H
H	amino acid	Br	Br	NH ₂
H	amino acid	Br	Br	NH-cyclopropyl
H	amino acid	Br	Br	NH-methyl
H	amino acid	Br	Br	NH-ethyl
H	amino acid	Br	Br	NH-acetyl
H	amino acid	Br	Br	OH
H	amino acid	Br	Br	OMe
H	amino acid	Br	Br	OEt
H	amino acid	Br	Br	O-cyclopropyl
H	amino acid	Br	Br	O-acetyl
H	amino acid	Br	Br	SH
H	amino acid	Br	Br	SMe
H	amino acid	Br	Br	SEt
H	amino acid	Br	Br	S-cyclopropyl
H	amino acid	Br	Br	F
H	amino acid	Br	Br	Cl
H	amino acid	Br	Br	Br
H	amino acid	Br	Br	I
amino acid	amino acid	Br	Br	H
amino acid	amino acid	Br	Br	NH ₂
amino acid	amino acid	Br	Br	NH-cyclopropyl
amino acid	amino acid	Br	Br	NH-methyl
amino acid	amino acid	Br	Br	NH-ethyl
amino acid	amino acid	Br	Br	NH-acetyl
amino acid	amino acid	Br	Br	OH
amino acid	amino acid	Br	Br	OMe
amino acid	amino acid	Br	Br	OEt
amino acid	amino acid	Br	Br	O-cyclopropyl
amino acid	amino acid	Br	Br	O-acetyl
amino acid	amino acid	Br	Br	SH
amino acid	amino acid	Br	Br	SMe
amino acid	amino acid	Br	Br	SEt
amino acid	amino acid	Br	Br	S-cyclopropyl
amino acid	amino acid	Br	Br	F
amino acid	amino acid	Br	Br	Cl
amino acid	amino acid	Br	Br	Br
amino acid	amino acid	Br	Br	I
H	Br	Br	Br	H
amino acid	H	Br	Br	NH ₂
amino acid	H	Br	Br	NH-cyclopropyl
amino acid	H	Br	Br	NH-methyl
amino acid	H	Br	Br	NH-ethyl
amino acid	H	Br	Br	NH-acetyl
amino acid	H	Br	Br	OH
amino acid	H	Br	Br	OMe
amino acid	H	Br	Br	OEt
amino acid	H	Br	Br	O-cyclopropyl
amino acid	H	Br	Br	O-acetyl
amino acid	H	Br	Br	SH
amino acid	H	Br	Br	SMe
amino acid	H	Br	Br	SEt
amino acid	H	Br	Br	S-cyclopropyl
amino acid	H	Br	Br	F
amino acid	H	Br	Br	Cl
amino acid	H	Br	Br	Br
amino acid	H	Br	Br	I
amino acid	acyl	Br	Br	H
amino acid	acyl	Br	Br	NH ₂
amino acid	acyl	Br	Br	NH-cyclopropyl
amino acid	acyl	Br	Br	NH-methyl
amino acid	acyl	Br	Br	NH-ethyl
amino acid	acyl	Br	Br	NH-acetyl
amino acid	acyl	Br	Br	OH
amino acid	acyl	Br	Br	OMe
amino acid	acyl	Br	Br	OEt
amino acid	acyl	Br	Br	O-cyclopropyl
amino acid	acyl	Br	Br	O-acetyl

1302

TABLE 14-continued

R ²	R ³	X ¹	X ²	Y
5	amino acid	acyl	Br	O-acetyl
	amino acid	acyl	Br	SH
	amino acid	acyl	Br	SMe
	amino acid	acyl	Br	SEt
	amino acid	acyl	Br	S-cyclopropyl
	amino acid	acyl	Br	F
10	amino acid	acyl	Br	Cl
	amino acid	acyl	Br	Br
	amino acid	acyl	Br	I
	acyl	H	Cl	H
	acyl	H	Cl	NH ₂
	acyl	H	Cl	NH-cyclopropyl
15	acyl	H	Cl	NH-methyl
	acyl	H	Cl	NH-ethyl
	acyl	H	Cl	NH-acetyl
	acyl	H	Cl	OH
	acyl	H	Cl	OMe
	acyl	H	Cl	OEt
	acyl	H	Cl	O-cyclopropyl
20	acyl	H	Cl	O-acetyl
	acyl	H	Cl	SH
	acyl	H	Cl	SMe
	acyl	H	Cl	SEt
	acyl	H	Cl	S-cyclopropyl
	acyl	H	Cl	F
25	acyl	H	Cl	Cl
	acyl	H	Cl	Br
	acyl	H	Cl	I
	acyl	acyl	Cl	H
	acyl	acyl	Cl	NH ₂
	acyl	acyl	Cl	NH-cyclopropyl
30	acyl	acyl	Cl	NH-methyl
	acyl	acyl	Cl	NH-ethyl
	acyl	acyl	Cl	NH-acetyl
	acyl	acyl	Cl	OH
	acyl	acyl	Cl	OMe
	acyl	acyl	Cl	OEt
35	acyl	acyl	Cl	O-cyclopropyl
	acyl	acyl	Cl	O-acetyl
	acyl	acyl	Cl	SH
	acyl	acyl	Cl	SMe
	acyl	acyl	Cl	SEt
	acyl	acyl	Cl	S-cyclopropyl
	acyl	acyl	Cl	F
40	acyl	acyl	Cl	Cl
	acyl	acyl	Cl	Br
	acyl	acyl	Cl	I
	acyl	amino acid	Cl	H
	acyl	amino acid	Cl	NH ₂
	acyl	amino acid	Cl	NH-cyclopropyl
45	acyl	amino acid	Cl	NH-methyl
	acyl	amino acid	Cl	NH-ethyl
	acyl	amino acid	Cl	NH-acetyl
	acyl	amino acid	Cl	OH
	acyl	amino acid	Cl	OMe
	acyl	amino acid	Cl	OEt
50	acyl	amino acid	Cl	O-cyclopropyl
	acyl	amino acid	Cl	O-acetyl
	acyl	amino acid	Cl	SH
	acyl	amino acid	Cl	SMe
	acyl	amino acid	Cl	SEt
	acyl	amino acid	Cl	S-cyclopropyl
55	acyl	amino acid	Cl	F
	acyl	amino acid	Cl	Cl
	acyl	amino acid	Cl	Br
	acyl	amino acid	Cl	I
	acyl	H	Cl	H
	H	acyl	Cl	NH ₂
60	H	acyl	Cl	NH-cyclopropyl
	H	acyl	Cl	NH-methyl
	H	acyl	Cl	NH-ethyl
	H	acyl	Cl	NH-acetyl
	H	acyl	Cl	OH
	H	acyl	Cl	OMe
	H	acyl	Cl	SEt
65	H	acyl	Cl	O-cyclopropyl
	H	acyl	Cl	O-acetyl

1303

TABLE 14-continued

R ²	R ³	X ¹	X ²	Y
H	acyl	Cl	Br	SH
H	acyl	Cl	Br	SMe
H	acyl	Cl	Br	SEt
H	acyl	Cl	Br	S-cyclopropyl
H	acyl	Cl	Br	F
H	acyl	Cl	Br	Cl
H	acyl	Cl	Br	Br
H	acyl	Cl	Br	I
H	amino acid	Cl	Br	H
H	amino acid	Cl	Br	NH ₂
H	amino acid	Cl	Br	NH-cyclopropyl
H	amino acid	Cl	Br	NH-methyl
H	amino acid	Cl	Br	NH-ethyl
H	amino acid	Cl	Br	NH-acetyl
H	amino acid	Cl	Br	OH
H	amino acid	Cl	Br	OMe
H	amino acid	Cl	Br	SEt
H	amino acid	Cl	Br	O-cyclopropyl
H	amino acid	Cl	Br	O-acetyl
H	amino acid	Cl	Br	SH
H	amino acid	Cl	Br	SMe
H	amino acid	Cl	Br	SEt
H	amino acid	Cl	Br	S-cyclopropyl
H	amino acid	Cl	Br	F
H	amino acid	Cl	Br	Cl
H	amino acid	Cl	Br	Br
H	amino acid	Cl	Br	I
amino acid	amino acid	Cl	Br	H
amino acid	amino acid	Cl	Br	NH ₂
amino acid	amino acid	Cl	Br	NH-cyclopropyl
amino acid	amino acid	Cl	Br	NH-methyl
amino acid	amino acid	Cl	Br	NH-ethyl
amino acid	amino acid	Cl	Br	NH-acetyl
amino acid	amino acid	Cl	Br	OH
amino acid	amino acid	Cl	Br	OMe
amino acid	amino acid	Cl	Br	SEt
amino acid	amino acid	Cl	Br	O-cyclopropyl
amino acid	amino acid	Cl	Br	O-acetyl
amino acid	amino acid	Cl	Br	SH
amino acid	amino acid	Cl	Br	SMe
amino acid	amino acid	Cl	Br	SEt
amino acid	amino acid	Cl	Br	S-cyclopropyl
amino acid	amino acid	Cl	Br	F
amino acid	amino acid	Cl	Br	Cl
amino acid	amino acid	Cl	Br	Br
amino acid	amino acid	Cl	Br	I
amino acid	amino acid	Cl	Br	H
amino acid	amino acid	Cl	Br	NH ₂
amino acid	amino acid	Cl	Br	NH-cyclopropyl
amino acid	amino acid	Cl	Br	NH-methyl
amino acid	amino acid	Cl	Br	NH-ethyl
amino acid	amino acid	Cl	Br	NH-acetyl
amino acid	amino acid	Cl	Br	OH
amino acid	amino acid	Cl	Br	OMe
amino acid	amino acid	Cl	Br	SEt
amino acid	amino acid	Cl	Br	O-cyclopropyl
amino acid	amino acid	Cl	Br	O-acetyl
amino acid	amino acid	Cl	Br	SH
amino acid	amino acid	Cl	Br	SMe
amino acid	amino acid	Cl	Br	SEt
amino acid	amino acid	Cl	Br	S-cyclopropyl
amino acid	amino acid	Cl	Br	F
amino acid	amino acid	Cl	Br	Cl
amino acid	amino acid	Cl	Br	Br
amino acid	amino acid	Cl	Br	I
amino acid	amino acid	Cl	Br	H
amino acid	amino acid	Cl	Br	NH ₂
amino acid	amino acid	Cl	Br	NH-cyclopropyl
amino acid	amino acid	Cl	Br	NH-methyl
amino acid	amino acid	Cl	Br	NH-ethyl
amino acid	amino acid	Cl	Br	NH-acetyl
amino acid	amino acid	Cl	Br	OH
amino acid	amino acid	Cl	Br	OMe
amino acid	amino acid	Cl	Br	SEt
amino acid	amino acid	Cl	Br	O-cyclopropyl
amino acid	amino acid	Cl	Br	O-acetyl
amino acid	amino acid	Cl	Br	SH
amino acid	amino acid	Cl	Br	SMe
amino acid	amino acid	Cl	Br	SEt
amino acid	amino acid	Cl	Br	S-cyclopropyl
amino acid	amino acid	Cl	Br	F
amino acid	amino acid	Cl	Br	Cl
amino acid	amino acid	Cl	Br	Br
amino acid	amino acid	Cl	Br	I
amino acid	amino acid	Cl	Br	H
amino acid	amino acid	Cl	Br	NH ₂
amino acid	amino acid	Cl	Br	NH-cyclopropyl
amino acid	amino acid	Cl	Br	NH-methyl
amino acid	amino acid	Cl	Br	NH-ethyl
amino acid	amino acid	Cl	Br	NH-acetyl
amino acid	amino acid	Cl	Br	OH
amino acid	amino acid	Cl	Br	OMe
amino acid	amino acid	Cl	Br	SEt
amino acid	amino acid	Cl	Br	O-cyclopropyl
amino acid	amino acid	Cl	Br	O-acetyl
amino acid	amino acid	Cl	Br	SH
amino acid	amino acid	Cl	Br	SMe
amino acid	amino acid	Cl	Br	SEt

1304

TABLE 14-continued

R ²	R ³	X ¹	X ²	Y
5	amino acid	acyl	Cl	Br
	amino acid	acyl	Cl	Br
	amino acid	acyl	Cl	Br
	amino acid	acyl	Cl	Br
	amino acid	acyl	Cl	Br
	amino acid	acyl	Cl	Br
10	amino acid	acyl	Cl	Br
	acyl	H	F	Br
	acyl	H	F	Br
	acyl	H	F	Br
	acyl	H	F	Br
15	acyl	H	F	Br
	acyl	H	F	Br
	acyl	H	F	Br
	acyl	H	F	Br
20	acyl	H	F	Br
	acyl	H	F	Br
	acyl	H	F	Br
	acyl	H	F	Br
25	acyl	acyl	F	Br
	acyl	acyl	F	Br
	acyl	acyl	F	Br
	acyl	acyl	F	Br
	acyl	acyl	F	Br
30	acyl	acyl	F	Br
	acyl	acyl	F	Br
	acyl	acyl	F	Br
	acyl	acyl	F	Br
	acyl	acyl	F	Br
35	acyl	acyl	F	Br
	acyl	acyl	F	Br
	acyl	acyl	F	Br
	acyl	acyl	F	Br
	acyl	acyl	F	Br
40	acyl	amino acid	F	Br
	acyl	amino acid	F	Br
	acyl	amino acid	F	Br
	acyl	amino acid	F	Br
	acyl	amino acid	F	Br
45	acyl	amino acid	F	Br
	acyl	amino acid	F	Br
	acyl	amino acid	F	Br
	acyl	amino acid	F	Br
	acyl	amino acid	F	Br
50	acyl	amino acid	F	Br
	acyl	amino acid	F	Br
	acyl	amino acid	F	Br
	acyl	amino acid	F	Br
	acyl	amino acid	F	Br
55	acyl	amino acid	F	Br
	H	acyl	F	Br
	H	acyl	F	Br
	H	acyl	F	Br
	H	acyl	F	Br
60	H	acyl	F	Br
	H	acyl	F	Br
	H	acyl	F	Br
	H	acyl	F	Br
	H	acyl	F	Br
65	H	acyl	F	Br
	H	acyl	F	Br

1305

TABLE 14-continued

R ²	R ³	X ¹	X ²	Y
H	acyl	F	Br	S-cyclopropyl
H	acyl	F	Br	F
H	acyl	F	Br	Cl
H	acyl	F	Br	Br
H	acyl	F	Br	I
H	amino acid	F	Br	H
H	amino acid	F	Br	NH ₂
H	amino acid	F	Br	NH-cyclopropyl
H	amino acid	F	Br	NH-methyl
H	amino acid	F	Br	NH-ethyl
H	amino acid	F	Br	NH-acetyl
H	amino acid	F	Br	OH
H	amino acid	F	Br	OMe
H	amino acid	F	Br	OEt
H	amino acid	F	Br	O-cyclopropyl
H	amino acid	F	Br	O-acetyl
H	amino acid	F	Br	SH
H	amino acid	F	Br	SMe
H	amino acid	F	Br	SEt
H	amino acid	F	Br	S-cyclopropyl
H	amino acid	F	Br	F
H	amino acid	F	Br	Cl
H	amino acid	F	Br	Br
H	amino acid	F	Br	I
amino acid	amino acid	F	Br	H
amino acid	amino acid	F	Br	NH ₂
amino acid	amino acid	F	Br	NH-cyclopropyl
amino acid	amino acid	F	Br	NH-methyl
amino acid	amino acid	F	Br	NH-ethyl
amino acid	amino acid	F	Br	NH-acetyl
amino acid	amino acid	F	Br	OH
amino acid	amino acid	F	Br	OMe
amino acid	amino acid	F	Br	OEt
amino acid	amino acid	F	Br	O-cyclopropyl
amino acid	amino acid	F	Br	O-acetyl
amino acid	amino acid	F	Br	SH
amino acid	amino acid	F	Br	SMe
amino acid	amino acid	F	Br	SEt
amino acid	amino acid	F	Br	S-cyclopropyl
amino acid	amino acid	F	Br	F
amino acid	amino acid	F	Br	Cl
amino acid	amino acid	F	Br	Br
amino acid	amino acid	F	Br	I
amino acid	amino acid	F	Br	H
amino acid	H	F	Br	NH ₂
amino acid	H	F	Br	NH-cyclopropyl
amino acid	H	F	Br	NH-methyl
amino acid	H	F	Br	NH-ethyl
amino acid	H	F	Br	NH-acetyl
amino acid	H	F	Br	OH
amino acid	H	F	Br	OMe
amino acid	H	F	Br	OEt
amino acid	H	F	Br	O-cyclopropyl
amino acid	H	F	Br	O-acetyl
amino acid	H	F	Br	SH
amino acid	H	F	Br	SMe
amino acid	H	F	Br	SEt
amino acid	H	F	Br	S-cyclopropyl
amino acid	H	F	Br	F
amino acid	H	F	Br	Cl
amino acid	H	F	Br	Br
amino acid	H	F	Br	I
amino acid	H	F	Br	H
amino acid	acyl	F	Br	H
amino acid	acyl	F	Br	NH ₂
amino acid	acyl	F	Br	NH-cyclopropyl
amino acid	acyl	F	Br	NH-methyl
amino acid	acyl	F	Br	NH-ethyl
amino acid	acyl	F	Br	NH-acetyl
amino acid	acyl	F	Br	OH
amino acid	acyl	F	Br	OMe
amino acid	acyl	F	Br	OEt
amino acid	acyl	F	Br	O-cyclopropyl
amino acid	acyl	F	Br	O-acetyl
amino acid	acyl	F	Br	SH
amino acid	acyl	F	Br	SMe
amino acid	acyl	F	Br	SEt
amino acid	acyl	F	Br	S-cyclopropyl
amino acid	acyl	F	Br	F

1306

TABLE 14-continued

R ²	R ³	X ¹	X ²	Y
5	amino acid	acyl	F	Br
	amino acid	acyl	F	Br
	amino acid	acyl	F	Br
	amino acid	acyl	F	Br
	acyl	H	NH ₂	Br
	acyl	H	NH ₂	Br
10	acyl	H	NH ₂	Br
	acyl	H	NH ₂	Br
	acyl	H	NH ₂	Br
	acyl	H	NH ₂	Br
	acyl	H	NH ₂	Br
	acyl	H	NH ₂	Br
	acyl	H	NH ₂	Br
	acyl	H	NH ₂	Br
15	acyl	H	NH ₂	Br
	acyl	H	NH ₂	Br
	acyl	H	NH ₂	Br
	acyl	H	NH ₂	Br
	acyl	H	NH ₂	Br
	acyl	H	NH ₂	Br
	acyl	H	NH ₂	Br
	acyl	H	NH ₂	Br
20	acyl	H	NH ₂	Br
	acyl	H	NH ₂	Br
	acyl	H	NH ₂	Br
	acyl	H	NH ₂	Br
	acyl	H	NH ₂	Br
	acyl	H	NH ₂	Br
	acyl	H	NH ₂	Br
	acyl	H	NH ₂	Br
25	acyl	acyl	NH ₂	Br
	acyl	acyl	NH ₂	Br
	acyl	acyl	NH ₂	Br
	acyl	acyl	NH ₂	Br
	acyl	acyl	NH ₂	Br
	acyl	acyl	NH ₂	Br
	acyl	acyl	NH ₂	Br
	acyl	acyl	NH ₂	Br
	acyl	acyl	NH ₂	Br
	acyl	acyl	NH ₂	Br
30	acyl	acyl	NH ₂	Br
	acyl	acyl	NH ₂	Br
	acyl	acyl	NH ₂	Br
	acyl	acyl	NH ₂	Br
	acyl	acyl	NH ₂	Br
	acyl	acyl	NH ₂	Br
	acyl	acyl	NH ₂	Br
	acyl	acyl	NH ₂	Br
35	acyl	acyl	NH ₂	Br
	acyl	acyl	NH ₂	Br
	acyl	acyl	NH ₂	Br
	acyl	acyl	NH ₂	Br
	acyl	acyl	NH ₂	Br
	acyl	acyl	NH ₂	Br
	acyl	acyl	NH ₂	Br
	acyl	acyl	NH ₂	Br
40	acyl	amino acid	NH ₂	Br
	acyl	amino acid	NH ₂	Br
	acyl	amino acid	NH ₂	Br
	acyl	amino acid	NH ₂	Br
	acyl	amino acid	NH ₂	Br
	acyl	amino acid	NH ₂	Br
	acyl	amino acid	NH ₂	Br
	acyl	amino acid	NH ₂	Br
45	acyl	amino acid	NH ₂	Br
	acyl	amino acid	NH ₂	Br
	acyl	amino acid	NH ₂	Br
	acyl	amino acid	NH ₂	Br
	acyl	amino acid	NH ₂	Br
	acyl	amino acid	NH ₂	Br
	acyl	amino acid	NH ₂	Br
	acyl	amino acid	NH ₂	Br
50	acyl	amino acid	NH ₂	Br
	acyl	amino acid	NH ₂	Br
	acyl	amino acid	NH ₂	Br
	acyl	amino acid	NH ₂	Br
	acyl	amino acid	NH ₂	Br
	acyl	amino acid	NH ₂	Br
	acyl	amino acid	NH ₂	Br
	acyl	amino acid	NH ₂	Br
55	H	acyl	NH ₂	Br
	H	acyl	NH ₂	Br
	H	acyl	NH ₂	Br
	H	acyl	NH ₂	Br
	H	acyl	NH ₂	Br
	H	acyl	NH ₂	Br
	H	acyl	NH ₂	Br
	H	acyl	NH ₂	Br
60	H	acyl	NH ₂	Br
	H	acyl	NH ₂	Br
	H	acyl	NH ₂	Br
	H	acyl	NH ₂	Br
	H	acyl	NH ₂	Br
	H	acyl	NH ₂	Br
	H	acyl	NH ₂	Br
	H	acyl	NH ₂	Br
65	H	acyl	NH ₂	Br
	H	acyl	NH ₂	Br

TABLE 14-continued

R ²	R ³	X ¹	X ²	Y
H	acyl	NH ₂	Br	Cl
H	acyl	NH ₂	Br	Br
H	acyl	NH ₂	Br	I
H	amino acid	NH ₂	Br	H
H	amino acid	NH ₂	Br	NH ₂
H	amino acid	NH ₂	Br	NH-cyclopropyl
H	amino acid	NH ₂	Br	NH-methyl
H	amino acid	NH ₂	Br	NH-ethyl
H	amino acid	NH ₂	Br	NH-acetyl
H	amino acid	NH ₂	Br	OH
H	amino acid	NH ₂	Br	OMe
H	amino acid	NH ₂	Br	OEt
H	amino acid	NH ₂	Br	O-cyclopropyl
H	amino acid	NH ₂	Br	O-acetyl
H	amino acid	NH ₂	Br	SH
H	amino acid	NH ₂	Br	SMe
H	amino acid	NH ₂	Br	SEt
H	amino acid	NH ₂	Br	S-cyclopropyl
H	amino acid	NH ₂	Br	F
H	amino acid	NH ₂	Br	Cl
H	amino acid	NH ₂	Br	Br
H	amino acid	NH ₂	Br	I
amino acid	amino acid	NH ₂	Br	H
amino acid	amino acid	NH ₂	Br	NH ₂
amino acid	amino acid	NH ₂	Br	NH-cyclopropyl
amino acid	amino acid	NH ₂	Br	NH-methyl
amino acid	amino acid	NH ₂	Br	NH-ethyl
amino acid	amino acid	NH ₂	Br	NH-acetyl
amino acid	amino acid	NH ₂	Br	OH
amino acid	amino acid	NH ₂	Br	OMe
amino acid	amino acid	NH ₂	Br	OEt
amino acid	amino acid	NH ₂	Br	O-cyclopropyl
amino acid	amino acid	NH ₂	Br	O-acetyl
amino acid	amino acid	NH ₂	Br	SH
amino acid	amino acid	NH ₂	Br	SMe
amino acid	amino acid	NH ₂	Br	SEt
amino acid	amino acid	NH ₂	Br	S-cyclopropyl
amino acid	amino acid	NH ₂	Br	F
amino acid	amino acid	NH ₂	Br	Cl
amino acid	amino acid	NH ₂	Br	Br
amino acid	amino acid	NH ₂	Br	I
amino acid	H	NH ₂	Br	H
amino acid	H	NH ₂	Br	NH ₂
amino acid	H	NH ₂	Br	NH-cyclopropyl
amino acid	H	NH ₂	Br	NH-methyl
amino acid	H	NH ₂	Br	NH-ethyl
amino acid	H	NH ₂	Br	NH-acetyl
amino acid	H	NH ₂	Br	OH
amino acid	H	NH ₂	Br	OMe
amino acid	H	NH ₂	Br	OEt
amino acid	H	NH ₂	Br	O-cyclopropyl
amino acid	H	NH ₂	Br	O-acetyl
amino acid	H	NH ₂	Br	SH
amino acid	H	NH ₂	Br	SMe
amino acid	H	NH ₂	Br	SEt
amino acid	H	NH ₂	Br	S-cyclopropyl
amino acid	H	NH ₂	Br	F
amino acid	H	NH ₂	Br	Cl
amino acid	H	NH ₂	Br	Br
amino acid	H	NH ₂	Br	I
amino acid	acyl	NH ₂	Br	H
amino acid	acyl	NH ₂	Br	NH ₂
amino acid	acyl	NH ₂	Br	NH-cyclopropyl
amino acid	acyl	NH ₂	Br	NH-methyl
amino acid	acyl	NH ₂	Br	NH-ethyl
amino acid	acyl	NH ₂	Br	NH-acetyl
amino acid	acyl	NH ₂	Br	OH
amino acid	acyl	NH ₂	Br	OMe
amino acid	acyl	NH ₂	Br	OEt
amino acid	acyl	NH ₂	Br	O-cyclopropyl
amino acid	acyl	NH ₂	Br	O-acetyl
amino acid	acyl	NH ₂	Br	SH
amino acid	acyl	NH ₂	Br	SMe
amino acid	acyl	NH ₂	Br	SEt
amino acid	acyl	NH ₂	Br	S-cyclopropyl
amino acid	acyl	NH ₂	Br	F
amino acid	acyl	NH ₂	Br	Cl

TABLE 14-continued

	R ²	R ³	X ¹	X ²	Y
5	amino acid	acyl	NH ₂	Br	Br
	amino acid	acyl	NH ₂	Br	I
	acyl	H	SH	Br	H
	acyl	H	SH	Br	NH ₂
	acyl	H	SH	Br	NH-cyclopropyl
	acyl	H	SH	Br	NH-methyl
10	acyl	H	SH	Br	NH-ethyl
	acyl	H	SH	Br	NH-acetyl
	acyl	H	SH	Br	OH
	acyl	H	SH	Br	OMe
	acyl	H	SH	Br	OEt
	acyl	H	SH	Br	O-cyclopropyl
	acyl	H	SH	Br	O-acetyl
15	acyl	H	SH	Br	SH
	acyl	H	SH	Br	SMe
	acyl	H	SH	Br	SEt
	acyl	H	SH	Br	S-cyclopropyl
	acyl	H	SH	Br	F
20	acyl	H	SH	Br	Cl
	acyl	H	SH	Br	Br
	acyl	H	SH	Br	I
	acyl	acyl	SH	Br	H
	acyl	acyl	SH	Br	NH ₂
	acyl	acyl	SH	Br	NH-cyclopropyl
25	acyl	acyl	SH	Br	NH-methyl
	acyl	acyl	SH	Br	NH-ethyl
	acyl	acyl	SH	Br	NH-acetyl
	acyl	acyl	SH	Br	OH
	acyl	acyl	SH	Br	OMe
	acyl	acyl	SH	Br	OEt
	acyl	acyl	SH	Br	O-cyclopropyl
	acyl	acyl	SH	Br	O-acetyl
30	acyl	acyl	SH	Br	SH
	acyl	acyl	SH	Br	SMe
	acyl	acyl	SH	Br	SEt
	acyl	acyl	SH	Br	S-cyclopropyl
	acyl	acyl	SH	Br	F
35	acyl	acyl	SH	Br	Cl
	acyl	acyl	SH	Br	Br
	acyl	acyl	SH	Br	I
	acyl	amino acid	SH	Br	H
	acyl	amino acid	SH	Br	NH ₂
	acyl	amino acid	SH	Br	NH-cyclopropyl
40	acyl	amino acid	SH	Br	NH-methyl
	acyl	amino acid	SH	Br	NH-ethyl
	acyl	amino acid	SH	Br	NH-acetyl
	acyl	amino acid	SH	Br	OH
	acyl	amino acid	SH	Br	OMe
	acyl	amino acid	SH	Br	OEt
	acyl	amino acid	SH	Br	O-cyclopropyl
45	acyl	amino acid	SH	Br	O-acetyl
	acyl	amino acid	SH	Br	SH
	acyl	amino acid	SH	Br	SMe
	acyl	amino acid	SH	Br	SEt
	acyl	amino acid	SH	Br	S-cyclopropyl
	acyl	amino acid	SH	Br	F
50	acyl	amino acid	SH	Br	Cl
	acyl	amino acid	SH	Br	Br
	acyl	amino acid	SH	Br	I
	H	acyl	SH	Br	H
	H	acyl	SH	Br	NH ₂
	H	acyl	SH	Br	NH-cyclopropyl
55	H	acyl	SH	Br	NH-methyl
	H	acyl	SH	Br	NH-ethyl
	H	acyl	SH	Br	NH-acetyl
	H	acyl	SH	Br	OH
	H	acyl	SH	Br	OMe
	H	acyl	SH	Br	OEt
	H	acyl	SH	Br	O-cyclopropyl
60	H	acyl	SH	Br	O-acetyl
	H	acyl	SH	Br	SH
	H	acyl	SH	Br	SMe
	H	acyl	SH	Br	SEt
	H	acyl	SH	Br	S-cyclopropyl
	H	acyl	SH	Br	F
65	H	acyl	SH	Br	Cl
	H	acyl	SH	Br	Br

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TABLE 14-continued

R ²	R ³	X ¹	X ²	Y
H	acyl	SH	Br	I
H	amino acid	SH	Br	H
H	amino acid	SH	Br	NH ₂
H	amino acid	SH	Br	NH-cyclopropyl
H	amino acid	SH	Br	NH-methyl
H	amino acid	SH	Br	NH-ethyl
H	amino acid	SH	Br	NH-acetyl
H	amino acid	SH	Br	OH
H	amino acid	SH	Br	OMe
H	amino acid	SH	Br	OEt
H	amino acid	SH	Br	O-cyclopropyl
H	amino acid	SH	Br	O-acetyl
H	amino acid	SH	Br	SH
H	amino acid	SH	Br	SMe
H	amino acid	SH	Br	SEt
H	amino acid	SH	Br	S-cyclopropyl
H	amino acid	SH	Br	F
H	amino acid	SH	Br	Cl
H	amino acid	SH	Br	Br
H	amino acid	SH	Br	I
amino acid	amino acid	SH	Br	H
amino acid	amino acid	SH	Br	NH ₂
amino acid	amino acid	SH	Br	NH-cyclopropyl
amino acid	amino acid	SH	Br	NH-methyl
amino acid	amino acid	SH	Br	NH-ethyl
amino acid	amino acid	SH	Br	NH-acetyl
amino acid	amino acid	SH	Br	OH
amino acid	amino acid	SH	Br	OMe
amino acid	amino acid	SH	Br	OEt
amino acid	amino acid	SH	Br	O-cyclopropyl
amino acid	amino acid	SH	Br	O-acetyl
amino acid	amino acid	SH	Br	SH
amino acid	amino acid	SH	Br	SMe
amino acid	amino acid	SH	Br	SEt
amino acid	amino acid	SH	Br	S-cyclopropyl
amino acid	amino acid	SH	Br	F
amino acid	amino acid	SH	Br	Cl
amino acid	amino acid	SH	Br	Br
amino acid	amino acid	SH	Br	I
amino acid	H	SH	Br	H
amino acid	H	SH	Br	NH ₂
amino acid	H	SH	Br	NH-cyclopropyl
amino acid	H	SH	Br	NH-methyl
amino acid	H	SH	Br	NH-ethyl
amino acid	H	SH	Br	NH-acetyl
amino acid	H	SH	Br	OH
amino acid	H	SH	Br	OMe
amino acid	H	SH	Br	OEt
amino acid	H	SH	Br	O-cyclopropyl
amino acid	H	SH	Br	O-acetyl
amino acid	H	SH	Br	SH
amino acid	H	SH	Br	SMe
amino acid	H	SH	Br	SEt
amino acid	H	SH	Br	S-cyclopropyl
amino acid	H	SH	Br	F
amino acid	H	SH	Br	Cl
amino acid	H	SH	Br	Br
amino acid	H	SH	Br	I
amino acid	acyl	SH	Br	H
amino acid	acyl	SH	Br	NH ₂
amino acid	acyl	SH	Br	NH-cyclopropyl
amino acid	acyl	SH	Br	NH-methyl
amino acid	acyl	SH	Br	NH-ethyl
amino acid	acyl	SH	Br	NH-acetyl
amino acid	acyl	SH	Br	OH
amino acid	acyl	SH	Br	OMe
amino acid	acyl	SH	Br	OEt
amino acid	acyl	SH	Br	O-cyclopropyl
amino acid	acyl	SH	Br	O-acetyl
amino acid	acyl	SH	Br	SH
amino acid	acyl	SH	Br	SMe
amino acid	acyl	SH	Br	SEt
amino acid	acyl	SH	Br	S-cyclopropyl
amino acid	acyl	SH	Br	F
amino acid	acyl	SH	Br	Cl
amino acid	acyl	SH	Br	Br
amino acid	acyl	SH	Br	I

TABLE 14-continued

	R ²	R ³	X ¹	X ²	Y
5	acyl	H	OH	Br	H
	acyl	H	OH	Br	NH ₂
	acyl	H	OH	Br	NH-cyclopropyl
	acyl	H	OH	Br	NH-methyl
	acyl	H	OH	Br	NH-ethyl
	acyl	H	OH	Br	NH-acetyl
10	acyl	H	OH	Br	OH
	acyl	H	OH	Br	OMe
	acyl	H	OH	Br	OEt
	acyl	H	OH	Br	O-cyclopropyl
	acyl	H	OH	Br	O-acetyl
	acyl	H	OH	Br	SH
15	acyl	H	OH	Br	SMe
	acyl	H	OH	Br	SEt
	acyl	H	OH	Br	S-cyclopropyl
	acyl	H	OH	Br	F
	acyl	H	OH	Br	Cl
	acyl	H	OH	Br	Br
20	acyl	H	OH	Br	I
	acyl	acyl	OH	Br	H
	acyl	acyl	OH	Br	NH ₂
	acyl	acyl	OH	Br	NH-cyclopropyl
	acyl	acyl	OH	Br	NH-methyl
	acyl	acyl	OH	Br	NH-ethyl
	acyl	acyl	OH	Br	NH-acetyl
25	acyl	acyl	OH	Br	OH
	acyl	acyl	OH	Br	OMe
	acyl	acyl	OH	Br	OEt
	acyl	acyl	OH	Br	O-cyclopropyl
	acyl	acyl	OH	Br	O-acetyl
	acyl	acyl	OH	Br	SH
30	acyl	acyl	OH	Br	SMe
	acyl	acyl	OH	Br	SEt
	acyl	acyl	OH	Br	S-cyclopropyl
	acyl	acyl	OH	Br	F
	acyl	acyl	OH	Br	Cl
	acyl	acyl	OH	Br	Br
35	acyl	acyl	OH	Br	I
	acyl	amino acid	OH	Br	H
	acyl	amino acid	OH	Br	NH ₂
	acyl	amino acid	OH	Br	NH-cyclopropyl
	acyl	amino acid	OH	Br	NH-methyl
	acyl	amino acid	OH	Br	NH-ethyl
	acyl	amino acid	OH	Br	NH-acetyl
40	acyl	amino acid	OH	Br	OH
	acyl	amino acid	OH	Br	OMe
	acyl	amino acid	OH	Br	OEt
	acyl	amino acid	OH	Br	O-cyclopropyl
	acyl	amino acid	OH	Br	O-acetyl
	acyl	amino acid	OH	Br	SH
45	acyl	amino acid	OH	Br	SMe
	acyl	amino acid	OH	Br	SEt
	acyl	amino acid	OH	Br	S-cyclopropyl
	acyl	amino acid	OH	Br	F
	acyl	amino acid	OH	Br	Cl
	acyl	amino acid	OH	Br	Br
50	acyl	amino acid	OH	Br	I
	H	acyl	OH	Br	H
	H	acyl	OH	Br	NH ₂
	H	acyl	OH	Br	NH-cyclopropyl
	H	acyl	OH	Br	NH-methyl
	H	acyl	OH	Br	NH-ethyl
	H	acyl	OH	Br	NH-acetyl
55	H	acyl	OH	Br	OH
	H	acyl	OH	Br	OMe
	H	acyl	OH	Br	OEt
	H	acyl	OH	Br	O-cyclopropyl
	H	acyl	OH	Br	O-acetyl
	H	acyl	OH	Br	SH
60	H	acyl	OH	Br	SMe
	H	acyl	OH	Br	SEt
	H	acyl	OH	Br	S-cyclopropyl
	H	acyl	OH	Br	F
	H	acyl	OH	Br	Cl
	H	acyl	OH	Br	Br
65	H	acyl	OH	Br	I
	H	amino acid	OH	Br	H

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TABLE 14-continued

R ²	R ³	X ¹	X ²	Y
H	amino acid	OH	Br	NH ₂
H	amino acid	OH	Br	NH-cyclopropyl
H	amino acid	OH	Br	NH-methyl
H	amino acid	OH	Br	NH-ethyl
H	amino acid	OH	Br	NH-acetyl
H	amino acid	OH	Br	OH
H	amino acid	OH	Br	OMe
H	amino acid	OH	Br	OEt
H	amino acid	OH	Br	O-cyclopropyl
H	amino acid	OH	Br	O-acetyl
H	amino acid	OH	Br	SH
H	amino acid	OH	Br	SMe
H	amino acid	OH	Br	SEt
H	amino acid	OH	Br	S-cyclopropyl
H	amino acid	OH	Br	F
H	amino acid	OH	Br	Cl
H	amino acid	OH	Br	Br
H	amino acid	OH	Br	I
amino acid	amino acid	OH	Br	H
amino acid	amino acid	OH	Br	NH ₂
amino acid	amino acid	OH	Br	NH-cyclopropyl
amino acid	amino acid	OH	Br	NH-methyl
amino acid	amino acid	OH	Br	NH-ethyl
amino acid	amino acid	OH	Br	NH-acetyl
amino acid	amino acid	OH	Br	OH
amino acid	amino acid	OH	Br	OMe
amino acid	amino acid	OH	Br	OEt
amino acid	amino acid	OH	Br	O-cyclopropyl
amino acid	amino acid	OH	Br	O-acetyl
amino acid	amino acid	OH	Br	SH
amino acid	amino acid	OH	Br	SMe
amino acid	amino acid	OH	Br	SEt
amino acid	amino acid	OH	Br	S-cyclopropyl
amino acid	amino acid	OH	Br	F
amino acid	amino acid	OH	Br	Cl
amino acid	amino acid	OH	Br	Br
amino acid	amino acid	OH	Br	I
amino acid	H	OH	Br	H
amino acid	H	OH	Br	NH ₂
amino acid	H	OH	Br	NH-cyclopropyl
amino acid	H	OH	Br	NH-methyl
amino acid	H	OH	Br	NH-ethyl
amino acid	H	OH	Br	NH-acetyl
amino acid	H	OH	Br	OH
amino acid	H	OH	Br	OMe
amino acid	H	OH	Br	OEt
amino acid	H	OH	Br	O-cyclopropyl
amino acid	H	OH	Br	O-acetyl
amino acid	H	OH	Br	SH
amino acid	H	OH	Br	SMe
amino acid	H	OH	Br	SEt
amino acid	H	OH	Br	S-cyclopropyl
amino acid	H	OH	Br	F
amino acid	H	OH	Br	Cl
amino acid	H	OH	Br	Br
amino acid	H	OH	Br	I
amino acid	acyl	OH	Br	H
amino acid	acyl	OH	Br	NH ₂
amino acid	acyl	OH	Br	NH-cyclopropyl
amino acid	acyl	OH	Br	NH-methyl
amino acid	acyl	OH	Br	NH-ethyl
amino acid	acyl	OH	Br	NH-acetyl
amino acid	acyl	OH	Br	OH
amino acid	acyl	OH	Br	OMe
amino acid	acyl	OH	Br	OEt
amino acid	acyl	OH	Br	O-cyclopropyl
amino acid	acyl	OH	Br	O-acetyl
amino acid	acyl	OH	Br	SH
amino acid	acyl	OH	Br	SMe
amino acid	acyl	OH	Br	SEt
amino acid	acyl	OH	Br	S-cyclopropyl
amino acid	acyl	OH	Br	F
amino acid	acyl	OH	Br	Cl
amino acid	acyl	OH	Br	Br
amino acid	acyl	OH	Br	I
acyl	H	CH ₃	Cl	H
acyl	H	CH ₃	Cl	NH ₂

TABLE 14-continued

R ²		R ³	X ¹	X ²	Y
5	acyl	H	CH ₃	Cl	NH-cyclopropyl
	acyl	H	CH ₃	Cl	NH-methyl
	acyl	H	CH ₃	Cl	NH-ethyl
	acyl	H	CH ₃	Cl	NH-acetyl
	acyl	H	CH ₃	Cl	OH
10	acyl	H	CH ₃	Cl	OMe
	acyl	H	CH ₃	Cl	OEt
	acyl	H	CH ₃	Cl	O-cyclopropyl
	acyl	H	CH ₃	Cl	O-acetyl
	acyl	H	CH ₃	Cl	SH
15	acyl	H	CH ₃	Cl	SMe
	acyl	H	CH ₃	Cl	SEt
	acyl	H	CH ₃	Cl	S-cyclopropyl
	acyl	H	CH ₃	Cl	F
	acyl	H	CH ₃	Cl	Cl
20	acyl	H	CH ₃	Cl	Br
	acyl	H	CH ₃	Cl	I
	acyl	acyl	CH ₃	Cl	H
	acyl	acyl	CH ₃	Cl	NH ₂
	acyl	acyl	CH ₃	Cl	NH-cyclopropyl
25	acyl	acyl	CH ₃	Cl	NH-methyl
	acyl	acyl	CH ₃	Cl	NH-ethyl
	acyl	acyl	CH ₃	Cl	NH-acetyl
	acyl	acyl	CH ₃	Cl	OH
	acyl	acyl	CH ₃	Cl	OMe
30	acyl	acyl	CH ₃	Cl	OEt
	acyl	acyl	CH ₃	Cl	O-cyclopropyl
	acyl	acyl	CH ₃	Cl	O-acetyl
	acyl	acyl	CH ₃	Cl	SH
	acyl	acyl	CH ₃	Cl	SMe
35	acyl	acyl	CH ₃	Cl	SEt
	acyl	acyl	CH ₃	Cl	S-cyclopropyl
	acyl	acyl	CH ₃	Cl	F
	acyl	acyl	CH ₃	Cl	Cl
	acyl	acyl	CH ₃	Cl	Br
40	acyl	acyl	CH ₃	Cl	I
	acyl	amino acid	CH ₃	Cl	H
	acyl	amino acid	CH ₃	Cl	NH ₂
	acyl	amino acid	CH ₃	Cl	NH-cyclopropyl
	acyl	amino acid	CH ₃	Cl	NH-methyl
45	acyl	amino acid	CH ₃	Cl	NH-ethyl
	acyl	amino acid	CH ₃	Cl	NH-acetyl
	acyl	amino acid	CH ₃	Cl	OH
	acyl	amino acid	CH ₃	Cl	OMe
	acyl	amino acid	CH ₃	Cl	OEt
50	acyl	amino acid	CH ₃	Cl	O-cyclopropyl
	acyl	amino acid	CH ₃	Cl	O-acetyl
	acyl	amino acid	CH ₃	Cl	SH
	acyl	amino acid	CH ₃	Cl	SMe
	acyl	amino acid	CH ₃	Cl	SEt
55	acyl	amino acid	CH ₃	Cl	S-cyclopropyl
	acyl	amino acid	CH ₃	Cl	F
	acyl	amino acid	CH ₃	Cl	Cl
	acyl	amino acid	CH ₃	Cl	Br
	acyl	amino acid	CH ₃	Cl	I
60	H	acyl	CH ₃	Cl	H
	H	acyl	CH ₃	Cl	NH ₂
	H	acyl	CH ₃	Cl	NH-cyclopropyl
	H	acyl	CH ₃	Cl	NH-methyl
	H	acyl	CH ₃	Cl	NH-ethyl
65	H	acyl	CH ₃	Cl	NH-acetyl
	H	acyl	CH ₃	Cl	OH
	H	acyl	CH ₃	Cl	OMe
	H	acyl	CH ₃	Cl	OEt
	H	acyl	CH ₃	Cl	O-cyclopropyl
	H	acyl	CH ₃	Cl	O-acetyl
	H	acyl	CH ₃	Cl	SH
	H	acyl	CH ₃	Cl	SMe
	H	acyl	CH ₃	Cl	SEt
	H	acyl	CH ₃	Cl	S-cyclopropyl
	H	acyl	CH ₃	Cl	F
	H	acyl	CH ₃	Cl	Cl
	H	acyl	CH ₃	Cl	Br
	H	acyl	CH ₃	Cl	I
	H	amino acid	CH ₃	Cl	H
	H	amino acid	CH ₃	Cl	NH ₂
	H	amino acid	CH ₃	Cl	NH-cyclopropyl

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TABLE 14-continued

R ²	R ³	X ¹	X ²	Y
H	amino acid	CH ₃	Cl	NH-methyl
H	amino acid	CH ₃	Cl	NH-ethyl
H	amino acid	CH ₃	Cl	NH-acetyl
H	amino acid	CH ₃	Cl	OH
H	amino acid	CH ₃	Cl	OMe
H	amino acid	CH ₃	Cl	OEt
H	amino acid	CH ₃	Cl	O-cyclopropyl
H	amino acid	CH ₃	Cl	O-acetyl
H	amino acid	CH ₃	Cl	SH
H	amino acid	CH ₃	Cl	SMe
H	amino acid	CH ₃	Cl	SEt
H	amino acid	CH ₃	Cl	S-cyclopropyl
H	amino acid	CH ₃	Cl	F
H	amino acid	CH ₃	Cl	Br
H	amino acid	CH ₃	Cl	I
H	amino acid	CH ₃	Cl	H
amino acid	amino acid	CH ₃	Cl	NH ₂
amino acid	amino acid	CH ₃	Cl	NH-cyclopropyl
amino acid	amino acid	CH ₃	Cl	NH-methyl
amino acid	amino acid	CH ₃	Cl	NH-ethyl
amino acid	amino acid	CH ₃	Cl	NH-acetyl
amino acid	amino acid	CH ₃	Cl	OH
amino acid	amino acid	CH ₃	Cl	OMe
amino acid	amino acid	CH ₃	Cl	OEt
amino acid	amino acid	CH ₃	Cl	O-cyclopropyl
amino acid	amino acid	CH ₃	Cl	O-acetyl
amino acid	amino acid	CH ₃	Cl	SH
amino acid	amino acid	CH ₃	Cl	SMe
amino acid	amino acid	CH ₃	Cl	SEt
amino acid	amino acid	CH ₃	Cl	S-cyclopropyl
amino acid	amino acid	CH ₃	Cl	F
amino acid	amino acid	CH ₃	Cl	Br
amino acid	amino acid	CH ₃	Cl	I
amino acid	amino acid	CH ₃	Cl	H
amino acid	H	CH ₃	Cl	NH ₂
amino acid	H	CH ₃	Cl	NH-cyclopropyl
amino acid	H	CH ₃	Cl	NH-methyl
amino acid	H	CH ₃	Cl	NH-ethyl
amino acid	H	CH ₃	Cl	NH-acetyl
amino acid	H	CH ₃	Cl	OH
amino acid	H	CH ₃	Cl	OMe
amino acid	H	CH ₃	Cl	OEt
amino acid	H	CH ₃	Cl	O-cyclopropyl
amino acid	H	CH ₃	Cl	O-acetyl
amino acid	H	CH ₃	Cl	SH
amino acid	H	CH ₃	Cl	SMe
amino acid	H	CH ₃	Cl	SEt
amino acid	H	CH ₃	Cl	S-cyclopropyl
amino acid	H	CH ₃	Cl	F
amino acid	H	CH ₃	Cl	Br
amino acid	H	CH ₃	Cl	I
amino acid	H	CH ₃	Cl	H
amino acid	acyl	CH ₃	Cl	NH ₂
amino acid	acyl	CH ₃	Cl	NH-cyclopropyl
amino acid	acyl	CH ₃	Cl	NH-methyl
amino acid	acyl	CH ₃	Cl	NH-ethyl
amino acid	acyl	CH ₃	Cl	NH-acetyl
amino acid	acyl	CH ₃	Cl	OH
amino acid	acyl	CH ₃	Cl	OMe
amino acid	acyl	CH ₃	Cl	OEt
amino acid	acyl	CH ₃	Cl	O-cyclopropyl
amino acid	acyl	CH ₃	Cl	O-acetyl
amino acid	acyl	CH ₃	Cl	SH
amino acid	acyl	CH ₃	Cl	SMe
amino acid	acyl	CH ₃	Cl	SEt
amino acid	acyl	CH ₃	Cl	S-cyclopropyl
amino acid	acyl	CH ₃	Cl	F
amino acid	acyl	CH ₃	Cl	Br
amino acid	acyl	CH ₃	Cl	I
acyl	H	CF ₃	Cl	NH ₂
acyl	H	CF ₃	Cl	NH-cyclopropyl
acyl	H	CF ₃	Cl	NH-methyl
acyl	H	CF ₃	Cl	NH-ethyl

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TABLE 14-continued

R ²	R ³	X ¹	X ²	Y	
5	acyl	H	CF ₃	Cl	NH-ethyl
	acyl	H	CF ₃	Cl	NH-acetyl
	acyl	H	CF ₃	Cl	OH
	acyl	H	CF ₃	Cl	OMe
	acyl	H	CF ₃	Cl	OEt
10	acyl	H	CF ₃	Cl	O-cyclopropyl
	acyl	H	CF ₃	Cl	O-acetyl
	acyl	H	CF ₃	Cl	SH
	acyl	H	CF ₃	Cl	SMe
	acyl	H	CF ₃	Cl	SEt
15	acyl	H	CF ₃	Cl	S-cyclopropyl
	acyl	H	CF ₃	Cl	F
	acyl	H	CF ₃	Cl	Cl
	acyl	H	CF ₃	Cl	Br
	acyl	H	CF ₃	Cl	I
20	acyl	acyl	CF ₃	Cl	H
	acyl	acyl	CF ₃	Cl	NH ₂
	acyl	acyl	CF ₃	Cl	NH-cyclopropyl
	acyl	acyl	CF ₃	Cl	NH-methyl
	acyl	acyl	CF ₃	Cl	NH-ethyl
25	acyl	acyl	CF ₃	Cl	NH-acetyl
	acyl	acyl	CF ₃	Cl	OH
	acyl	acyl	CF ₃	Cl	OMe
	acyl	acyl	CF ₃	Cl	OEt
	acyl	acyl	CF ₃	Cl	O-cyclopropyl
30	acyl	acyl	CF ₃	Cl	O-acetyl
	acyl	acyl	CF ₃	Cl	SH
	acyl	acyl	CF ₃	Cl	SMe
	acyl	acyl	CF ₃	Cl	SEt
	acyl	acyl	CF ₃	Cl	S-cyclopropyl
35	acyl	acyl	CF ₃	Cl	F
	acyl	acyl	CF ₃	Cl	Cl
	acyl	acyl	CF ₃	Cl	Br
	acyl	acyl	CF ₃	Cl	I
	acyl	amino acid	CF ₃	Cl	H
40	acyl	amino acid	CF ₃	Cl	NH ₂
	acyl	amino acid	CF ₃	Cl	NH-cyclopropyl
	acyl	amino acid	CF ₃	Cl	NH-methyl
	acyl	amino acid	CF ₃	Cl	NH-ethyl
	acyl	amino acid	CF ₃	Cl	NH-acetyl
45	acyl	amino acid	CF ₃	Cl	OH
	acyl	amino acid	CF ₃	Cl	OMe
	acyl	amino acid	CF ₃	Cl	OEt
	acyl	amino acid	CF ₃	Cl	O-cyclopropyl
	acyl	amino acid	CF ₃	Cl	O-acetyl
50	acyl	amino acid	CF ₃	Cl	SH
	acyl	amino acid	CF ₃	Cl	SMe
	acyl	amino acid	CF ₃	Cl	SEt
	acyl	amino acid	CF ₃	Cl	S-cyclopropyl
	acyl	amino acid	CF ₃	Cl	F
55	acyl	amino acid	CF ₃	Cl	Cl
	acyl	amino acid	CF ₃	Cl	Br
	acyl	amino acid	CF ₃	Cl	I
	H	acyl	CF ₃	Cl	H
	H	acyl	CF ₃	Cl	NH ₂
60	H	acyl	CF ₃	Cl	NH-cyclopropyl
	H	acyl	CF ₃	Cl	NH-methyl
	H	acyl	CF ₃	Cl	NH-ethyl
	H	acyl	CF ₃	Cl	NH-acetyl
	H	acyl	CF ₃	Cl	OH
65	H	acyl	CF ₃	Cl	OMe
	H	acyl	CF ₃	Cl	OEt
	H	acyl	CF ₃	Cl	O-cyclopropyl
	H	acyl	CF ₃	Cl	O-acetyl
	H	acyl	CF ₃	Cl	SH
	H	acyl	CF ₃	Cl	SMe
	H	acyl	CF ₃	Cl	SEt
	H	acyl	CF ₃	Cl	S-cyclopropyl
	H	acyl	CF ₃	Cl	F
	H	acyl	CF ₃	Cl	Cl
	H	acyl	CF ₃	Cl	Br
	H	acyl	CF ₃	Cl	I
	H	amino acid	CF ₃	Cl	H
	H	amino acid	CF ₃	Cl	NH ₂
	H	amino acid	CF ₃	Cl	NH-cyclopropyl
	H	amino acid	CF ₃	Cl	NH-methyl
	H	amino acid	CF ₃	Cl	NH-ethyl

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TABLE 14-continued

R ²	R ³	X ¹	X ²	Y
H	amino acid	CF ₃	Cl	NH-acetyl
H	amino acid	CF ₃	Cl	OH
H	amino acid	CF ₃	Cl	OMe
H	amino acid	CF ₃	Cl	OEt
H	amino acid	CF ₃	Cl	O-cyclopropyl
H	amino acid	CF ₃	Cl	O-acetyl
H	amino acid	CF ₃	Cl	SH
H	amino acid	CF ₃	Cl	SMe
H	amino acid	CF ₃	Cl	SEt
H	amino acid	CF ₃	Cl	S-cyclopropyl
H	amino acid	CF ₃	Cl	F
H	amino acid	CF ₃	Cl	Cl
H	amino acid	CF ₃	Cl	Br
H	amino acid	CF ₃	Cl	I
amino acid	amino acid	CF ₃	Cl	H
amino acid	amino acid	CF ₃	Cl	NH ₂
amino acid	amino acid	CF ₃	Cl	NH-cyclopropyl
amino acid	amino acid	CF ₃	Cl	NH-methyl
amino acid	amino acid	CF ₃	Cl	NH-ethyl
amino acid	amino acid	CF ₃	Cl	NH-acetyl
amino acid	amino acid	CF ₃	Cl	OH
amino acid	amino acid	CF ₃	Cl	OMe
amino acid	amino acid	CF ₃	Cl	OEt
amino acid	amino acid	CF ₃	Cl	O-cyclopropyl
amino acid	amino acid	CF ₃	Cl	O-acetyl
amino acid	amino acid	CF ₃	Cl	SH
amino acid	amino acid	CF ₃	Cl	SMe
amino acid	amino acid	CF ₃	Cl	SEt
amino acid	amino acid	CF ₃	Cl	S-cyclopropyl
amino acid	amino acid	CF ₃	Cl	F
amino acid	amino acid	CF ₃	Cl	Cl
amino acid	amino acid	CF ₃	Cl	Br
amino acid	amino acid	CF ₃	Cl	I
amino acid	H	CF ₃	Cl	H
amino acid	H	CF ₃	Cl	NH ₂
amino acid	H	CF ₃	Cl	NH-cyclopropyl
amino acid	H	CF ₃	Cl	NH-methyl
amino acid	H	CF ₃	Cl	NH-ethyl
amino acid	H	CF ₃	Cl	NH-acetyl
amino acid	H	CF ₃	Cl	OH
amino acid	H	CF ₃	Cl	OMe
amino acid	H	CF ₃	Cl	OEt
amino acid	H	CF ₃	Cl	O-cyclopropyl
amino acid	H	CF ₃	Cl	O-acetyl
amino acid	H	CF ₃	Cl	SH
amino acid	H	CF ₃	Cl	SMe
amino acid	H	CF ₃	Cl	SEt
amino acid	H	CF ₃	Cl	S-cyclopropyl
amino acid	H	CF ₃	Cl	F
amino acid	H	CF ₃	Cl	Cl
amino acid	H	CF ₃	Cl	Br
amino acid	H	CF ₃	Cl	I
amino acid	acyl	CF ₃	Cl	H
amino acid	acyl	CF ₃	Cl	NH ₂
amino acid	acyl	CF ₃	Cl	NH-cyclopropyl
amino acid	acyl	CF ₃	Cl	NH-methyl
amino acid	acyl	CF ₃	Cl	NH-ethyl
amino acid	acyl	CF ₃	Cl	NH-acetyl
amino acid	acyl	CF ₃	Cl	OH
amino acid	acyl	CF ₃	Cl	OMe
amino acid	acyl	CF ₃	Cl	OEt
amino acid	acyl	CF ₃	Cl	O-cyclopropyl
amino acid	acyl	CF ₃	Cl	O-acetyl
amino acid	acyl	CF ₃	Cl	SH
amino acid	acyl	CF ₃	Cl	SMe
amino acid	acyl	CF ₃	Cl	SEt
amino acid	acyl	CF ₃	Cl	S-cyclopropyl
amino acid	acyl	CF ₃	Cl	F
amino acid	acyl	CF ₃	Cl	Cl
amino acid	acyl	CF ₃	Cl	Br
amino acid	acyl	CF ₃	Cl	I
acyl	H	Br	Cl	H
acyl	H	Br	Cl	NH ₂
acyl	H	Br	Cl	NH-cyclopropyl
acyl	H	Br	Cl	NH-methyl
acyl	H	Br	Cl	NH-ethyl
acyl	H	Br	Cl	NH-acetyl

TABLE 14-continued

R ²	R ³	X ¹	X ²	Y	
5	acyl	H	Br	Cl	OH
	acyl	H	Br	Cl	OMe
	acyl	H	Br	Cl	OEt
	acyl	H	Br	Cl	O-cyclopropyl
	acyl	H	Br	Cl	O-acetyl
10	acyl	H	Br	Cl	SH
	acyl	H	Br	Cl	SMe
	acyl	H	Br	Cl	SEt
	acyl	H	Br	Cl	S-cyclopropyl
	acyl	H	Br	Cl	F
15	acyl	H	Br	Cl	Cl
	acyl	H	Br	Cl	Br
	acyl	H	Br	Cl	I
	acyl	acyl	Br	Cl	H
	acyl	acyl	Br	Cl	NH ₂
20	acyl	acyl	Br	Cl	NH-cyclopropyl
	acyl	acyl	Br	Cl	NH-methyl
	acyl	acyl	Br	Cl	NH-ethyl
	acyl	acyl	Br	Cl	NH-acetyl
	acyl	acyl	Br	Cl	OH
25	acyl	acyl	Br	Cl	OMe
	acyl	acyl	Br	Cl	OEt
	acyl	acyl	Br	Cl	O-cyclopropyl
	acyl	acyl	Br	Cl	O-acetyl
	acyl	acyl	Br	Cl	SH
30	acyl	acyl	Br	Cl	SMe
	acyl	acyl	Br	Cl	SEt
	acyl	acyl	Br	Cl	S-cyclopropyl
	acyl	acyl	Br	Cl	F
	acyl	acyl	Br	Cl	Cl
35	acyl	acyl	Br	Cl	Br
	acyl	acyl	Br	Cl	I
	acyl	amino acid	Br	Cl	H
	acyl	amino acid	Br	Cl	NH ₂
	acyl	amino acid	Br	Cl	NH-cyclopropyl
40	acyl	amino acid	Br	Cl	NH-methyl
	acyl	amino acid	Br	Cl	NH-ethyl
	acyl	amino acid	Br	Cl	NH-acetyl
	acyl	amino acid	Br	Cl	OH
	acyl	amino acid	Br	Cl	OMe
45	acyl	amino acid	Br	Cl	OEt
	acyl	amino acid	Br	Cl	O-cyclopropyl
	acyl	amino acid	Br	Cl	O-acetyl
	acyl	amino acid	Br	Cl	SH
	acyl	amino acid	Br	Cl	SMe
50	acyl	amino acid	Br	Cl	SEt
	acyl	amino acid	Br	Cl	S-cyclopropyl
	acyl	amino acid	Br	Cl	F
	acyl	amino acid	Br	Cl	Cl
	acyl	amino acid	Br	Cl	Br
55	acyl	amino acid	Br	Cl	I
	H	acyl	Br	Cl	H
	H	acyl	Br	Cl	NH ₂
	H	acyl	Br	Cl	NH-cyclopropyl
	H	acyl	Br	Cl	NH-methyl
60	H	acyl	Br	Cl	NH-ethyl
	H	acyl	Br	Cl	NH-acetyl
	H	acyl	Br	Cl	OH
	H	acyl	Br	Cl	OMe
	H	acyl	Br	Cl	OEt
65	H	acyl	Br	Cl	O-cyclopropyl
	H	acyl	Br	Cl	O-acetyl
	H	acyl	Br	Cl	SH
	H	acyl	Br	Cl	SMe
	H	acyl	Br	Cl	SEt
	H	acyl	Br	Cl	S-cyclopropyl
	H	acyl	Br	Cl	F
	H	acyl	Br	Cl	Cl
	H	acyl	Br	Cl	Br
	H	acyl	Br	Cl	I
	H	amino acid	Br	Cl	H
	H	amino acid	Br	Cl	NH ₂
	H	amino acid	Br	Cl	NH-cyclopropyl
	H	amino acid	Br	Cl	NH-methyl
	H	amino acid	Br	Cl	NH-ethyl
	H	amino acid	Br	Cl	NH-acetyl
	H	amino acid	Br	Cl	OH

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TABLE 14-continued

R ²	R ³	X ¹	X ²	Y
H	amino acid	Br	Cl	OMe
H	amino acid	Br	Cl	OEt
H	amino acid	Br	Cl	O-cyclopropyl
H	amino acid	Br	Cl	O-acetyl
H	amino acid	Br	Cl	SH
H	amino acid	Br	Cl	SMe
H	amino acid	Br	Cl	SEt
H	amino acid	Br	Cl	S-cyclopropyl
H	amino acid	Br	Cl	F
H	amino acid	Br	Cl	Cl
H	amino acid	Br	Cl	Br
H	amino acid	Br	Cl	I
amino acid	amino acid	Br	Cl	H
amino acid	amino acid	Br	Cl	NH ₂
amino acid	amino acid	Br	Cl	NH-cyclopropyl
amino acid	amino acid	Br	Cl	NH-methyl
amino acid	amino acid	Br	Cl	NH-ethyl
amino acid	amino acid	Br	Cl	NH-acetyl
amino acid	amino acid	Br	Cl	OH
amino acid	amino acid	Br	Cl	OMe
amino acid	amino acid	Br	Cl	OEt
amino acid	amino acid	Br	Cl	O-cyclopropyl
amino acid	amino acid	Br	Cl	O-acetyl
amino acid	amino acid	Br	Cl	SH
amino acid	amino acid	Br	Cl	SMe
amino acid	amino acid	Br	Cl	SEt
amino acid	amino acid	Br	Cl	S-cyclopropyl
amino acid	amino acid	Br	Cl	F
amino acid	amino acid	Br	Cl	Cl
amino acid	amino acid	Br	Cl	Br
amino acid	amino acid	Br	Cl	I
amino acid	H	Br	Cl	H
amino acid	H	Br	Cl	NH ₂
amino acid	H	Br	Cl	NH-cyclopropyl
amino acid	H	Br	Cl	NH-methyl
amino acid	H	Br	Cl	NH-ethyl
amino acid	H	Br	Cl	NH-acetyl
amino acid	H	Br	Cl	OH
amino acid	H	Br	Cl	OMe
amino acid	H	Br	Cl	OEt
amino acid	H	Br	Cl	O-cyclopropyl
amino acid	H	Br	Cl	O-acetyl
amino acid	H	Br	Cl	SH
amino acid	H	Br	Cl	SMe
amino acid	H	Br	Cl	SEt
amino acid	H	Br	Cl	S-cyclopropyl
amino acid	H	Br	Cl	F
amino acid	H	Br	Cl	Cl
amino acid	H	Br	Cl	Br
amino acid	H	Br	Cl	I
amino acid	acyl	Br	Cl	H
amino acid	acyl	Br	Cl	NH ₂
amino acid	acyl	Br	Cl	NH-cyclopropyl
amino acid	acyl	Br	Cl	NH-methyl
amino acid	acyl	Br	Cl	NH-ethyl
amino acid	acyl	Br	Cl	NH-acetyl
amino acid	acyl	Br	Cl	OH
amino acid	acyl	Br	Cl	OMe
amino acid	acyl	Br	Cl	OEt
amino acid	acyl	Br	Cl	O-cyclopropyl
amino acid	acyl	Br	Cl	O-acetyl
amino acid	acyl	Br	Cl	SH
amino acid	acyl	Br	Cl	SMe
amino acid	acyl	Br	Cl	SEt
amino acid	acyl	Br	Cl	S-cyclopropyl
amino acid	acyl	Br	Cl	F
amino acid	acyl	Br	Cl	Cl
amino acid	acyl	Br	Cl	Br
amino acid	acyl	Br	Cl	I
acyl	H	Cl	Cl	H
acyl	H	Cl	Cl	NH ₂
acyl	H	Cl	Cl	NH-cyclopropyl
acyl	H	Cl	Cl	NH-methyl
acyl	H	Cl	Cl	NH-ethyl
acyl	H	Cl	Cl	NH-acetyl
acyl	H	Cl	Cl	OH
acyl	H	Cl	Cl	OMe

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TABLE 14-continued

	R ²	R ³	X ¹	X ²	Y
5	acyl	H	Cl	Cl	OEt
	acyl	H	Cl	Cl	O-cyclopropyl
	acyl	H	Cl	Cl	O-acetyl
	acyl	H	Cl	Cl	SH
	acyl	H	Cl	Cl	SMe
	acyl	H	Cl	Cl	SEt
10	acyl	H	Cl	Cl	S-cyclopropyl
	acyl	H	Cl	Cl	F
	acyl	H	Cl	Cl	Cl
	acyl	H	Cl	Cl	Br
	acyl	H	Cl	Cl	I
	acyl	acyl	Cl	Cl	H
15	acyl	acyl	Cl	Cl	NH ₂
	acyl	acyl	Cl	Cl	NH-cyclopropyl
	acyl	acyl	Cl	Cl	NH-methyl
	acyl	acyl	Cl	Cl	NH-ethyl
	acyl	acyl	Cl	Cl	NH-acetyl
	acyl	acyl	Cl	Cl	OH
20	acyl	acyl	Cl	Cl	OMe
	acyl	acyl	Cl	Cl	OEt
	acyl	acyl	Cl	Cl	O-cyclopropyl
	acyl	acyl	Cl	Cl	O-acetyl
	acyl	acyl	Cl	Cl	SH
	acyl	acyl	Cl	Cl	SMe
	acyl	acyl	Cl	Cl	SEt
25	acyl	acyl	Cl	Cl	S-cyclopropyl
	acyl	acyl	Cl	Cl	F
	acyl	acyl	Cl	Cl	Cl
	acyl	acyl	Cl	Cl	Br
	acyl	acyl	Cl	Cl	I
	acyl	amino acid	Cl	Cl	H
30	acyl	amino acid	Cl	Cl	NH ₂
	acyl	amino acid	Cl	Cl	NH-cyclopropyl
	acyl	amino acid	Cl	Cl	NH-methyl
	acyl	amino acid	Cl	Cl	NH-ethyl
	acyl	amino acid	Cl	Cl	NH-acetyl
	acyl	amino acid	Cl	Cl	OH
35	acyl	amino acid	Cl	Cl	OMe
	acyl	amino acid	Cl	Cl	OEt
	acyl	amino acid	Cl	Cl	O-cyclopropyl
	acyl	amino acid	Cl	Cl	O-acetyl
	acyl	amino acid	Cl	Cl	SH
	acyl	amino acid	Cl	Cl	SMe
40	acyl	amino acid	Cl	Cl	SEt
	acyl	amino acid	Cl	Cl	S-cyclopropyl
	acyl	amino acid	Cl	Cl	F
	acyl	amino acid	Cl	Cl	Cl
	acyl	amino acid	Cl	Cl	Br
	acyl	amino acid	Cl	Cl	I
	H	acyl	Cl	Cl	H
45	H	acyl	Cl	Cl	NH ₂
	H	acyl	Cl	Cl	NH-cyclopropyl
	H	acyl	Cl	Cl	NH-methyl
	H	acyl	Cl	Cl	NH-ethyl
	H	acyl	Cl	Cl	NH-acetyl
	H	acyl	Cl	Cl	OH
50	H	acyl	Cl	Cl	OMe
	H	acyl	Cl	Cl	OEt
	H	acyl	Cl	Cl	O-cyclopropyl
	H	acyl	Cl	Cl	O-acetyl
	H	acyl	Cl	Cl	SH
	H	acyl	Cl	Cl	SMe
55	H	acyl	Cl	Cl	SEt
	H	acyl	Cl	Cl	S-cyclopropyl
	H	acyl	Cl	Cl	F
	H	acyl	Cl	Cl	Cl
	H	acyl	Cl	Cl	Br
	H	acyl	Cl	Cl	I
	H	amino acid	Cl	Cl	H
60	H	amino acid	Cl	Cl	NH ₂
	H	amino acid	Cl	Cl	NH-cyclopropyl
	H	amino acid	Cl	Cl	NH-methyl
	H	amino acid	Cl	Cl	NH-ethyl
	H	amino acid	Cl	Cl	NH-acetyl
	H	amino acid	Cl	Cl	OH
65	H	amino acid	Cl	Cl	OMe
	H	amino acid	Cl	Cl	OEt

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TABLE 14-continued

R ²	R ³	X ¹	X ²	Y
H	amino acid	Cl	Cl	O-cyclopropyl
H	amino acid	Cl	Cl	O-acetyl
H	amino acid	Cl	Cl	SH
H	amino acid	Cl	Cl	SMe
H	amino acid	Cl	Cl	SEt
H	amino acid	Cl	Cl	S-cyclopropyl
H	amino acid	Cl	Cl	F
H	amino acid	Cl	Cl	Cl
H	amino acid	Cl	Cl	Br
H	amino acid	Cl	Cl	I
amino acid	amino acid	Cl	Cl	H
amino acid	amino acid	Cl	Cl	NH ₂
amino acid	amino acid	Cl	Cl	NH-cyclopropyl
amino acid	amino acid	Cl	Cl	NH-methyl
amino acid	amino acid	Cl	Cl	NH-ethyl
amino acid	amino acid	Cl	Cl	NH-acetyl
amino acid	amino acid	Cl	Cl	OH
amino acid	amino acid	Cl	Cl	OMe
amino acid	amino acid	Cl	Cl	OEt
amino acid	amino acid	Cl	Cl	O-cyclopropyl
amino acid	amino acid	Cl	Cl	O-acetyl
amino acid	amino acid	Cl	Cl	SH
amino acid	amino acid	Cl	Cl	SMe
amino acid	amino acid	Cl	Cl	SEt
amino acid	amino acid	Cl	Cl	S-cyclopropyl
amino acid	amino acid	Cl	Cl	F
amino acid	amino acid	Cl	Cl	Cl
amino acid	amino acid	Cl	Cl	Br
amino acid	amino acid	Cl	Cl	I
amino acid	H	Cl	Cl	H
amino acid	H	Cl	Cl	NH ₂
amino acid	H	Cl	Cl	NH-cyclopropyl
amino acid	H	Cl	Cl	NH-methyl
amino acid	H	Cl	Cl	NH-ethyl
amino acid	H	Cl	Cl	NH-acetyl
amino acid	H	Cl	Cl	OH
amino acid	H	Cl	Cl	OMe
amino acid	H	Cl	Cl	OEt
amino acid	H	Cl	Cl	O-cyclopropyl
amino acid	H	Cl	Cl	O-acetyl
amino acid	H	Cl	Cl	SH
amino acid	H	Cl	Cl	SMe
amino acid	H	Cl	Cl	SEt
amino acid	H	Cl	Cl	S-cyclopropyl
amino acid	H	Cl	Cl	F
amino acid	H	Cl	Cl	Cl
amino acid	H	Cl	Cl	Br
amino acid	H	Cl	Cl	I
amino acid	H	Cl	Cl	H
acyl	acyl	Cl	Cl	NH ₂
amino acid	acyl	Cl	Cl	NH-cyclopropyl
amino acid	acyl	Cl	Cl	NH-methyl
amino acid	acyl	Cl	Cl	NH-ethyl
amino acid	acyl	Cl	Cl	NH-acetyl
amino acid	acyl	Cl	Cl	OH
amino acid	acyl	Cl	Cl	OMe
amino acid	acyl	Cl	Cl	OEt
amino acid	acyl	Cl	Cl	O-cyclopropyl
amino acid	acyl	Cl	Cl	O-acetyl
amino acid	acyl	Cl	Cl	SH
amino acid	acyl	Cl	Cl	SMe
amino acid	acyl	Cl	Cl	SEt
amino acid	acyl	Cl	Cl	S-cyclopropyl
amino acid	acyl	Cl	Cl	F
amino acid	acyl	Cl	Cl	Cl
amino acid	acyl	Cl	Cl	Br
amino acid	acyl	Cl	Cl	I
acyl	H	F	Cl	H
acyl	H	F	Cl	NH ₂
acyl	H	F	Cl	NH-cyclopropyl
acyl	H	F	Cl	NH-methyl
acyl	H	F	Cl	NH-ethyl
acyl	H	F	Cl	NH-acetyl
acyl	H	F	Cl	OH
acyl	H	F	Cl	OMe
acyl	H	F	Cl	OEt
acyl	H	F	Cl	O-cyclopropyl
acyl	H	F	Cl	O-acetyl

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TABLE 14-continued

R ²	R ³	X ¹	X ²	Y
5 acyl	H	F	Cl	O-acetyl
acyl	H	F	Cl	SH
acyl	H	F	Cl	SMe
acyl	H	F	Cl	SEt
acyl	H	F	Cl	S-cyclopropyl
acyl	H	F	Cl	F
10 acyl	H	F	Cl	Cl
acyl	H	F	Cl	Br
acyl	H	F	Cl	I
acyl	acyl	F	Cl	H
acyl	acyl	F	Cl	NH ₂
acyl	acyl	F	Cl	NH-cyclopropyl
15 acyl	acyl	F	Cl	NH-methyl
acyl	acyl	F	Cl	NH-ethyl
acyl	acyl	F	Cl	NH-acetyl
acyl	acyl	F	Cl	OH
acyl	acyl	F	Cl	OMe
acyl	acyl	F	Cl	OEt
acyl	acyl	F	Cl	O-cyclopropyl
20 acyl	acyl	F	Cl	O-acetyl
acyl	acyl	F	Cl	SH
acyl	acyl	F	Cl	SMe
acyl	acyl	F	Cl	SEt
acyl	acyl	F	Cl	S-cyclopropyl
acyl	acyl	F	Cl	F
25 acyl	acyl	F	Cl	Cl
acyl	acyl	F	Cl	Br
acyl	acyl	F	Cl	I
acyl	amino acid	F	Cl	H
acyl	amino acid	F	Cl	NH ₂
acyl	amino acid	F	Cl	NH-cyclopropyl
acyl	amino acid	F	Cl	NH-methyl
acyl	amino acid	F	Cl	NH-ethyl
acyl	amino acid	F	Cl	NH-acetyl
acyl	amino acid	F	Cl	OH
acyl	amino acid	F	Cl	OMe
acyl	amino acid	F	Cl	OEt
acyl	amino acid	F	Cl	O-cyclopropyl
acyl	amino acid	F	Cl	O-acetyl
acyl	amino acid	F	Cl	SH
acyl	amino acid	F	Cl	SMe
acyl	amino acid	F	Cl	SEt
acyl	amino acid	F	Cl	S-cyclopropyl
acyl	amino acid	F	Cl	F
40 acyl	amino acid	F	Cl	Cl
acyl	amino acid	F	Cl	Br
acyl	amino acid	F	Cl	I
H	acyl	F	Cl	H
H	acyl	F	Cl	NH ₂
H	acyl	F	Cl	NH-cyclopropyl
H	acyl	F	Cl	NH-methyl
H	acyl	F	Cl	NH-ethyl
H	acyl	F	Cl	NH-acetyl
H	acyl	F	Cl	OH
H	acyl	F	Cl	OMe
H	acyl	F	Cl	OEt
H	acyl	F	Cl	O-cyclopropyl
H	acyl	F	Cl	O-acetyl
H	acyl	F	Cl	SH
H	acyl	F	Cl	SMe
H	acyl	F	Cl	SEt
H	acyl	F	Cl	S-cyclopropyl
H	acyl	F	Cl	F
50 H	acyl	F	Cl	Cl
H	acyl	F	Cl	Br
H	acyl	F	Cl	I
H	acyl	F	Cl	H
H	acyl	F	Cl	NH ₂
H	acyl	F	Cl	NH-cyclopropyl
H	acyl	F	Cl	NH-methyl
H	acyl	F	Cl	NH-ethyl
H	acyl	F	Cl	NH-acetyl
H	acyl	F	Cl	OH
H	acyl	F	Cl	OMe
H	acyl	F	Cl	OEt
H	acyl	F	Cl	O-cyclopropyl
H	acyl	F	Cl	O-acetyl
H	acyl	F	Cl	SH
H	acyl	F	Cl	SMe
H	acyl	F	Cl	SEt
H	acyl	F	Cl	S-cyclopropyl
55 H	acyl	F	Cl	F
H	acyl	F	Cl	Cl
H	acyl	F	Cl	Br
H	acyl	F	Cl	I
H	amino acid	F	Cl	H
H	amino acid	F	Cl	NH ₂
H	amino acid	F	Cl	NH-cyclopropyl
H	amino acid	F	Cl	NH-methyl
H	amino acid	F	Cl	NH-ethyl
H	amino acid	F	Cl	NH-acetyl
H	amino acid	F	Cl	OH
H	amino acid	F	Cl	OMe
H	amino acid	F	Cl	OEt
H	amino acid	F	Cl	O-cyclopropyl
H	amino acid	F	Cl	O-acetyl

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TABLE 14-continued

R ²	R ³	X ¹	X ²	Y
H	amino acid	F	Cl	SH
H	amino acid	F	Cl	SMe
H	amino acid	F	Cl	SEt
H	amino acid	F	Cl	S-cyclopropyl
H	amino acid	F	Cl	F
H	amino acid	F	Cl	Cl
H	amino acid	F	Cl	Br
H	amino acid	F	Cl	I
amino acid	amino acid	F	Cl	H
amino acid	amino acid	F	Cl	NH ₂
amino acid	amino acid	F	Cl	NH-cyclopropyl
amino acid	amino acid	F	Cl	NH-methyl
amino acid	amino acid	F	Cl	NH-ethyl
amino acid	amino acid	F	Cl	NH-acetyl
amino acid	amino acid	F	Cl	OH
amino acid	amino acid	F	Cl	OMe
amino acid	amino acid	F	Cl	OEt
amino acid	amino acid	F	Cl	O-cyclopropyl
amino acid	amino acid	F	Cl	O-acetyl
amino acid	amino acid	F	Cl	SH
amino acid	amino acid	F	Cl	SMe
amino acid	amino acid	F	Cl	SEt
amino acid	amino acid	F	Cl	S-cyclopropyl
amino acid	amino acid	F	Cl	F
amino acid	amino acid	F	Cl	Cl
amino acid	amino acid	F	Cl	Br
amino acid	amino acid	F	Cl	I
amino acid	H	F	Cl	H
amino acid	H	F	Cl	NH ₂
amino acid	H	F	Cl	NH-cyclopropyl
amino acid	H	F	Cl	NH-methyl
amino acid	H	F	Cl	NH-ethyl
amino acid	H	F	Cl	NH-acetyl
amino acid	H	F	Cl	OH
amino acid	H	F	Cl	OMe
amino acid	H	F	Cl	OEt
amino acid	H	F	Cl	O-cyclopropyl
amino acid	H	F	Cl	O-acetyl
amino acid	H	F	Cl	SH
amino acid	H	F	Cl	SMe
amino acid	H	F	Cl	SEt
amino acid	H	F	Cl	S-cyclopropyl
amino acid	H	F	Cl	F
amino acid	H	F	Cl	Cl
amino acid	H	F	Cl	Br
amino acid	H	F	Cl	I
amino acid	acyl	F	Cl	H
amino acid	acyl	F	Cl	NH ₂
amino acid	acyl	F	Cl	NH-cyclopropyl
amino acid	acyl	F	Cl	NH-methyl
amino acid	acyl	F	Cl	NH-ethyl
amino acid	acyl	F	Cl	NH-acetyl
amino acid	acyl	F	Cl	OH
amino acid	acyl	F	Cl	OMe
amino acid	acyl	F	Cl	OEt
amino acid	acyl	F	Cl	O-cyclopropyl
amino acid	acyl	F	Cl	O-acetyl
amino acid	acyl	F	Cl	SH
amino acid	acyl	F	Cl	SMe
amino acid	acyl	F	Cl	SEt
amino acid	acyl	F	Cl	S-cyclopropyl
amino acid	acyl	F	Cl	F
amino acid	acyl	F	Cl	Cl
amino acid	acyl	F	Cl	Br
amino acid	acyl	F	Cl	I
acyl	H	NH ₂	Cl	H
acyl	H	NH ₂	Cl	NH ₂
acyl	H	NH ₂	Cl	NH-cyclopropyl
acyl	H	NH ₂	Cl	NH-methyl
acyl	H	NH ₂	Cl	NH-ethyl
acyl	H	NH ₂	Cl	NH-acetyl
acyl	H	NH ₂	Cl	OH
acyl	H	NH ₂	Cl	OMe
acyl	H	NH ₂	Cl	OEt
acyl	H	NH ₂	Cl	O-cyclopropyl
acyl	H	NH ₂	Cl	O-acetyl
acyl	H	NH ₂	Cl	SH
acyl	H	NH ₂	Cl	SMe
acyl	H	NH ₂	Cl	SEt
acyl	H	NH ₂	Cl	S-cyclopropyl
acyl	H	NH ₂	Cl	F
acyl	H	NH ₂	Cl	Cl
acyl	H	NH ₂	Cl	Br
acyl	H	NH ₂	Cl	I
acyl	H	NH ₂	Cl	H
acyl	H	NH ₂	Cl	NH ₂
acyl	H	NH ₂	Cl	NH-cyclopropyl
acyl	H	NH ₂	Cl	NH-methyl
acyl	H	NH ₂	Cl	NH-ethyl
acyl	H	NH ₂	Cl	NH-acetyl
acyl	H	NH ₂	Cl	OH
acyl	H	NH ₂	Cl	OMe
acyl	H	NH ₂	Cl	OEt
acyl	H	NH ₂	Cl	O-cyclopropyl
acyl	H	NH ₂	Cl	O-acetyl
acyl	H	NH ₂	Cl	SH
acyl	H	NH ₂	Cl	SMe

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TABLE 14-continued

R ²	R ³	X ¹	X ²	Y	
5	acyl	H	NH ₂	Cl	SMe
	acyl	H	NH ₂	Cl	SEt
	acyl	H	NH ₂	Cl	S-cyclopropyl
	acyl	H	NH ₂	Cl	F
	acyl	H	NH ₂	Cl	Cl
10	acyl	H	NH ₂	Cl	Br
	acyl	H	NH ₂	Cl	I
	acyl	acyl	NH ₂	Cl	H
	acyl	acyl	NH ₂	Cl	NH ₂
	acyl	acyl	NH ₂	Cl	NH-cyclopropyl
15	acyl	acyl	NH ₂	Cl	NH-methyl
	acyl	acyl	NH ₂	Cl	NH-ethyl
	acyl	acyl	NH ₂	Cl	NH-acetyl
	acyl	acyl	NH ₂	Cl	OH
	acyl	acyl	NH ₂	Cl	OMe
20	acyl	acyl	NH ₂	Cl	OEt
	acyl	acyl	NH ₂	Cl	O-cyclopropyl
	acyl	acyl	NH ₂	Cl	O-acetyl
	acyl	acyl	NH ₂	Cl	SH
	acyl	acyl	NH ₂	Cl	SMe
25	acyl	acyl	NH ₂	Cl	SEt
	acyl	acyl	NH ₂	Cl	S-cyclopropyl
	acyl	acyl	NH ₂	Cl	F
	acyl	acyl	NH ₂	Cl	Cl
	acyl	acyl	NH ₂	Cl	Br
30	acyl	acyl	NH ₂	Cl	I
	acyl	amino acid	NH ₂	Cl	H
	acyl	amino acid	NH ₂	Cl	NH ₂
	acyl	amino acid	NH ₂	Cl	NH-cyclopropyl
	acyl	amino acid	NH ₂	Cl	NH-methyl
35	acyl	amino acid	NH ₂	Cl	NH-ethyl
	acyl	amino acid	NH ₂	Cl	NH-acetyl
	acyl	amino acid	NH ₂	Cl	OH
	acyl	amino acid	NH ₂	Cl	OMe
	acyl	amino acid	NH ₂	Cl	OEt
40	acyl	amino acid	NH ₂	Cl	O-cyclopropyl
	acyl	amino acid	NH ₂	Cl	O-acetyl
	acyl	amino acid	NH ₂	Cl	SH
	acyl	amino acid	NH ₂	Cl	SMe
	acyl	amino acid	NH ₂	Cl	SEt
45	acyl	amino acid	NH ₂	Cl	S-cyclopropyl
	acyl	amino acid	NH ₂	Cl	F
	acyl	amino acid	NH ₂	Cl	Cl
	acyl	amino acid	NH ₂	Cl	Br
	acyl	amino acid	NH ₂	Cl	I
50	H	acyl	NH ₂	Cl	H
	H	acyl	NH ₂	Cl	NH ₂
	H	acyl	NH ₂	Cl	NH-cyclopropyl
	H	acyl	NH ₂	Cl	NH-methyl
	H	acyl	NH ₂	Cl	NH-ethyl
55	H	acyl	NH ₂	Cl	NH-acetyl
	H	acyl	NH ₂	Cl	OH
	H	acyl	NH ₂	Cl	OMe
	H	acyl	NH ₂	Cl	OEt
	H	acyl	NH ₂	Cl	O-cyclopropyl
60	H	acyl	NH ₂	Cl	O-acetyl
	H	acyl	NH ₂	Cl	SH
	H	acyl	NH ₂	Cl	SMe
	H	acyl	NH ₂	Cl	SEt
	H	acyl	NH ₂	Cl	S-cyclopropyl
65	H	acyl	NH ₂	Cl	F
	H	acyl	NH ₂	Cl	Cl
	H	acyl	NH ₂	Cl	Br
	H	acyl	NH ₂	Cl	I
	H	amino acid	NH ₂	Cl	H
70	H	amino acid	NH ₂	Cl	NH ₂
	H	amino acid	NH ₂	Cl	NH-cyclopropyl
	H	amino acid	NH ₂	Cl	NH-methyl
	H	amino acid	NH ₂	Cl	NH-ethyl
	H	amino acid	NH ₂	Cl	NH-acetyl
75	H	amino acid	NH ₂	Cl	OH
	H	amino acid	NH ₂	Cl	OMe
	H	amino acid	NH ₂	Cl	OEt
	H	amino acid	NH ₂	Cl	O-cyclopropyl
	H	amino acid	NH ₂	Cl	O-acetyl
80	H	amino acid	NH ₂	Cl	SH
	H	amino acid	NH ₂	Cl	SMe
	H	amino acid	NH ₂	Cl	

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TABLE 14-continued

R ²	R ³	X ¹	X ²	Y
H	amino acid	NH ₂	Cl	SEt
H	amino acid	NH ₂	Cl	S-cyclopropyl
H	amino acid	NH ₂	Cl	F
H	amino acid	NH ₂	Cl	Cl
H	amino acid	NH ₂	Cl	Br
H	amino acid	NH ₂	Cl	I
amino acid	amino acid	NH ₂	Cl	H
amino acid	amino acid	NH ₂	Cl	NH ₂
amino acid	amino acid	NH ₂	Cl	NH-cyclopropyl
amino acid	amino acid	NH ₂	Cl	NH-methyl
amino acid	amino acid	NH ₂	Cl	NH-ethyl
amino acid	amino acid	NH ₂	Cl	NH-acetyl
amino acid	amino acid	NH ₂	Cl	OH
amino acid	amino acid	NH ₂	Cl	OMe
amino acid	amino acid	NH ₂	Cl	OEt
amino acid	amino acid	NH ₂	Cl	O-cyclopropyl
amino acid	amino acid	NH ₂	Cl	O-acetyl
amino acid	amino acid	NH ₂	Cl	SH
amino acid	amino acid	NH ₂	Cl	SMe
amino acid	amino acid	NH ₂	Cl	SEt
amino acid	amino acid	NH ₂	Cl	S-cyclopropyl
amino acid	amino acid	NH ₂	Cl	F
amino acid	amino acid	NH ₂	Cl	Cl
amino acid	amino acid	NH ₂	Cl	Br
amino acid	amino acid	NH ₂	Cl	I
amino acid	H	NH ₂	Cl	H
amino acid	H	NH ₂	Cl	NH ₂
amino acid	H	NH ₂	Cl	NH-cyclopropyl
amino acid	H	NH ₂	Cl	NH-methyl
amino acid	H	NH ₂	Cl	NH-ethyl
amino acid	H	NH ₂	Cl	NH-acetyl
amino acid	H	NH ₂	Cl	OH
amino acid	H	NH ₂	Cl	OMe
amino acid	H	NH ₂	Cl	OEt
amino acid	H	NH ₂	Cl	O-cyclopropyl
amino acid	H	NH ₂	Cl	O-acetyl
amino acid	H	NH ₂	Cl	SH
amino acid	H	NH ₂	Cl	SMe
amino acid	H	NH ₂	Cl	SEt
amino acid	H	NH ₂	Cl	S-cyclopropyl
amino acid	H	NH ₂	Cl	F
amino acid	H	NH ₂	Cl	Cl
amino acid	H	NH ₂	Cl	Br
amino acid	H	NH ₂	Cl	I
amino acid	acyl	NH ₂	Cl	H
amino acid	acyl	NH ₂	Cl	NH ₂
amino acid	acyl	NH ₂	Cl	NH-cyclopropyl
amino acid	acyl	NH ₂	Cl	NH-methyl
amino acid	acyl	NH ₂	Cl	NH-ethyl
amino acid	acyl	NH ₂	Cl	NH-acetyl
amino acid	acyl	NH ₂	Cl	OH
amino acid	acyl	NH ₂	Cl	OMe
amino acid	acyl	NH ₂	Cl	SEt
amino acid	acyl	NH ₂	Cl	O-cyclopropyl
amino acid	acyl	NH ₂	Cl	O-acetyl
amino acid	acyl	NH ₂	Cl	SH
amino acid	acyl	NH ₂	Cl	SMe
amino acid	acyl	NH ₂	Cl	SEt
amino acid	acyl	NH ₂	Cl	S-cyclopropyl
amino acid	acyl	NH ₂	Cl	F
amino acid	acyl	NH ₂	Cl	Cl
amino acid	acyl	NH ₂	Cl	Br
amino acid	acyl	NH ₂	Cl	I
acyl	H	SH	Cl	H
acyl	H	SH	Cl	NH ₂
acyl	H	SH	Cl	NH-cyclopropyl
acyl	H	SH	Cl	NH-methyl
acyl	H	SH	Cl	NH-ethyl
acyl	H	SH	Cl	NH-acetyl
acyl	H	SH	Cl	OH
acyl	H	SH	Cl	OMe
acyl	H	SH	Cl	OEt
acyl	H	SH	Cl	O-cyclopropyl
acyl	H	SH	Cl	O-acetyl
acyl	H	SH	Cl	SH
acyl	H	SH	Cl	SMe
acyl	H	SH	Cl	SEt

TABLE 14-continued

R ²	R ³	X ¹	X ²	Y	
5	acyl	H	SH	Cl	S-cyclopropyl
	acyl	H	SH	Cl	F
	acyl	H	SH	Cl	Cl
	acyl	H	SH	Cl	Br
	acyl	H	SH	Cl	I
	acyl	acyl	SH	Cl	H
10	acyl	acyl	SH	Cl	NH ₂
	acyl	acyl	SH	Cl	NH-cyclopropyl
	acyl	acyl	SH	Cl	NH-methyl
	acyl	acyl	SH	Cl	NH-ethyl
	acyl	acyl	SH	Cl	NH-acetyl
	acyl	acyl	SH	Cl	OH
15	acyl	acyl	SH	Cl	OMe
	acyl	acyl	SH	Cl	OEt
	acyl	acyl	SH	Cl	O-cyclopropyl
	acyl	acyl	SH	Cl	O-acetyl
	acyl	acyl	SH	Cl	SH
	acyl	acyl	SH	Cl	SMe
20	acyl	acyl	SH	Cl	SEt
	acyl	acyl	SH	Cl	S-cyclopropyl
	acyl	acyl	SH	Cl	F
	acyl	acyl	SH	Cl	Cl
	acyl	acyl	SH	Cl	Br
	acyl	acyl	SH	Cl	I
25	acyl	amino acid	SH	Cl	H
	acyl	amino acid	SH	Cl	NH ₂
	acyl	amino acid	SH	Cl	NH-cyclopropyl
	acyl	amino acid	SH	Cl	NH-methyl
	acyl	amino acid	SH	Cl	NH-ethyl
	acyl	amino acid	SH	Cl	NH-acetyl
30	acyl	amino acid	SH	Cl	OH
	acyl	amino acid	SH	Cl	OMe
	acyl	amino acid	SH	Cl	SEt
	acyl	amino acid	SH	Cl	O-cyclopropyl
	acyl	amino acid	SH	Cl	O-acetyl
	acyl	amino acid	SH	Cl	SH
35	acyl	amino acid	SH	Cl	SMe
	acyl	amino acid	SH	Cl	SEt
	acyl	amino acid	SH	Cl	S-cyclopropyl
	acyl	amino acid	SH	Cl	F
	acyl	amino acid	SH	Cl	Cl
	acyl	amino acid	SH	Cl	Br
40	acyl	amino acid	SH	Cl	I
	H	acyl	SH	Cl	H
	H	acyl	SH	Cl	NH ₂
	H	acyl	SH	Cl	NH-cyclopropyl
	H	acyl	SH	Cl	NH-methyl
	H	acyl	SH	Cl	NH-ethyl
45	H	acyl	SH	Cl	NH-acetyl
	H	acyl	SH	Cl	OH
	H	acyl	SH	Cl	OMe
	H	acyl	SH	Cl	SEt
	H	acyl	SH	Cl	O-cyclopropyl
	H	acyl	SH	Cl	O-acetyl
50	H	acyl	SH	Cl	SH
	H	acyl	SH	Cl	SMe
	H	acyl	SH	Cl	SEt
	H	acyl	SH	Cl	S-cyclopropyl
	H	acyl	SH	Cl	F
	H	acyl	SH	Cl	Cl
55	H	acyl	SH	Cl	Br
	H	acyl	SH	Cl	I
	H	amino acid	SH	Cl	H
	H	amino acid	SH	Cl	NH ₂
	H	amino acid	SH	Cl	NH-cyclopropyl
	H	amino acid	SH	Cl	NH-methyl
60	H	amino acid	SH	Cl	NH-ethyl
	H	amino acid	SH	Cl	NH-acetyl
	H	amino acid	SH	Cl	OH
	H	amino acid	SH	Cl	OMe
	H	amino acid	SH	Cl	OEt
	H	amino acid	SH	Cl	O-cyclopropyl
65	H	amino acid	SH	Cl	O-acetyl
	H	amino acid	SH	Cl	SH
	H	amino acid	SH	Cl	SMe
	H	amino acid	SH	Cl	SEt
	H	amino acid	SH	Cl	S-cyclopropyl

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TABLE 14-continued

R ²	R ³	X ¹	X ²	Y
H	amino acid	SH	Cl	F
H	amino acid	SH	Cl	Cl
H	amino acid	SH	Cl	Br
H	amino acid	SH	Cl	I
amino acid	amino acid	SH	Cl	H
amino acid	amino acid	SH	Cl	NH ₂
amino acid	amino acid	SH	Cl	NH-cyclopropyl
amino acid	amino acid	SH	Cl	NH-methyl
amino acid	amino acid	SH	Cl	NH-ethyl
amino acid	amino acid	SH	Cl	NH-acetyl
amino acid	amino acid	SH	Cl	OH
amino acid	amino acid	SH	Cl	OMe
amino acid	amino acid	SH	Cl	SEt
amino acid	amino acid	SH	Cl	O-cyclopropyl
amino acid	amino acid	SH	Cl	O-acetyl
amino acid	amino acid	SH	Cl	SH
amino acid	amino acid	SH	Cl	SMe
amino acid	amino acid	SH	Cl	SEt
amino acid	amino acid	SH	Cl	S-cyclopropyl
amino acid	amino acid	SH	Cl	F
amino acid	amino acid	SH	Cl	Cl
amino acid	amino acid	SH	Cl	Br
amino acid	amino acid	SH	Cl	I
amino acid	H	SH	Cl	H
amino acid	H	SH	Cl	NH ₂
amino acid	H	SH	Cl	NH-cyclopropyl
amino acid	H	SH	Cl	NH-methyl
amino acid	H	SH	Cl	NH-ethyl
amino acid	H	SH	Cl	NH-acetyl
amino acid	H	SH	Cl	OH
amino acid	H	SH	Cl	OMe
amino acid	H	SH	Cl	SEt
amino acid	H	SH	Cl	O-cyclopropyl
amino acid	H	SH	Cl	O-acetyl
amino acid	H	SH	Cl	SH
amino acid	H	SH	Cl	SMe
amino acid	H	SH	Cl	SEt
amino acid	H	SH	Cl	S-cyclopropyl
amino acid	H	SH	Cl	F
amino acid	H	SH	Cl	Cl
amino acid	H	SH	Cl	Br
amino acid	H	SH	Cl	I
amino acid	acyl	SH	Cl	H
amino acid	acyl	SH	Cl	NH ₂
amino acid	acyl	SH	Cl	NH-cyclopropyl
amino acid	acyl	SH	Cl	NH-methyl
amino acid	acyl	SH	Cl	NH-ethyl
amino acid	acyl	SH	Cl	NH-acetyl
amino acid	acyl	SH	Cl	OH
amino acid	acyl	SH	Cl	OMe
amino acid	acyl	SH	Cl	OEt
amino acid	acyl	SH	Cl	O-cyclopropyl
amino acid	acyl	SH	Cl	O-acetyl
amino acid	acyl	SH	Cl	SH
amino acid	acyl	SH	Cl	SMe
amino acid	acyl	SH	Cl	SEt
amino acid	acyl	SH	Cl	S-cyclopropyl
amino acid	acyl	SH	Cl	F
amino acid	acyl	SH	Cl	Cl
amino acid	acyl	SH	Cl	Br
amino acid	acyl	SH	Cl	I
acyl	H	OH	Cl	H
acyl	H	OH	Cl	NH ₂
acyl	H	OH	Cl	NH-cyclopropyl
acyl	H	OH	Cl	NH-methyl
acyl	H	OH	Cl	NH-ethyl
acyl	H	OH	Cl	NH-acetyl
acyl	H	OH	Cl	OH
acyl	H	OH	Cl	OMe
acyl	H	OH	Cl	OEt
acyl	H	OH	Cl	O-cyclopropyl
acyl	H	OH	Cl	O-acetyl
acyl	H	OH	Cl	SH
acyl	H	OH	Cl	SMe
acyl	H	OH	Cl	SEt
acyl	H	OH	Cl	S-cyclopropyl
acyl	H	OH	Cl	F

TABLE 14-continued

	R ²	R ³	X ¹	X ²	Y
5	acyl	H	OH	Cl	Cl
	acyl	H	OH	Cl	Br
	acyl	H	OH	Cl	I
	acyl	acyl	OH	Cl	H
	acyl	acyl	OH	Cl	NH ₂
	acyl	acyl	OH	Cl	NH-cyclopropyl
10	acyl	acyl	OH	Cl	NH-methyl
	acyl	acyl	OH	Cl	NH-ethyl
	acyl	acyl	OH	Cl	NH-acetyl
	acyl	acyl	OH	Cl	OH
	acyl	acyl	OH	Cl	OMe
	acyl	acyl	OH	Cl	OEt
15	acyl	acyl	OH	Cl	O-cyclopropyl
	acyl	acyl	OH	Cl	O-acetyl
	acyl	acyl	OH	Cl	SH
	acyl	acyl	OH	Cl	SMe
	acyl	acyl	OH	Cl	SEt
	acyl	acyl	OH	Cl	S-cyclopropyl
20	acyl	acyl	OH	Cl	F
	acyl	acyl	OH	Cl	Cl
	acyl	acyl	OH	Cl	Br
	acyl	acyl	OH	Cl	I
	acyl	amino acid	OH	Cl	H
	acyl	amino acid	OH	Cl	NH ₂
25	acyl	amino acid	OH	Cl	NH-cyclopropyl
	acyl	amino acid	OH	Cl	NH-methyl
	acyl	amino acid	OH	Cl	NH-ethyl
	acyl	amino acid	OH	Cl	NH-acetyl
	acyl	amino acid	OH	Cl	OH
	acyl	amino acid	OH	Cl	OMe
	acyl	amino acid	OH	Cl	OEt
30	acyl	amino acid	OH	Cl	O-cyclopropyl
	acyl	amino acid	OH	Cl	O-acetyl
	acyl	amino acid	OH	Cl	SH
	acyl	amino acid	OH	Cl	SMe
	acyl	amino acid	OH	Cl	SEt
	acyl	amino acid	OH	Cl	S-cyclopropyl
35	acyl	amino acid	OH	Cl	F
	acyl	amino acid	OH	Cl	Cl
	acyl	amino acid	OH	Cl	Br
	acyl	amino acid	OH	Cl	I
	H	acyl	OH	Cl	H
	H	acyl	OH	Cl	NH ₂
40	H	acyl	OH	Cl	NH-cyclopropyl
	H	acyl	OH	Cl	NH-methyl
	H	acyl	OH	Cl	NH-ethyl
	H	acyl	OH	Cl	NH-acetyl
	H	acyl	OH	Cl	OH
	H	acyl	OH	Cl	OMe
	H	acyl	OH	Cl	OEt
45	H	acyl	OH	Cl	O-cyclopropyl
	H	acyl	OH	Cl	O-acetyl
	H	acyl	OH	Cl	SH
	H	acyl	OH	Cl	SMe
	H	acyl	OH	Cl	SEt
	H	acyl	OH	Cl	S-cyclopropyl
50	H	acyl	OH	Cl	F
	H	acyl	OH	Cl	Cl
	H	acyl	OH	Cl	Br
	H	acyl	OH	Cl	I
	H	amino acid	OH	Cl	H
	H	amino acid	OH	Cl	NH ₂
55	H	amino acid	OH	Cl	NH-cyclopropyl
	H	amino acid	OH	Cl	NH-methyl
	H	amino acid	OH	Cl	NH-ethyl
	H	amino acid	OH	Cl	NH-acetyl
	H	amino acid	OH	Cl	OH
	H	amino acid	OH	Cl	OMe
	H	amino acid	OH	Cl	OEt
60	H	amino acid	OH	Cl	O-cyclopropyl
	H	amino acid	OH	Cl	O-acetyl
	H	amino acid	OH	Cl	SH
	H	amino acid	OH	Cl	SMe
	H	amino acid	OH	Cl	SEt
	H	amino acid	OH	Cl	S-cyclopropyl
65	H	amino acid	OH	Cl	F
	H	amino acid	OH	Cl	Cl

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TABLE 14-continued

R ²	R ³	X ¹	X ²	Y
H	amino acid	OH	Cl	Br
H	amino acid	OH	Cl	I
amino acid	amino acid	OH	Cl	H
amino acid	amino acid	OH	Cl	NH ₃
amino acid	amino acid	OH	Cl	NH-cyclopropyl
amino acid	amino acid	OH	Cl	NH-methyl
amino acid	amino acid	OH	Cl	NH-ethyl
amino acid	amino acid	OH	Cl	NH-acetyl
amino acid	amino acid	OH	Cl	OH
amino acid	amino acid	OH	Cl	OMe
amino acid	amino acid	OH	Cl	OEt
amino acid	amino acid	OH	Cl	O-cyclopropyl
amino acid	amino acid	OH	Cl	O-acetyl
amino acid	amino acid	OH	Cl	SH
amino acid	amino acid	OH	Cl	SMe
amino acid	amino acid	OH	Cl	SEt
amino acid	amino acid	OH	Cl	S-cyclopropyl
amino acid	amino acid	OH	Cl	F
amino acid	amino acid	OH	Cl	Cl
amino acid	amino acid	OH	Cl	Br
amino acid	amino acid	OH	Cl	I
amino acid	H	OH	Cl	H
amino acid	H	OH	Cl	NH ₃
amino acid	H	OH	Cl	NH-cyclopropyl
amino acid	H	OH	Cl	NH-methyl
amino acid	H	OH	Cl	NH-ethyl
amino acid	H	OH	Cl	NH-acetyl
amino acid	H	OH	Cl	OH
amino acid	H	OH	Cl	OMe
amino acid	H	OH	Cl	OEt
amino acid	H	OH	Cl	O-cyclopropyl
amino acid	H	OH	Cl	O-acetyl
amino acid	H	OH	Cl	SH
amino acid	H	OH	Cl	SMe
amino acid	H	OH	Cl	SEt
amino acid	H	OH	Cl	S-cyclopropyl
amino acid	H	OH	Cl	F
amino acid	H	OH	Cl	Cl
amino acid	H	OH	Cl	Br
amino acid	H	OH	Cl	I
amino acid	acyl	OH	Cl	H
amino acid	acyl	OH	Cl	NH ₃
amino acid	acyl	OH	Cl	NH-cyclopropyl
amino acid	acyl	OH	Cl	NH-methyl
amino acid	acyl	OH	Cl	NH-ethyl
amino acid	acyl	OH	Cl	NH-acetyl
amino acid	acyl	OH	Cl	OH
amino acid	acyl	OH	Cl	OMe
amino acid	acyl	OH	Cl	OEt
amino acid	acyl	OH	Cl	O-cyclopropyl
amino acid	acyl	OH	Cl	O-acetyl
amino acid	acyl	OH	Cl	SH
amino acid	acyl	OH	Cl	SMe
amino acid	acyl	OH	Cl	SEt
amino acid	acyl	OH	Cl	S-cyclopropyl
amino acid	acyl	OH	Cl	F
amino acid	acyl	OH	Cl	Cl
amino acid	acyl	OH	Cl	Br
amino acid	acyl	OH	Cl	I
acyl	H	CH ₃	F	H
acyl	H	CH ₃	F	NH ₃
acyl	H	CH ₃	F	NH-cyclopropyl
acyl	H	CH ₃	F	NH-methyl
acyl	H	CH ₃	F	NH-ethyl
acyl	H	CH ₃	F	NH-acetyl
acyl	H	CH ₃	F	OH
acyl	H	CH ₃	F	OMe
acyl	H	CH ₃	F	OEt
acyl	H	CH ₃	F	O-cyclopropyl
acyl	H	CH ₃	F	O-acetyl
acyl	H	CH ₃	F	SH
acyl	H	CH ₃	F	SMe
acyl	H	CH ₃	F	SEt
acyl	H	CH ₃	F	S-cyclopropyl
acyl	H	CH ₃	F	F
acyl	H	CH ₃	F	Cl
acyl	H	CH ₃	F	Br
acyl	H	CH ₃	F	I

TABLE 14-continued

	R ²	R ³	X ¹	X ²	Y
5	acyl	H	CH ₃	F	I
	acyl	acyl	CH ₃	F	H
	acyl	acyl	CH ₃	F	NH ₂
	acyl	acyl	CH ₃	F	NH-cyclopropyl
	acyl	acyl	CH ₃	F	NH-methyl
	acyl	acyl	CH ₃	F	NH-ethyl
10	acyl	acyl	CH ₃	F	NH-acetyl
	acyl	acyl	CH ₃	F	OH
	acyl	acyl	CH ₃	F	OMe
	acyl	acyl	CH ₃	F	OEt
	acyl	acyl	CH ₃	F	O-cyclopropyl
	acyl	acyl	CH ₃	F	O-acetyl
15	acyl	acyl	CH ₃	F	SH
	acyl	acyl	CH ₃	F	SMe
	acyl	acyl	CH ₃	F	SEt
	acyl	acyl	CH ₃	F	S-cyclopropyl
	acyl	acyl	CH ₃	F	F
	acyl	acyl	CH ₃	F	Cl
20	acyl	acyl	CH ₃	F	Br
	acyl	acyl	CH ₃	F	I
	acyl	amino acid	CH ₃	F	H
	acyl	amino acid	CH ₃	F	NH ₂
	acyl	amino acid	CH ₃	F	NH-cyclopropyl
	acyl	amino acid	CH ₃	F	NH-methyl
25	acyl	amino acid	CH ₃	F	NH-ethyl
	acyl	amino acid	CH ₃	F	NH-acetyl
	acyl	amino acid	CH ₃	F	OH
	acyl	amino acid	CH ₃	F	OMe
	acyl	amino acid	CH ₃	F	OEt
	acyl	amino acid	CH ₃	F	O-cyclopropyl
	acyl	amino acid	CH ₃	F	O-acetyl
30	acyl	amino acid	CH ₃	F	SH
	acyl	amino acid	CH ₃	F	SMe
	acyl	amino acid	CH ₃	F	SEt
	acyl	amino acid	CH ₃	F	S-cyclopropyl
	acyl	amino acid	CH ₃	F	F
	acyl	amino acid	CH ₃	F	Cl
35	acyl	amino acid	CH ₃	F	Br
	acyl	amino acid	CH ₃	F	I
	H	acyl	CH ₃	F	H
	H	acyl	CH ₃	F	NH ₂
	H	acyl	CH ₃	F	NH-cyclopropyl
	H	acyl	CH ₃	F	NH-methyl
40	H	acyl	CH ₃	F	NH-ethyl
	H	acyl	CH ₃	F	NH-acetyl
	H	acyl	CH ₃	F	OH
	H	acyl	CH ₃	F	OMe
	H	acyl	CH ₃	F	OEt
	H	acyl	CH ₃	F	O-cyclopropyl
	H	acyl	CH ₃	F	O-acetyl
45	H	acyl	CH ₃	F	SH
	H	acyl	CH ₃	F	SMe
	H	acyl	CH ₃	F	SEt
	H	acyl	CH ₃	F	S-cyclopropyl
	H	acyl	CH ₃	F	F
	H	acyl	CH ₃	F	Cl
50	H	acyl	CH ₃	F	Br
	H	acyl	CH ₃	F	I
	H	amino acid	CH ₃	F	H
	H	amino acid	CH ₃	F	NH ₂
	H	amino acid	CH ₃	F	NH-cyclopropyl
	H	amino acid	CH ₃	F	NH-methyl
55	H	amino acid	CH ₃	F	NH-ethyl
	H	amino acid	CH ₃	F	NH-acetyl
	H	amino acid	CH ₃	F	OH
	H	amino acid	CH ₃	F	OMe
	H	amino acid	CH ₃	F	OEt
	H	amino acid	CH ₃	F	O-cyclopropyl
	H	amino acid	CH ₃	F	O-acetyl
60	H	amino acid	CH ₃	F	SH
	H	amino acid	CH ₃	F	SMe
	H	amino acid	CH ₃	F	SEt
	H	amino acid	CH ₃	F	S-cyclopropyl
	H	amino acid	CH ₃	F	F
	H	amino acid	CH ₃	F	Cl
65	H	amino acid	CH ₃	F	Br
	H	amino acid	CH ₃	F	I

TABLE 14-continued

R ²	R ³	X ¹	X ²	Y
amino acid	amino acid	CH ₃	F	H
amino acid	amino acid	CH ₃	F	NH ₂
amino acid	amino acid	CH ₃	F	NH-cyclopropyl
amino acid	amino acid	CH ₃	F	NH-methyl
amino acid	amino acid	CH ₃	F	NH-ethyl
amino acid	amino acid	CH ₃	F	NH-acetyl
amino acid	amino acid	CH ₂	F	OH
amino acid	amino acid	CH ₃	F	OMe
amino acid	amino acid	CH ₃	F	OEt
amino acid	amino acid	CH ₃	F	O-cyclopropyl
amino acid	amino acid	CH ₃	F	O-acetyl
amino acid	amino acid	CH ₃	F	SH
amino acid	amino acid	CH ₃	F	SMe
amino acid	amino acid	CH ₃	F	SEt
amino acid	amino acid	CH ₂	F	S-cyclopropyl
amino acid	amino acid	CH ₃	F	F
amino acid	amino acid	CH ₃	F	Cl
amino acid	amino acid	CH ₃	F	Br
amino acid	amino acid	CH ₃	F	I
amino acid	H	CH ₃	F	H
amino acid	H	CH ₃	F	NH ₂
amino acid	H	CH ₃	F	NH-cyclopropyl
amino acid	H	CH ₃	F	NH-methyl
amino acid	H	CH ₃	F	NH-ethyl
amino acid	H	CH ₂	F	NH-acetyl
amino acid	H	CH ₃	F	OH
amino acid	H	CH ₃	F	OMe
amino acid	H	CH ₃	F	OEt
amino acid	H	CH ₂	F	O-cyclopropyl
amino acid	H	CH ₃	F	O-acetyl
amino acid	H	CH ₃	F	SH
amino acid	H	CH ₃	F	SMe
amino acid	H	CH ₃	F	SEt
amino acid	H	CH ₃	F	S-cyclopropyl
amino acid	H	CH ₃	F	F
amino acid	H	CH ₃	F	Cl
amino acid	H	CH ₃	F	Br
amino acid	H	CH ₃	F	I
amino acid	H	CH ₃	F	H
amino acid	acyl	CH ₃	F	NH ₂
amino acid	acyl	CH ₂	F	NH-cyclopropyl
amino acid	acyl	CH ₃	F	NH-methyl
amino acid	acyl	CH ₃	F	NH-ethyl
amino acid	acyl	CH ₃	F	NH-acetyl
amino acid	acyl	CH ₂	F	OH
amino acid	acyl	CH ₃	F	OMe
amino acid	acyl	CH ₃	F	OEt
amino acid	acyl	CH ₃	F	O-cyclopropyl
amino acid	acyl	CH ₂	F	O-acetyl
amino acid	acyl	CH ₃	F	SH
amino acid	acyl	CH ₃	F	SMe
amino acid	acyl	CH ₃	F	SEt
amino acid	acyl	CH ₂	F	S-cyclopropyl
amino acid	acyl	CH ₃	F	F
amino acid	acyl	CH ₃	F	Cl
amino acid	acyl	CH ₃	F	Br
amino acid	acyl	CH ₃	F	I
acyl	H	CF ₃	F	H
acyl	H	CF ₃	F	NH ₂
acyl	H	CF ₃	F	NH-cyclopropyl
acyl	H	CF ₃	F	NH-methyl
acyl	H	CF ₃	F	NH-ethyl
acyl	H	CF ₃	F	NH-acetyl
acyl	H	CF ₃	F	OH
acyl	H	CF ₃	F	OMe
acyl	H	CF ₃	F	OEt
acyl	H	CF ₃	F	O-cyclopropyl
acyl	H	CF ₃	F	O-acetyl
acyl	H	CF ₃	F	SH
acyl	H	CF ₃	F	SMe
acyl	H	CF ₃	F	SEt
acyl	H	CF ₃	F	S-cyclopropyl
acyl	H	CF ₃	F	F
acyl	H	CF ₃	F	Cl
acyl	H	CF ₃	F	Br
acyl	H	CF ₃	F	I
acyl	acyl	CF ₃	F	H

TABLE 14-continued

	R ²	R ³	X ¹	X ²	Y
5	acyl	acyl	CF ₃	F	NH ₂
	acyl	acyl	CF ₃	F	NH-cyclopropyl
	acyl	acyl	CF ₃	F	NH-methyl
	acyl	acyl	CF ₃	F	NH-ethyl
	acyl	acyl	CF ₃	F	NH-acetyl
	acyl	acyl	CF ₃	F	OH
10	acyl	acyl	CF ₃	F	OMe
	acyl	acyl	CF ₃	F	OEt
	acyl	acyl	CF ₃	F	O-cyclopropyl
	acyl	acyl	CF ₃	F	O-acetyl
	acyl	acyl	CF ₃	F	SH
	acyl	acyl	CF ₃	F	SMe
15	acyl	acyl	CF ₃	F	SEt
	acyl	acyl	CF ₃	F	S-cyclopropyl
	acyl	acyl	CF ₃	F	F
	acyl	acyl	CF ₃	F	Cl
	acyl	acyl	CF ₃	F	Br
	acyl	acyl	CF ₃	F	I
20	acyl	amino acid	CF ₃	F	H
	acyl	amino acid	CF ₃	F	NH ₂
	acyl	amino acid	CF ₃	F	NH-cyclopropyl
	acyl	amino acid	CF ₃	F	NH-methyl
	acyl	amino acid	CF ₃	F	NH-ethyl
	acyl	amino acid	CF ₃	F	NH-acetyl
25	acyl	amino acid	CF ₃	F	OH
	acyl	amino acid	CF ₃	F	OMe
	acyl	amino acid	CF ₃	F	OEt
	acyl	amino acid	CF ₃	F	O-cyclopropyl
	acyl	amino acid	CF ₃	F	O-acetyl
	acyl	amino acid	CF ₃	F	SH
	acyl	amino acid	CF ₃	F	SMe
30	acyl	amino acid	CF ₃	F	SEt
	acyl	amino acid	CF ₃	F	S-cyclopropyl
	acyl	amino acid	CF ₃	F	F
	acyl	amino acid	CF ₃	F	Cl
	acyl	amino acid	CF ₃	F	Br
	acyl	amino acid	CF ₃	F	I
35	H	acyl	CF ₃	F	H
	H	acyl	CF ₃	F	NH ₂
	H	acyl	CF ₃	F	NH-cyclopropyl
	H	acyl	CF ₃	F	NH-methyl
	H	acyl	CF ₃	F	NH-ethyl
	H	acyl	CF ₃	F	NH-acetyl
40	H	acyl	CF ₃	F	OH
	H	acyl	CF ₃	F	OMe
	H	acyl	CF ₃	F	OEt
	H	acyl	CF ₃	F	O-cyclopropyl
	H	acyl	CF ₃	F	O-acetyl
	H	acyl	CF ₃	F	SH
	H	acyl	CF ₃	F	SMe
45	H	acyl	CF ₃	F	SEt
	H	acyl	CF ₃	F	S-cyclopropyl
	H	acyl	CF ₃	F	F
	H	acyl	CF ₃	F	Cl
	H	acyl	CF ₃	F	Br
	H	acyl	CF ₃	F	I
50	H	amino acid	CF ₃	F	H
	H	amino acid	CF ₃	F	NH ₂
	H	amino acid	CF ₃	F	NH-cyclopropyl
	H	amino acid	CF ₃	F	NH-methyl
	H	amino acid	CF ₃	F	NH-ethyl
	H	amino acid	CF ₃	F	NH-acetyl
55	H	amino acid	CF ₃	F	OH
	H	amino acid	CF ₃	F	OMe
	H	amino acid	CF ₃	F	OEt
	H	amino acid	CF ₃	F	O-cyclopropyl
	H	amino acid	CF ₃	F	O-acetyl
	H	amino acid	CF ₃	F	SH
	H	amino acid	CF ₃	F	SMe
60	H	amino acid	CF ₃	F	SEt
	H	amino acid	CF ₃	F	S-cyclopropyl
	H	amino acid	CF ₃	F	F
	H	amino acid	CF ₃	F	Cl
	H	amino acid	CF ₃	F	Br
	H	amino acid	CF ₃	F	I
65	amino acid	amino acid	CF ₃	F	H
	amino acid	amino acid	CF ₃	F	NH ₂

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TABLE 14-continued

R ²	R ³	X ¹	X ²	Y
amino acid	amino acid	CF ₃	F	NH-cyclopropyl
amino acid	amino acid	CF ₃	F	NH-methyl
amino acid	amino acid	CF ₃	F	NH-ethyl
amino acid	amino acid	CF ₃	F	NH-acetyl
amino acid	amino acid	CF ₃	F	OH
amino acid	amino acid	CF ₃	F	OMe
amino acid	amino acid	CF ₃	F	OEt
amino acid	amino acid	CF ₃	F	O-cyclopropyl
amino acid	amino acid	CF ₃	F	O-acetyl
amino acid	amino acid	CF ₃	F	SH
amino acid	amino acid	CF ₃	F	SMe
amino acid	amino acid	CF ₃	F	SEt
amino acid	amino acid	CF ₃	F	S-cyclopropyl
amino acid	amino acid	CF ₃	F	F
amino acid	amino acid	CF ₃	F	Cl
amino acid	amino acid	CF ₃	F	Br
amino acid	amino acid	CF ₃	F	I
amino acid	H	CF ₃	F	H
amino acid	H	CF ₃	F	NH ₂
amino acid	H	CF ₃	F	NH-cyclopropyl
amino acid	H	CF ₃	F	NH-methyl
amino acid	H	CF ₃	F	NH-ethyl
amino acid	H	CF ₃	F	NH-acetyl
amino acid	H	CF ₃	F	OH
amino acid	H	CF ₃	F	OMe
amino acid	H	CF ₃	F	OEt
amino acid	H	CF ₃	F	O-cyclopropyl
amino acid	H	CF ₃	F	O-acetyl
amino acid	H	CF ₃	F	SH
amino acid	H	CF ₃	F	SMe
amino acid	H	CF ₃	F	SEt
amino acid	H	CF ₃	F	S-cyclopropyl
amino acid	H	CF ₃	F	F
amino acid	H	CF ₃	F	Cl
amino acid	H	CF ₃	F	Br
amino acid	H	CF ₃	F	I
amino acid	H	CF ₃	F	H
amino acid	acyl	CF ₃	F	H
amino acid	acyl	CF ₃	F	NH ₂
amino acid	acyl	CF ₃	F	NH-cyclopropyl
amino acid	acyl	CF ₃	F	NH-methyl
amino acid	acyl	CF ₃	F	NH-ethyl
amino acid	acyl	CF ₃	F	NH-acetyl
amino acid	acyl	CF ₃	F	OH
amino acid	acyl	CF ₃	F	OMe
amino acid	acyl	CF ₃	F	OEt
amino acid	acyl	CF ₃	F	O-cyclopropyl
amino acid	acyl	CF ₃	F	O-acetyl
amino acid	acyl	CF ₃	F	SH
amino acid	acyl	CF ₃	F	SMe
amino acid	acyl	CF ₃	F	SEt
amino acid	acyl	CF ₃	F	S-cyclopropyl
amino acid	acyl	CF ₃	F	F
amino acid	acyl	CF ₃	F	Cl
amino acid	acyl	CF ₃	F	Br
amino acid	acyl	CF ₃	F	I
amino acid	acyl	CF ₃	F	H
acyl	H	Br	F	H
acyl	H	Br	F	NH ₂
acyl	H	Br	F	NH-cyclopropyl
acyl	H	Br	F	NH-methyl
acyl	H	Br	F	NH-ethyl
acyl	H	Br	F	NH-acetyl
acyl	H	Br	F	OH
acyl	H	Br	F	OMe
acyl	H	Br	F	OEt
acyl	H	Br	F	O-cyclopropyl
acyl	H	Br	F	O-acetyl
acyl	H	Br	F	SH
acyl	H	Br	F	SMe
acyl	H	Br	F	SEt
acyl	H	Br	F	S-cyclopropyl
acyl	H	Br	F	F
acyl	H	Br	F	Cl
acyl	H	Br	F	Br
acyl	H	Br	F	I
acyl	H	Br	F	H
acyl	acyl	Br	F	NH-cyclopropyl
acyl	acyl	Br	F	NH-methyl
acyl	acyl	Br	F	NH-ethyl

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TABLE 14-continued

R ²	R ³	X ¹	X ²	Y
acyl	acyl	Br	F	NH-methyl
acyl	acyl	Br	F	NH-ethyl
acyl	acyl	Br	F	NH-acetyl
acyl	acyl	Br	F	OH
acyl	acyl	Br	F	OMe
acyl	acyl	Br	F	OEt
acyl	acyl	Br	F	O-cyclopropyl
acyl	acyl	Br	F	O-acetyl
acyl	acyl	Br	F	SH
acyl	acyl	Br	F	SMe
acyl	acyl	Br	F	SEt
acyl	acyl	Br	F	S-cyclopropyl
acyl	acyl	Br	F	F
acyl	acyl	Br	F	Cl
acyl	acyl	Br	F	Br
acyl	acyl	Br	F	I
acyl	amino acid	Br	F	H
acyl	amino acid	Br	F	NH ₂
acyl	amino acid	Br	F	NH-cyclopropyl
acyl	amino acid	Br	F	NH-methyl
acyl	amino acid	Br	F	NH-ethyl
acyl	amino acid	Br	F	NH-acetyl
acyl	amino acid	Br	F	OH
acyl	amino acid	Br	F	OMe
acyl	amino acid	Br	F	OEt
acyl	amino acid	Br	F	O-cyclopropyl
acyl	amino acid	Br	F	O-acetyl
acyl	amino acid	Br	F	SH
acyl	amino acid	Br	F	SMe
acyl	amino acid	Br	F	SEt
acyl	amino acid	Br	F	S-cyclopropyl
acyl	amino acid	Br	F	F
acyl	amino acid	Br	F	Cl
acyl	amino acid	Br	F	Br
acyl	amino acid	Br	F	I
acyl	amino acid	Br	F	H
acyl	acyl	Br	F	NH ₂
acyl	acyl	Br	F	NH-cyclopropyl
acyl	acyl	Br	F	NH-methyl
acyl	acyl	Br	F	NH-ethyl
acyl	acyl	Br	F	NH-acetyl
acyl	acyl	Br	F	OH
acyl	acyl	Br	F	OMe
acyl	acyl	Br	F	OEt
acyl	acyl	Br	F	O-cyclopropyl
acyl	acyl	Br	F	O-acetyl
acyl	acyl	Br	F	SH
acyl	acyl	Br	F	SMe
acyl	acyl	Br	F	SEt
acyl	acyl	Br	F	S-cyclopropyl
acyl	acyl	Br	F	F
acyl	acyl	Br	F	Cl
acyl	acyl	Br	F	Br
acyl	acyl	Br	F	I
acyl	acyl	Br	F	H
acyl	amino acid	Br	F	NH-cyclopropyl
acyl	amino acid	Br	F	NH-methyl
acyl	amino acid	Br	F	NH-ethyl
acyl	amino acid	Br	F	NH-acetyl
acyl	amino acid	Br	F	OH
acyl	amino acid	Br	F	OMe
acyl	amino acid	Br	F	OEt
acyl	amino acid	Br	F	O-cyclopropyl
acyl	amino acid	Br	F	O-acetyl
acyl	amino acid	Br	F	SH
acyl	amino acid	Br	F	SMe
acyl	amino acid	Br	F	SEt
acyl	amino acid	Br	F	S-cyclopropyl
acyl	amino acid	Br	F	F
acyl	amino acid	Br	F	Cl
acyl	amino acid	Br	F	Br
acyl	amino acid	Br	F	I
acyl	amino acid	Br	F	H
acyl	amino acid	Br	F	NH-cyclopropyl
acyl	amino acid	Br	F	NH-methyl
acyl	amino acid	Br	F	NH-ethyl

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TABLE 14-continued

R ²	R ³	X ¹	X ²	Y
amino acid	amino acid	Br	F	NH-acetyl
amino acid	amino acid	Br	F	OH
amino acid	amino acid	Br	F	OMe
amino acid	amino acid	Br	F	SEt
amino acid	amino acid	Br	F	O-cyclopropyl
amino acid	amino acid	Br	F	O-acetyl
amino acid	amino acid	Br	F	SH
amino acid	amino acid	Br	F	SMe
amino acid	amino acid	Br	F	SEt
amino acid	amino acid	Br	F	S-cyclopropyl
amino acid	amino acid	Br	F	F
amino acid	amino acid	Br	F	Cl
amino acid	amino acid	Br	F	Br
amino acid	amino acid	Br	F	I
amino acid	H	Br	F	H
amino acid	H	Br	F	NH ₂
amino acid	H	Br	F	NH-cyclopropyl
amino acid	H	Br	F	NH-methyl
amino acid	H	Br	F	NH-ethyl
amino acid	H	Br	F	NH-acetyl
amino acid	H	Br	F	OH
amino acid	H	Br	F	OMe
amino acid	H	Br	F	SEt
amino acid	H	Br	F	O-cyclopropyl
amino acid	H	Br	F	O-acetyl
amino acid	H	Br	F	SH
amino acid	H	Br	F	SMe
amino acid	H	Br	F	SEt
amino acid	H	Br	F	S-cyclopropyl
amino acid	H	Br	F	F
amino acid	H	Br	F	Cl
amino acid	H	Br	F	Br
amino acid	H	Br	F	I
amino acid	H	Br	F	H
amino acid	acyl	Br	F	NH ₂
amino acid	acyl	Br	F	NH-cyclopropyl
amino acid	acyl	Br	F	NH-methyl
amino acid	acyl	Br	F	NH-ethyl
amino acid	acyl	Br	F	NH-acetyl
amino acid	acyl	Br	F	OH
amino acid	acyl	Br	F	OMe
amino acid	acyl	Br	F	SEt
amino acid	acyl	Br	F	O-cyclopropyl
amino acid	acyl	Br	F	O-acetyl
amino acid	acyl	Br	F	SH
amino acid	acyl	Br	F	SMe
amino acid	acyl	Br	F	SEt
amino acid	acyl	Br	F	S-cyclopropyl
amino acid	acyl	Br	F	F
amino acid	acyl	Br	F	Cl
amino acid	acyl	Br	F	Br
amino acid	acyl	Br	F	I
acyl	H	Cl	F	H
acyl	H	Cl	F	NH ₂
acyl	H	Cl	F	NH-cyclopropyl
acyl	H	Cl	F	NH-methyl
acyl	H	Cl	F	NH-ethyl
acyl	H	Cl	F	NH-acetyl
acyl	H	Cl	F	OH
acyl	H	Cl	F	OMe
acyl	H	Cl	F	SEt
acyl	H	Cl	F	O-cyclopropyl
acyl	H	Cl	F	O-acetyl
acyl	H	Cl	F	SH
acyl	H	Cl	F	SMe
acyl	H	Cl	F	SEt
acyl	H	Cl	F	S-cyclopropyl
acyl	H	Cl	F	F
acyl	H	Cl	F	Cl
acyl	H	Cl	F	Br
acyl	H	Cl	F	I
acyl	acyl	Cl	F	H
acyl	acyl	Cl	F	NH ₂
acyl	acyl	Cl	F	NH-cyclopropyl
acyl	acyl	Cl	F	NH-methyl
acyl	acyl	Cl	F	NH-ethyl
acyl	acyl	Cl	F	NH-acetyl
acyl	acyl	Cl	F	OH
acyl	acyl	Cl	F	OMe
acyl	acyl	Cl	F	SEt
acyl	acyl	Cl	F	O-cyclopropyl
acyl	acyl	Cl	F	O-acetyl
acyl	acyl	Cl	F	SH
acyl	acyl	Cl	F	SMe
acyl	acyl	Cl	F	SEt
acyl	acyl	Cl	F	S-cyclopropyl
acyl	acyl	Cl	F	F
acyl	acyl	Cl	F	Cl
acyl	acyl	Cl	F	Br
acyl	acyl	Cl	F	I
acyl	acyl	Cl	F	H
acyl	acyl	Cl	F	NH ₂
acyl	acyl	Cl	F	NH-cyclopropyl
acyl	acyl	Cl	F	NH-methyl
acyl	acyl	Cl	F	NH-ethyl
acyl	acyl	Cl	F	NH-acetyl
acyl	acyl	Cl	F	OH

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TABLE 14-continued

	R ²	R ³	X ¹	X ²	Y
5	acyl	acyl	Cl	F	OH
	acyl	acyl	Cl	F	OMe
	acyl	acyl	Cl	F	OEt
	acyl	acyl	Cl	F	O-cyclopropyl
	acyl	acyl	Cl	F	O-acetyl
10	acyl	acyl	Cl	F	SH
	acyl	acyl	Cl	F	SMe
	acyl	acyl	Cl	F	SEt
	acyl	acyl	Cl	F	S-cyclopropyl
	acyl	acyl	Cl	F	F
15	acyl	acyl	Cl	F	Cl
	acyl	acyl	Cl	F	Br
	acyl	acyl	Cl	F	I
	acyl	amino acid	Cl	F	H
	acyl	amino acid	Cl	F	NH ₂
20	acyl	amino acid	Cl	F	NH-cyclopropyl
	acyl	amino acid	Cl	F	NH-methyl
	acyl	amino acid	Cl	F	NH-ethyl
	acyl	amino acid	Cl	F	NH-acetyl
	acyl	amino acid	Cl	F	OH
25	acyl	amino acid	Cl	F	OMe
	acyl	amino acid	Cl	F	OEt
	acyl	amino acid	Cl	F	O-cyclopropyl
	acyl	amino acid	Cl	F	O-acetyl
	acyl	amino acid	Cl	F	SH
30	acyl	amino acid	Cl	F	SMe
	acyl	amino acid	Cl	F	SEt
	acyl	amino acid	Cl	F	S-cyclopropyl
	acyl	amino acid	Cl	F	F
	acyl	amino acid	Cl	F	Cl
35	acyl	amino acid	Cl	F	Br
	acyl	amino acid	Cl	F	I
	H	acyl	Cl	F	H
	H	acyl	Cl	F	NH ₂
	H	acyl	Cl	F	NH-cyclopropyl
40	H	acyl	Cl	F	NH-methyl
	H	acyl	Cl	F	NH-ethyl
	H	acyl	Cl	F	NH-acetyl
	H	acyl	Cl	F	OH
	H	acyl	Cl	F	OMe
45	H	acyl	Cl	F	OEt
	H	acyl	Cl	F	O-cyclopropyl
	H	acyl	Cl	F	O-acetyl
	H	acyl	Cl	F	SH
	H	acyl	Cl	F	SMe
50	H	acyl	Cl	F	SEt
	H	acyl	Cl	F	S-cyclopropyl
	H	acyl	Cl	F	F
	H	acyl	Cl	F	Cl
	H	acyl	Cl	F	Br
55	H	acyl	Cl	F	I
	H	amino acid	Cl	F	H
	H	amino acid	Cl	F	NH ₂
	H	amino acid	Cl	F	NH-cyclopropyl
	H	amino acid	Cl	F	NH-methyl
60	H	amino acid	Cl	F	NH-ethyl
	H	amino acid	Cl	F	NH-acetyl
	H	amino acid	Cl	F	OH
	H	amino acid	Cl	F	OMe
	H	amino acid	Cl	F	SEt
65	H	amino acid	Cl	F	O-cyclopropyl
	H	amino acid	Cl	F	O-acetyl
	H	amino acid	Cl	F	SH
	H	amino acid	Cl	F	SMe
	H	amino acid	Cl	F	SEt
	H	amino acid	Cl	F	S-cyclopropyl
	H	amino acid	Cl	F	F
	H	amino acid	Cl	F	Cl
	H	amino acid	Cl	F	Br
	H	amino acid	Cl	F	I
	amino acid	amino acid	Cl	F	H
	amino acid	amino acid	Cl	F	NH ₂
	amino acid	amino acid	Cl	F	NH-cyclopropyl
	amino acid	amino acid	Cl	F	NH-methyl
	amino acid	amino acid	Cl	F	NH-ethyl
	amino acid	amino acid	Cl	F	NH-acetyl
	amino acid	amino acid	Cl	F	OH

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TABLE 14-continued

R ²	R ³	X ¹	X ²	Y
amino acid	amino acid	Cl	F	OMe
amino acid	amino acid	Cl	F	OEt
amino acid	amino acid	Cl	F	O-cyclopropyl
amino acid	amino acid	Cl	F	O-acetyl
amino acid	amino acid	Cl	F	SH
amino acid	amino acid	Cl	F	SMe
amino acid	amino acid	Cl	F	SEt
amino acid	amino acid	Cl	F	S-cyclopropyl
amino acid	amino acid	Cl	F	F
amino acid	amino acid	Cl	F	Cl
amino acid	amino acid	Cl	F	Br
amino acid	amino acid	Cl	F	I
amino acid	H	Cl	F	H
amino acid	H	Cl	F	NH ₂
amino acid	H	Cl	F	NH-cyclopropyl
amino acid	H	Cl	F	NH-methyl
amino acid	H	Cl	F	NH-ethyl
amino acid	H	Cl	F	NH-acetyl
amino acid	H	Cl	F	OH
amino acid	H	Cl	F	OMe
amino acid	H	Cl	F	OEt
amino acid	H	Cl	F	O-cyclopropyl
amino acid	H	Cl	F	O-acetyl
amino acid	H	Cl	F	SH
amino acid	H	Cl	F	SMe
amino acid	H	Cl	F	SEt
amino acid	H	Cl	F	S-cyclopropyl
amino acid	H	Cl	F	F
amino acid	H	Cl	F	Cl
amino acid	H	Cl	F	Br
amino acid	H	Cl	F	I
amino acid	H	Cl	F	H
acyl	acyl	Cl	F	H
amino acid	acyl	Cl	F	NH ₂
amino acid	acyl	Cl	F	NH-cyclopropyl
amino acid	acyl	Cl	F	NH-methyl
amino acid	acyl	Cl	F	NH-ethyl
amino acid	acyl	Cl	F	NH-acetyl
amino acid	acyl	Cl	F	OH
amino acid	acyl	Cl	F	OMe
amino acid	acyl	Cl	F	OEt
amino acid	acyl	Cl	F	O-cyclopropyl
amino acid	acyl	Cl	F	O-acetyl
amino acid	acyl	Cl	F	SH
amino acid	acyl	Cl	F	SMe
amino acid	acyl	Cl	F	SEt
amino acid	acyl	Cl	F	S-cyclopropyl
amino acid	acyl	Cl	F	F
amino acid	acyl	Cl	F	Cl
amino acid	acyl	Cl	F	Br
amino acid	acyl	Cl	F	I
acyl	H	F	F	H
acyl	H	F	F	NH ₂
acyl	H	F	F	NH-cyclopropyl
acyl	H	F	F	NH-methyl
acyl	H	F	F	NH-ethyl
acyl	H	F	F	NH-acetyl
acyl	H	F	F	OH
acyl	H	F	F	OMe
acyl	H	F	F	OEt
acyl	H	F	F	O-cyclopropyl
acyl	H	F	F	O-acetyl
acyl	H	F	F	SH
acyl	H	F	F	SMe
acyl	H	F	F	SEt
acyl	H	F	F	S-cyclopropyl
acyl	H	F	F	F
acyl	H	F	F	Cl
acyl	H	F	F	Br
acyl	H	F	F	I
acyl	H	F	F	H
acyl	acyl	F	F	H
acyl	acyl	F	F	NH ₂
acyl	acyl	F	F	NH-cyclopropyl
acyl	acyl	F	F	NH-methyl
acyl	acyl	F	F	NH-ethyl
acyl	acyl	F	F	NH-acetyl
acyl	acyl	F	F	OH
acyl	acyl	F	F	OMe
acyl	acyl	F	F	OEt

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TABLE 14-continued

R ²	R ³	X ¹	X ²	Y
5	acyl	acyl	F	SEt
	acyl	acyl	F	O-cyclopropyl
	acyl	acyl	F	O-acetyl
	acyl	acyl	F	SH
	acyl	acyl	F	SMe
	acyl	acyl	F	SEt
10	acyl	acyl	F	S-cyclopropyl
	acyl	acyl	F	F
	acyl	acyl	F	Cl
	acyl	acyl	F	Br
	acyl	acyl	F	I
	acyl	amino acid	F	H
15	acyl	amino acid	F	NH ₂
	acyl	amino acid	F	NH-cyclopropyl
	acyl	amino acid	F	NH-methyl
	acyl	amino acid	F	NH-ethyl
	acyl	amino acid	F	NH-acetyl
	acyl	amino acid	F	OH
20	acyl	amino acid	F	OMe
	acyl	amino acid	F	SEt
	acyl	amino acid	F	O-cyclopropyl
	acyl	amino acid	F	O-acetyl
	acyl	amino acid	F	SH
	acyl	amino acid	F	SMe
	acyl	amino acid	F	SEt
25	acyl	amino acid	F	S-cyclopropyl
	acyl	amino acid	F	F
	acyl	amino acid	F	Cl
	acyl	amino acid	F	Br
	acyl	amino acid	F	I
	H	acyl	F	H
30	H	acyl	F	NH ₂
	H	acyl	F	NH-cyclopropyl
	H	acyl	F	NH-methyl
	H	acyl	F	NH-ethyl
	H	acyl	F	NH-acetyl
	H	acyl	F	OH
35	H	acyl	F	OMe
	H	acyl	F	OEt
	H	acyl	F	O-cyclopropyl
	H	acyl	F	O-acetyl
	H	acyl	F	SH
	H	acyl	F	SMe
	H	acyl	F	SEt
40	H	acyl	F	S-cyclopropyl
	H	acyl	F	F
	H	acyl	F	Cl
	H	acyl	F	Br
	H	acyl	F	I
	H	amino acid	F	H
45	H	amino acid	F	NH ₂
	H	amino acid	F	NH-cyclopropyl
	H	amino acid	F	NH-methyl
	H	amino acid	F	NH-ethyl
	H	amino acid	F	NH-acetyl
	H	amino acid	F	OH
50	H	amino acid	F	OMe
	H	amino acid	F	OEt
	H	amino acid	F	O-cyclopropyl
	H	amino acid	F	O-acetyl
	H	amino acid	F	SH
	H	amino acid	F	SMe
	H	amino acid	F	SEt
55	H	amino acid	F	S-cyclopropyl
	H	amino acid	F	F
	H	amino acid	F	Cl
	H	amino acid	F	Br
	H	amino acid	F	I
	H	amino acid	F	H
60	amino acid	amino acid	F	NH ₂
	amino acid	amino acid	F	NH-cyclopropyl
	amino acid	amino acid	F	NH-methyl
	amino acid	amino acid	F	NH-ethyl
	amino acid	amino acid	F	NH-acetyl
	amino acid	amino acid	F	OH
65	amino acid	amino acid	F	OMe
	amino acid	amino acid	F	OEt

TABLE 14-continued

R ²	R ³	X ¹	X ²	Y
amino acid	amino acid	F	F	O-cyclopropyl
amino acid	amino acid	F	F	O-acetyl
amino acid	amino acid	F	F	SH
amino acid	amino acid	F	F	SMe
amino acid	amino acid	F	F	SEt
amino acid	amino acid	F	F	S-cyclopropyl
amino acid	amino acid	F	F	F
amino acid	amino acid	F	F	Cl
amino acid	amino acid	F	F	Br
amino acid	amino acid	F	F	I
amino acid	H	F	F	H
amino acid	H	F	F	NH ₂
amino acid	H	F	F	NH-cyclopropyl
amino acid	H	F	F	NH-methyl
amino acid	H	F	F	NH-ethyl
amino acid	H	F	F	NH-acetyl
amino acid	H	F	F	OH
amino acid	H	F	F	OMe
amino acid	H	F	F	OEt
amino acid	H	F	F	O-cyclopropyl
amino acid	H	F	F	O-acetyl
amino acid	H	F	F	SH
amino acid	H	F	F	SMe
amino acid	H	F	F	SEt
amino acid	H	F	F	S-cyclopropyl
amino acid	H	F	F	F
amino acid	H	F	F	Cl
amino acid	H	F	F	Br
amino acid	H	F	F	I
amino acid	acyl	F	F	H
amino acid	acyl	F	F	NH ₂
amino acid	acyl	F	F	NH-cyclopropyl
amino acid	acyl	F	F	NH-methyl
amino acid	acyl	F	F	NH-ethyl
amino acid	acyl	F	F	NH-acetyl
amino acid	acyl	F	F	OH
amino acid	acyl	F	F	OMe
amino acid	acyl	F	F	OEt
amino acid	acyl	F	F	O-cyclopropyl
amino acid	acyl	F	F	O-acetyl
amino acid	acyl	F	F	SH
amino acid	acyl	F	F	SMe
amino acid	acyl	F	F	SEt
amino acid	acyl	F	F	S-cyclopropyl
amino acid	acyl	F	F	F
amino acid	acyl	F	F	Cl
amino acid	acyl	F	F	Br
amino acid	acyl	F	F	I
acyl	H	NH ₂	F	H
acyl	H	NH ₂	F	NH ₂
acyl	H	NH ₂	F	NH-cyclopropyl
acyl	H	NH ₂	F	NH-methyl
acyl	H	NH ₂	F	NH-ethyl
acyl	H	NH ₂	F	NH-acetyl
acyl	H	NH ₂	F	OH
acyl	H	NH ₂	F	OMe
acyl	H	NH ₂	F	OEt
acyl	H	NH ₂	F	O-cyclopropyl
acyl	H	NH ₂	F	O-acetyl
acyl	H	NH ₂	F	SH
acyl	H	NH ₂	F	SMe
acyl	H	NH ₂	F	SEt
acyl	H	NH ₂	F	S-cyclopropyl
acyl	H	NH ₂	F	F
acyl	H	NH ₂	F	Cl
acyl	H	NH ₂	F	Br
acyl	H	NH ₂	F	I
acyl	acyl	NH ₂	F	H
acyl	acyl	NH ₂	F	NH ₂
acyl	acyl	NH ₂	F	NH-cyclopropyl
acyl	acyl	NH ₂	F	NH-methyl
acyl	acyl	NH ₂	F	NH-ethyl
acyl	acyl	NH ₂	F	NH-acetyl
acyl	acyl	NH ₂	F	OH
acyl	acyl	NH ₂	F	OMe
acyl	acyl	NH ₂	F	OEt
acyl	acyl	NH ₂	F	O-cyclopropyl
acyl	acyl	NH ₂	F	O-acetyl

TABLE 14-continued

R ²	R ³	X ¹	X ²	Y
5	acyl	acyl	NH ₂	O-acetyl
	acyl	acyl	NH ₂	SH
	acyl	acyl	NH ₂	SMe
	acyl	acyl	NH ₂	SEt
	acyl	acyl	NH ₂	S-cyclopropyl
	acyl	acyl	NH ₂	F
10	acyl	acyl	NH ₂	Cl
	acyl	acyl	NH ₂	Br
	acyl	acyl	NH ₂	I
	acyl	amino acid	NH ₂	H
	acyl	amino acid	NH ₂	NH ₂
	acyl	amino acid	NH ₂	NH-cyclopropyl
15	acyl	amino acid	NH ₂	NH-methyl
	acyl	amino acid	NH ₂	NH-ethyl
	acyl	amino acid	NH ₂	NH-acetyl
	acyl	amino acid	NH ₂	OH
	acyl	amino acid	NH ₂	OMe
	acyl	amino acid	NH ₂	OEt
	acyl	amino acid	NH ₂	O-cyclopropyl
20	acyl	amino acid	NH ₂	O-acetyl
	acyl	amino acid	NH ₂	SH
	acyl	amino acid	NH ₂	SMe
	acyl	amino acid	NH ₂	SEt
	acyl	amino acid	NH ₂	S-cyclopropyl
	acyl	amino acid	NH ₂	F
25	acyl	amino acid	NH ₂	Cl
	acyl	amino acid	NH ₂	Br
	acyl	amino acid	NH ₂	I
	H	acyl	NH ₂	H
	H	acyl	NH ₂	NH ₂
	H	acyl	NH ₂	NH-cyclopropyl
30	H	acyl	NH ₂	NH-methyl
	H	acyl	NH ₂	NH-ethyl
	H	acyl	NH ₂	NH-acetyl
	H	acyl	NH ₂	OH
	H	acyl	NH ₂	OMe
	H	acyl	NH ₂	SEt
35	H	acyl	NH ₂	O-cyclopropyl
	H	acyl	NH ₂	O-acetyl
	H	acyl	NH ₂	SH
	H	acyl	NH ₂	SMe
	H	acyl	NH ₂	SEt
	H	acyl	NH ₂	S-cyclopropyl
	H	acyl	NH ₂	F
40	H	acyl	NH ₂	Cl
	H	acyl	NH ₂	Br
	H	acyl	NH ₂	I
	H	amino acid	NH ₂	H
	H	amino acid	NH ₂	NH ₂
	H	amino acid	NH ₂	NH-cyclopropyl
45	H	amino acid	NH ₂	NH-methyl
	H	amino acid	NH ₂	NH-ethyl
	H	amino acid	NH ₂	NH-acetyl
	H	amino acid	NH ₂	OH
	H	amino acid	NH ₂	OMe
	H	amino acid	NH ₂	SEt
	H	amino acid	NH ₂	O-cyclopropyl
	H	amino acid	NH ₂	O-acetyl
	H	amino acid	NH ₂	SH
	H	amino acid	NH ₂	SMe
	H	amino acid	NH ₂	SEt
	H	amino acid	NH ₂	S-cyclopropyl
	H	amino acid	NH ₂	F
55	H	amino acid	NH ₂	Cl
	H	amino acid	NH ₂	Br
	H	amino acid	NH ₂	I
	amino acid	amino acid	NH ₂	H
	amino acid	amino acid	NH ₂	NH ₂
	amino acid	amino acid	NH ₂	NH-cyclopropyl
60	amino acid	amino acid	NH ₂	NH-methyl
	amino acid	amino acid	NH ₂	NH-ethyl
	amino acid	amino acid	NH ₂	NH-acetyl
	amino acid	amino acid	NH ₂	OH
	amino acid	amino acid	NH ₂	OMe
	amino acid	amino acid	NH ₂	OEt
65	amino acid	amino acid	NH ₂	O-cyclopropyl
	amino acid	amino acid	NH ₂	O-acetyl

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TABLE 14-continued

R ²	R ³	X ¹	X ²	Y
amino acid	amino acid	NH ₂	F	SH
amino acid	amino acid	NH ₂	F	SMe
amino acid	amino acid	NH ₂	F	SEt
amino acid	amino acid	NH ₂	F	S-cyclopropyl
amino acid	amino acid	NH ₂	F	F
amino acid	amino acid	NH ₂	F	Cl
amino acid	amino acid	NH ₂	F	Br
amino acid	amino acid	NH ₂	F	I
amino acid	H	NH ₂	F	H
amino acid	H	NH ₂	F	NH ₂
amino acid	H	NH ₂	F	NH-cyclopropyl
amino acid	H	NH ₂	F	NH-methyl
amino acid	H	NH ₂	F	NH-ethyl
amino acid	H	NH ₂	F	NH-acetyl
amino acid	H	NH ₂	F	OH
amino acid	H	NH ₂	F	OMe
amino acid	H	NH ₂	F	OEt
amino acid	H	NH ₂	F	O-cyclopropyl
amino acid	H	NH ₂	F	O-acetyl
amino acid	H	NH ₂	F	SH
amino acid	H	NH ₂	F	SMe
amino acid	H	NH ₂	F	SEt
amino acid	H	NH ₂	F	S-cyclopropyl
amino acid	H	NH ₂	F	F
amino acid	H	NH ₂	F	Cl
amino acid	H	NH ₂	F	Br
amino acid	H	NH ₂	F	I
amino acid	acyl	NH ₂	F	H
amino acid	acyl	NH ₂	F	NH ₂
amino acid	acyl	NH ₂	F	NH-cyclopropyl
amino acid	acyl	NH ₂	F	NH-methyl
amino acid	acyl	NH ₂	F	NH-ethyl
amino acid	acyl	NH ₂	F	NH-acetyl
amino acid	acyl	NH ₂	F	OH
amino acid	acyl	NH ₂	F	OMe
amino acid	acyl	NH ₂	F	OEt
amino acid	acyl	NH ₂	F	O-cyclopropyl
amino acid	acyl	NH ₂	F	O-acetyl
amino acid	acyl	NH ₂	F	SH
amino acid	acyl	NH ₂	F	SMe
amino acid	acyl	NH ₂	F	SEt
amino acid	acyl	NH ₂	F	S-cyclopropyl
amino acid	acyl	NH ₂	F	F
amino acid	acyl	NH ₂	F	Cl
amino acid	acyl	NH ₂	F	Br
amino acid	acyl	NH ₂	F	I
acyl	H	SH	F	H
acyl	H	SH	F	NH ₂
acyl	H	SH	F	NH-cyclopropyl
acyl	H	SH	F	NH-methyl
acyl	H	SH	F	NH-ethyl
acyl	H	SH	F	NH-acetyl
acyl	H	SH	F	OH
acyl	H	SH	F	OMe
acyl	H	SH	F	OEt
acyl	H	SH	F	O-cyclopropyl
acyl	H	SH	F	O-acetyl
acyl	H	SH	F	SH
acyl	H	SH	F	SMe
acyl	H	SH	F	SEt
acyl	H	SH	F	S-cyclopropyl
acyl	H	SH	F	F
acyl	H	SH	F	Cl
acyl	H	SH	F	Br
acyl	H	SH	F	I
acyl	acyl	SH	F	H
acyl	acyl	SH	F	NH ₂
acyl	acyl	SH	F	NH-cyclopropyl
acyl	acyl	SH	F	NH-methyl
acyl	acyl	SH	F	NH-ethyl
acyl	acyl	SH	F	NH-acetyl
acyl	acyl	SH	F	OH
acyl	acyl	SH	F	OMe
acyl	acyl	SH	F	OEt
acyl	acyl	SH	F	O-cyclopropyl
acyl	acyl	SH	F	O-acetyl
acyl	acyl	SH	F	SH

TABLE 14-continued

	R ²	R ³	X ¹	X ²	Y
5	acyl	acyl	SH	F	SMe
	acyl	acyl	SH	F	SEt
	acyl	acyl	SH	F	S-cyclopropyl
	acyl	acyl	SH	F	F
	acyl	acyl	SH	F	Cl
	acyl	acyl	SH	F	Br
10	acyl	acyl	SH	F	I
	acyl	amino acid	SH	F	H
	acyl	amino acid	SH	F	NH ₂
	acyl	amino acid	SH	F	NH-cyclopropyl
	acyl	amino acid	SH	F	NH-methyl
	acyl	amino acid	SH	F	NH-ethyl
15	acyl	amino acid	SH	F	NH-acetyl
	acyl	amino acid	SH	F	OH
	acyl	amino acid	SH	F	OMe
	acyl	amino acid	SH	F	OEt
	acyl	amino acid	SH	F	O-cyclopropyl
	acyl	amino acid	SH	F	O-acetyl
20	acyl	amino acid	SH	F	SH
	acyl	amino acid	SH	F	SMe
	acyl	amino acid	SH	F	SEt
	acyl	amino acid	SH	F	S-cyclopropyl
	acyl	amino acid	SH	F	F
	acyl	amino acid	SH	F	Cl
	acyl	amino acid	SH	F	Br
25	acyl	amino acid	SH	F	I
	H	acyl	SH	F	H
	H	acyl	SH	F	NH ₂
	H	acyl	SH	F	NH-cyclopropyl
	H	acyl	SH	F	NH-methyl
	H	acyl	SH	F	NH-ethyl
30	H	acyl	SH	F	NH-acetyl
	H	acyl	SH	F	OH
	H	acyl	SH	F	OMe
	H	acyl	SH	F	OEt
	H	acyl	SH	F	O-cyclopropyl
	H	acyl	SH	F	O-acetyl
35	H	acyl	SH	F	SH
	H	acyl	SH	F	SMe
	H	acyl	SH	F	SEt
	H	acyl	SH	F	S-cyclopropyl
	H	acyl	SH	F	F
	H	acyl	SH	F	Cl
	H	acyl	SH	F	Br
40	H	acyl	SH	F	I
	H	amino acid	SH	F	H
	H	amino acid	SH	F	NH ₂
	H	amino acid	SH	F	NH-cyclopropyl
	H	amino acid	SH	F	NH-methyl
	H	amino acid	SH	F	NH-ethyl
45	H	amino acid	SH	F	NH-acetyl
	H	amino acid	SH	F	OH
	H	amino acid	SH	F	OMe
	H	amino acid	SH	F	OEt
	H	amino acid	SH	F	O-cyclopropyl
	H	amino acid	SH	F	O-acetyl
50	H	amino acid	SH	F	SH
	H	amino acid	SH	F	SMe
	H	amino acid	SH	F	SEt
	H	amino acid	SH	F	S-cyclopropyl
	H	amino acid	SH	F	F
	H	amino acid	SH	F	Cl
55	H	amino acid	SH	F	Br
	H	amino acid	SH	F	I
	amino acid	amino acid	SH	F	H
	amino acid	amino acid	SH	F	NH ₂
	amino acid	amino acid	SH	F	NH-cyclopropyl
	amino acid	amino acid	SH	F	NH-methyl
	amino acid	amino acid	SH	F	NH-ethyl
60	amino acid	amino acid	SH	F	NH-acetyl
	amino acid	amino acid	SH	F	OH
	amino acid	amino acid	SH	F	OMe
	amino acid	amino acid	SH	F	OEt
	amino acid	amino acid	SH	F	O-cyclopropyl
	amino acid	amino acid	SH	F	O-acetyl
65	amino acid	amino acid	SH	F	SH
	amino acid	amino acid	SH	F	SMe

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TABLE 14-continued

R ²	R ³	X ¹	X ²	Y
amino acid	amino acid	SH	F	SEt
amino acid	amino acid	SH	F	S-cyclopropyl
amino acid	amino acid	SH	F	F
amino acid	amino acid	SH	F	Cl
amino acid	amino acid	SH	F	Br
amino acid	amino acid	SH	F	I
amino acid	H	SH	F	H
amino acid	H	SH	F	NH ₂
amino acid	H	SH	F	NH-cyclopropyl
amino acid	H	SH	F	NH-methyl
amino acid	H	SH	F	NH-ethyl
amino acid	H	SH	F	NH-acetyl
amino acid	H	SH	F	OH
amino acid	H	SH	F	OMe
amino acid	H	SH	F	OEt
amino acid	H	SH	F	O-cyclopropyl
amino acid	H	SH	F	O-acetyl
amino acid	H	SH	F	SH
amino acid	H	SH	F	SMe
amino acid	H	SH	F	SEt
amino acid	H	SH	F	S-cyclopropyl
amino acid	H	SH	F	F
amino acid	H	SH	F	Cl
amino acid	H	SH	F	Br
amino acid	H	SH	F	I
amino acid	acyl	SH	F	H
amino acid	acyl	SH	F	NH ₂
amino acid	acyl	SH	F	NH-cyclopropyl
amino acid	acyl	SH	F	NH-methyl
amino acid	acyl	SH	F	NH-ethyl
amino acid	acyl	SH	F	NH-acetyl
amino acid	acyl	SH	F	OH
amino acid	acyl	SH	F	OMe
amino acid	acyl	SH	F	OEt
amino acid	acyl	SH	F	O-cyclopropyl
amino acid	acyl	SH	F	O-acetyl
amino acid	acyl	SH	F	SH
amino acid	acyl	SH	F	SMe
amino acid	acyl	SH	F	SEt
amino acid	acyl	SH	F	S-cyclopropyl
amino acid	acyl	SH	F	F
amino acid	acyl	SH	F	Cl
amino acid	acyl	SH	F	Br
amino acid	acyl	SH	F	I
acyl	H	OH	F	H
acyl	H	OH	F	NH ₂
acyl	H	OH	F	NH-cyclopropyl
acyl	H	OH	F	NH-methyl
acyl	H	OH	F	NH-ethyl
acyl	H	OH	F	NH-acetyl
acyl	H	OH	F	OH
acyl	H	OH	F	OMe
acyl	H	OH	F	OEt
acyl	H	OH	F	O-cyclopropyl
acyl	H	OH	F	O-acetyl
acyl	H	OH	F	SH
acyl	H	OH	F	SMe
acyl	H	OH	F	SEt
acyl	H	OH	F	S-cyclopropyl
acyl	H	OH	F	F
acyl	H	OH	F	Cl
acyl	H	OH	F	Br
acyl	H	OH	F	I
acyl	acyl	OH	F	H
acyl	acyl	OH	F	NH ₂
acyl	acyl	OH	F	NH-cyclopropyl
acyl	acyl	OH	F	NH-methyl
acyl	acyl	OH	F	NH-ethyl
acyl	acyl	OH	F	NH-acetyl
acyl	acyl	OH	F	OH
acyl	acyl	OH	F	OMe
acyl	acyl	OH	F	OEt
acyl	acyl	OH	F	O-cyclopropyl
acyl	acyl	OH	F	O-acetyl
acyl	acyl	OH	F	SH
acyl	acyl	OH	F	SMe
acyl	acyl	OH	F	SEt

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TABLE 14-continued

	R ²	R ³	X ¹	X ²	Y
5	acyl	acyl	OH	F	S-cyclopropyl
	acyl	acyl	OH	F	F
	acyl	acyl	OH	F	Cl
	acyl	acyl	OH	F	Br
	acyl	acyl	OH	F	I
	acyl	amino acid	OH	F	H
10	acyl	amino acid	OH	F	NH ₂
	acyl	amino acid	OH	F	NH-cyclopropyl
	acyl	amino acid	OH	F	NH-methyl
	acyl	amino acid	OH	F	NH-ethyl
	acyl	amino acid	OH	F	NH-acetyl
	acyl	amino acid	OH	F	OMe
15	acyl	amino acid	OH	F	OEt
	acyl	amino acid	OH	F	O-cyclopropyl
	acyl	amino acid	OH	F	O-acetyl
	acyl	amino acid	OH	F	SH
	acyl	amino acid	OH	F	SMe
20	acyl	amino acid	OH	F	SEt
	acyl	amino acid	OH	F	S-cyclopropyl
	acyl	amino acid	OH	F	F
	acyl	amino acid	OH	F	Cl
	acyl	amino acid	OH	F	Br
	acyl	amino acid	OH	F	I
25	H	acyl	OH	F	H
	H	acyl	OH	F	NH ₂
	H	acyl	OH	F	NH-cyclopropyl
	H	acyl	OH	F	NH-methyl
	H	acyl	OH	F	NH-ethyl
	H	acyl	OH	F	NH-acetyl
	H	acyl	OH	F	OH
30	H	acyl	OH	F	OMe
	H	acyl	OH	F	OEt
	H	acyl	OH	F	O-cyclopropyl
	H	acyl	OH	F	O-acetyl
	H	acyl	OH	F	SH
	H	acyl	OH	F	SMe
35	H	acyl	OH	F	SEt
	H	acyl	OH	F	S-cyclopropyl
	H	acyl	OH	F	F
	H	acyl	OH	F	Cl
	H	acyl	OH	F	Br
	H	acyl	OH	F	I
40	H	amino acid	OH	F	H
	H	amino acid	OH	F	NH ₂
	H	amino acid	OH	F	NH-cyclopropyl
	H	amino acid	OH	F	NH-methyl
	H	amino acid	OH	F	NH-ethyl
	H	amino acid	OH	F	NH-acetyl
	H	amino acid	OH	F	OH
45	H	amino acid	OH	F	OMe
	H	amino acid	OH	F	OEt
	H	amino acid	OH	F	O-cyclopropyl
	H	amino acid	OH	F	O-acetyl
	H	amino acid	OH	F	SH
	H	amino acid	OH	F	SMe
50	H	amino acid	OH	F	SEt
	H	amino acid	OH	F	S-cyclopropyl
	H	amino acid	OH	F	F
	H	amino acid	OH	F	Cl
	H	amino acid	OH	F	Br
	H	amino acid	OH	F	I
55	amino acid	amino acid	OH	F	H
	amino acid	amino acid	OH	F	NH ₂
	amino acid	amino acid	OH	F	NH-cyclopropyl
	amino acid	amino acid	OH	F	NH-methyl
	amino acid	amino acid	OH	F	NH-ethyl
	amino acid	amino acid	OH	F	NH-acetyl
	amino acid	amino acid	OH	F	OH
60	amino acid	amino acid	OH	F	OMe
	amino acid	amino acid	OH	F	OEt
	amino acid	amino acid	OH	F	O-cyclopropyl
	amino acid	amino acid	OH	F	O-acetyl
	amino acid	amino acid	OH	F	SH
	amino acid	amino acid	OH	F	SMe
65	amino acid	amino acid	OH	F	SEt
	amino acid	amino acid	OH	F	S-cyclopropyl

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TABLE 14-continued

R ²	R ³	X ¹	X ²	Y
amino acid	amino acid	OH	F	F
amino acid	amino acid	OH	F	Cl
amino acid	amino acid	OH	F	Br
amino acid	amino acid	OH	F	I
amino acid	H	OH	F	H
amino acid	H	OH	F	NH ₂
amino acid	H	OH	F	NH-cyclopropyl
amino acid	H	OH	F	NH-methyl
amino acid	H	OH	F	NH-ethyl
amino acid	H	OH	F	NH-acetyl
amino acid	H	OH	F	OH
amino acid	H	OH	F	OMe
amino acid	H	OH	F	OEt
amino acid	H	OH	F	O-cyclopropyl
amino acid	H	OH	F	O-acetyl
amino acid	H	OH	F	SH
amino acid	H	OH	F	SMe
amino acid	H	OH	F	SEt
amino acid	H	OH	F	S-cyclopropyl
amino acid	H	OH	F	F
amino acid	H	OH	F	Cl
amino acid	H	OH	F	Br
amino acid	H	OH	F	I
amino acid	acyl	OH	F	H
amino acid	acyl	OH	F	NH ₂
amino acid	acyl	OH	F	NH-cyclopropyl
amino acid	acyl	OH	F	NH-methyl
amino acid	acyl	OH	F	NH-ethyl
amino acid	acyl	OH	F	NH-acetyl
amino acid	acyl	OH	F	OH
amino acid	acyl	OH	F	OMe
amino acid	acyl	OH	F	OEt
amino acid	acyl	OH	F	O-cyclopropyl
amino acid	acyl	OH	F	O-acetyl
amino acid	acyl	OH	F	SH
amino acid	acyl	OH	F	SMe
amino acid	acyl	OH	F	SEt
amino acid	acyl	OH	F	S-cyclopropyl
amino acid	acyl	OH	F	F
amino acid	acyl	OH	F	Cl
amino acid	acyl	OH	F	Br
amino acid	acyl	OH	F	I
acyl	H	CH ₃	NH ₂	H
acyl	H	CH ₃	NH ₂	NH ₂
acyl	H	CH ₃	NH ₂	NH-cyclopropyl
acyl	H	CH ₃	NH ₂	NH-methyl
acyl	H	CH ₃	NH ₂	NH-ethyl
acyl	H	CH ₃	NH ₂	NH-acetyl
acyl	H	CH ₃	NH ₂	OH
acyl	H	CH ₃	NH ₂	OMe
acyl	H	CH ₃	NH ₂	OEt
acyl	H	CH ₃	NH ₂	O-cyclopropyl
acyl	H	CH ₃	NH ₂	O-acetyl
acyl	H	CH ₃	NH ₂	SH
acyl	H	CH ₃	NH ₂	SMe
acyl	H	CH ₃	NH ₂	SEt
acyl	H	CH ₃	NH ₂	S-cyclopropyl
acyl	H	CH ₃	NH ₂	F
acyl	H	CH ₃	NH ₂	Cl
acyl	H	CH ₃	NH ₂	Br
acyl	H	CH ₃	NH ₂	I
acyl	acyl	CH ₃	NH ₂	H
acyl	acyl	CH ₃	NH ₂	NH ₂
acyl	acyl	CH ₃	NH ₂	NH-cyclopropyl
acyl	acyl	CH ₃	NH ₂	NH-methyl
acyl	acyl	CH ₃	NH ₂	NH-ethyl
acyl	acyl	CH ₃	NH ₂	NH-acetyl
acyl	acyl	CH ₃	NH ₂	OH
acyl	acyl	CH ₃	NH ₂	OMe
acyl	acyl	CH ₃	NH ₂	OEt
acyl	acyl	CH ₃	NH ₂	O-cyclopropyl
acyl	acyl	CH ₃	NH ₂	O-acetyl
acyl	acyl	CH ₃	NH ₂	SH
acyl	acyl	CH ₃	NH ₂	SMe
acyl	acyl	CH ₃	NH ₂	SEt
acyl	acyl	CH ₃	NH ₂	S-cyclopropyl
acyl	acyl	CH ₃	NH ₂	F

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TABLE 14-continued

	R ²	R ³	X ¹	X ²	Y
5	acyl	acyl	CH ₃	NH ₂	Cl
	acyl	acyl	CH ₃	NH ₂	Br
	acyl	acyl	CH ₃	NH ₂	I
	acyl	amino acid	CH ₃	NH ₂	H
	acyl	amino acid	CH ₃	NH ₂	NH ₂
	acyl	amino acid	CH ₃	NH ₂	NH-cyclopropyl
10	acyl	amino acid	CH ₃	NH ₂	NH-methyl
	acyl	amino acid	CH ₃	NH ₂	NH-ethyl
	acyl	amino acid	CH ₃	NH ₂	NH-acetyl
	acyl	amino acid	CH ₃	NH ₂	OH
	acyl	amino acid	CH ₃	NH ₂	OMe
	acyl	amino acid	CH ₃	NH ₂	OEt
15	acyl	amino acid	CH ₃	NH ₂	O-cyclopropyl
	acyl	amino acid	CH ₃	NH ₂	O-acetyl
	acyl	amino acid	CH ₃	NH ₂	SH
	acyl	amino acid	CH ₃	NH ₂	SMe
	acyl	amino acid	CH ₃	NH ₂	SEt
	acyl	amino acid	CH ₃	NH ₂	S-cyclopropyl
20	acyl	amino acid	CH ₃	NH ₂	F
	acyl	amino acid	CH ₃	NH ₂	Cl
	acyl	amino acid	CH ₃	NH ₂	Br
	acyl	amino acid	CH ₃	NH ₂	I
	H	acyl	CH ₃	NH ₂	H
	H	acyl	CH ₃	NH ₂	NH ₂
25	H	acyl	CH ₃	NH ₂	NH-cyclopropyl
	H	acyl	CH ₃	NH ₂	NH-methyl
	H	acyl	CH ₃	NH ₂	NH-ethyl
	H	acyl	CH ₃	NH ₂	NH-acetyl
	H	acyl	CH ₃	NH ₂	OH
	H	acyl	CH ₃	NH ₂	OMe
30	H	acyl	CH ₃	NH ₂	OEt
	H	acyl	CH ₃	NH ₂	O-cyclopropyl
	H	acyl	CH ₃	NH ₂	O-acetyl
	H	acyl	CH ₃	NH ₂	SH
	H	acyl	CH ₃	NH ₂	SMe
	H	acyl	CH ₃	NH ₂	SEt
35	H	acyl	CH ₃	NH ₂	S-cyclopropyl
	H	acyl	CH ₃	NH ₂	F
	H	acyl	CH ₃	NH ₂	Cl
	H	acyl	CH ₃	NH ₂	Br
	H	acyl	CH ₃	NH ₂	I
	H	amino acid	CH ₃	NH ₂	H
40	H	amino acid	CH ₃	NH ₂	NH ₂
	H	amino acid	CH ₃	NH ₂	NH-cyclopropyl
	H	amino acid	CH ₃	NH ₂	NH-methyl
	H	amino acid	CH ₃	NH ₂	NH-ethyl
	H	amino acid	CH ₃	NH ₂	NH-acetyl
	H	amino acid	CH ₃	NH ₂	OH
45	H	amino acid	CH ₃	NH ₂	OMe
	H	amino acid	CH ₃	NH ₂	OEt
	H	amino acid	CH ₃	NH ₂	O-cyclopropyl
	H	amino acid	CH ₃	NH ₂	O-acetyl
	H	amino acid	CH ₃	NH ₂	SH
	H	amino acid	CH ₃	NH ₂	SMe
50	H	amino acid	CH ₃	NH ₂	SEt
	H	amino acid	CH ₃	NH ₂	S-cyclopropyl
	H	amino acid	CH ₃	NH ₂	F
	H	amino acid	CH ₃	NH ₂	Cl
	H	amino acid	CH ₃	NH ₂	Br
	H	amino acid	CH ₃	NH ₂	I
55	amino acid	amino acid	CH ₃	NH ₂	H
	amino acid	amino acid	CH ₃	NH ₂	NH ₂
	amino acid	amino acid	CH ₃	NH ₂	NH-cyclopropyl
	amino acid	amino acid	CH ₃	NH ₂	NH-methyl
	amino acid	amino acid	CH ₃	NH ₂	NH-ethyl
	amino acid	amino acid	CH ₃	NH ₂	NH-acetyl
60	amino acid	amino acid	CH ₃	NH ₂	OH
	amino acid	amino acid	CH ₃	NH ₂	OMe
	amino acid	amino acid	CH ₃	NH ₂	OEt
	amino acid	amino acid	CH ₃	NH ₂	O-cyclopropyl
	amino acid	amino acid	CH ₃	NH ₂	O-acetyl
	amino acid	amino acid	CH ₃	NH ₂	SH
65	amino acid	amino acid	CH ₃	NH ₂	SMe
	amino acid	amino acid	CH ₃	NH ₂	SEt
	amino acid	amino acid	CH ₃	NH ₂	S-cyclopropyl
	amino acid	amino acid	CH ₃	NH ₂	F
	amino acid	amino acid	CH ₃	NH ₂	Cl
		amino acid	amino acid	CH ₃	NH ₂

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TABLE 14-continued

R ²	R ³	X ¹	X ²	Y
amino acid	amino acid	CH ₃	NH ₂	Br
amino acid	amino acid	CH ₃	NH ₂	I
amino acid	H	CH ₃	NH ₂	H
amino acid	H	CH ₃	NH ₂	NH ₃
amino acid	H	CH ₃	NH ₂	NH-cyclopropyl
amino acid	H	CH ₃	NH ₂	NH-methyl
amino acid	H	CH ₃	NH ₂	NH-ethyl
amino acid	H	CH ₃	NH ₂	NH-acetyl
amino acid	H	CH ₃	NH ₂	OH
amino acid	H	CH ₃	NH ₂	OMe
amino acid	H	CH ₃	NH ₂	OEt
amino acid	H	CH ₃	NH ₂	O-cyclopropyl
amino acid	H	CH ₃	NH ₂	O-acetyl
amino acid	H	CH ₃	NH ₂	SH
amino acid	H	CH ₃	NH ₂	SMe
amino acid	H	CH ₃	NH ₂	SEt
amino acid	H	CH ₃	NH ₂	S-cyclopropyl
amino acid	H	CH ₃	NH ₂	F
amino acid	H	CH ₃	NH ₂	Cl
amino acid	H	CH ₃	NH ₂	Br
amino acid	H	CH ₃	NH ₂	I
amino acid	acyl	CH ₃	NH ₂	H
amino acid	acyl	CH ₃	NH ₂	NH ₂
amino acid	acyl	CH ₃	NH ₂	NH-cyclopropyl
amino acid	acyl	CH ₃	NH ₂	NH-methyl
amino acid	acyl	CH ₃	NH ₂	NH-ethyl
amino acid	acyl	CH ₃	NH ₂	NH-acetyl
amino acid	acyl	CH ₃	NH ₂	OH
amino acid	acyl	CH ₃	NH ₂	OMe
amino acid	acyl	CH ₃	NH ₂	OEt
amino acid	acyl	CH ₃	NH ₂	O-cyclopropyl
amino acid	acyl	CH ₃	NH ₂	O-acetyl
amino acid	acyl	CH ₃	NH ₂	SH
amino acid	acyl	CH ₃	NH ₂	SMe
amino acid	acyl	CH ₃	NH ₂	SEt
amino acid	acyl	CH ₃	NH ₂	S-cyclopropyl
amino acid	acyl	CH ₃	NH ₂	F
amino acid	acyl	CH ₃	NH ₂	Cl
amino acid	acyl	CH ₃	NH ₂	Br
amino acid	acyl	CH ₃	NH ₂	I
acyl	H	CF ₃	NH ₂	H
acyl	H	CF ₃	NH ₂	NH ₂
acyl	H	CF ₃	NH ₂	NH-cyclopropyl
acyl	H	CF ₃	NH ₂	NH-methyl
acyl	H	CF ₃	NH ₂	NH-ethyl
acyl	H	CF ₃	NH ₂	NH-acetyl
acyl	H	CF ₃	NH ₂	OH
acyl	H	CF ₃	NH ₂	OMe
acyl	H	CF ₃	NH ₂	OEt
acyl	H	CF ₃	NH ₂	O-cyclopropyl
acyl	H	CF ₃	NH ₂	O-acetyl
acyl	H	CF ₃	NH ₂	SH
acyl	H	CF ₃	NH ₂	SMe
acyl	H	CF ₃	NH ₂	SEt
acyl	H	CF ₃	NH ₂	S-cyclopropyl
acyl	H	CF ₃	NH ₂	F
acyl	H	CF ₃	NH ₂	Cl
acyl	H	CF ₃	NH ₂	Br
acyl	H	CF ₃	NH ₂	I
acyl	acyl	CF ₃	NH ₂	H
acyl	acyl	CF ₃	NH ₂	NH ₂
acyl	acyl	CF ₃	NH ₂	NH-cyclopropyl
acyl	acyl	CF ₃	NH ₂	NH-methyl
acyl	acyl	CF ₃	NH ₂	NH-ethyl
acyl	acyl	CF ₃	NH ₂	NH-acetyl
acyl	acyl	CF ₃	NH ₂	OH
acyl	acyl	CF ₃	NH ₂	OMe
acyl	acyl	CF ₃	NH ₂	OEt
acyl	acyl	CF ₃	NH ₂	O-cyclopropyl
acyl	acyl	CF ₃	NH ₂	O-acetyl
acyl	acyl	CF ₃	NH ₂	SH
acyl	acyl	CF ₃	NH ₂	SMe
acyl	acyl	CF ₃	NH ₂	SEt
acyl	acyl	CF ₃	NH ₂	S-cyclopropyl
acyl	acyl	CF ₃	NH ₂	F
acyl	acyl	CF ₃	NH ₂	Cl
acyl	acyl	CF ₃	NH ₂	Br

TABLE 14-continued

R ²	R ³	X ¹	X ²	Y	
5	acyl	acyl	CF ₃	NH ₂	I
	acyl	amino acid	CF ₃	NH ₂	H
	acyl	amino acid	CF ₃	NH ₂	NH ₂
	acyl	amino acid	CF ₃	NH ₂	NH-cyclopropyl
	acyl	amino acid	CF ₃	NH ₂	NH-methyl
	acyl	amino acid	CF ₃	NH ₂	NH-ethyl
10	acyl	amino acid	CF ₃	NH ₂	NH-acetyl
	acyl	amino acid	CF ₃	NH ₂	OH
	acyl	amino acid	CF ₃	NH ₂	OMe
	acyl	amino acid	CF ₃	NH ₂	OEt
	acyl	amino acid	CF ₃	NH ₂	O-cyclopropyl
	acyl	amino acid	CF ₃	NH ₂	O-acetyl
15	acyl	amino acid	CF ₃	NH ₂	SH
	acyl	amino acid	CF ₃	NH ₂	SMe
	acyl	amino acid	CF ₃	NH ₂	SEt
	acyl	amino acid	CF ₃	NH ₂	S-cyclopropyl
	acyl	amino acid	CF ₃	NH ₂	F
	acyl	amino acid	CF ₃	NH ₂	Cl
20	acyl	amino acid	CF ₃	NH ₂	Br
	acyl	amino acid	CF ₃	NH ₂	I
	H	acyl	CF ₃	NH ₂	H
	H	acyl	CF ₃	NH ₂	NH ₂
	H	acyl	CF ₃	NH ₂	NH-cyclopropyl
	H	acyl	CF ₃	NH ₂	NH-methyl
25	H	acyl	CF ₃	NH ₂	NH-ethyl
	H	acyl	CF ₃	NH ₂	NH-acetyl
	H	acyl	CF ₃	NH ₂	OH
	H	acyl	CF ₃	NH ₂	OMe
	H	acyl	CF ₃	NH ₂	OEt
	H	acyl	CF ₃	NH ₂	O-cyclopropyl
	H	acyl	CF ₃	NH ₂	O-acetyl
30	H	acyl	CF ₃	NH ₂	SH
	H	acyl	CF ₃	NH ₂	SMe
	H	acyl	CF ₃	NH ₂	SEt
	H	acyl	CF ₃	NH ₂	S-cyclopropyl
	H	acyl	CF ₃	NH ₂	F
	H	acyl	CF ₃	NH ₂	Cl
35	H	acyl	CF ₃	NH ₂	Br
	H	acyl	CF ₃	NH ₂	I
	H	amino acid	CF ₃	NH ₂	H
	H	amino acid	CF ₃	NH ₂	NH ₂
	H	amino acid	CF ₃	NH ₂	NH-cyclopropyl
	H	amino acid	CF ₃	NH ₂	NH-methyl
40	H	amino acid	CF ₃	NH ₂	NH-ethyl
	H	amino acid	CF ₃	NH ₂	NH-acetyl
	H	amino acid	CF ₃	NH ₂	OH
	H	amino acid	CF ₃	NH ₂	OMe
	H	amino acid	CF ₃	NH ₂	OEt
	H	amino acid	CF ₃	NH ₂	O-cyclopropyl
	H	amino acid	CF ₃	NH ₂	O-acetyl
45	H	amino acid	CF ₃	NH ₂	SH
	H	amino acid	CF ₃	NH ₂	SMe
	H	amino acid	CF ₃	NH ₂	SEt
	H	amino acid	CF ₃	NH ₂	S-cyclopropyl
	H	amino acid	CF ₃	NH ₂	F
	H	amino acid	CF ₃	NH ₂	Cl
50	H	amino acid	CF ₃	NH ₂	Br
	H	amino acid	CF ₃	NH ₂	I
	amino acid	amino acid	CF ₃	NH ₂	H
	amino acid	amino acid	CF ₃	NH ₂	NH ₂
	amino acid	amino acid	CF ₃	NH ₂	NH-cyclopropyl
	amino acid	amino acid	CF ₃	NH ₂	NH-methyl
55	amino acid	amino acid	CF ₃	NH ₂	NH-ethyl
	amino acid	amino acid	CF ₃	NH ₂	NH-acetyl
	amino acid	amino acid	CF ₃	NH ₂	OH
	amino acid	amino acid	CF ₃	NH ₂	OMe
	amino acid	amino acid	CF ₃	NH ₂	OEt
	amino acid	amino acid	CF ₃	NH ₂	O-cyclopropyl
	amino acid	amino acid	CF ₃	NH ₂	O-acetyl
60	amino acid	amino acid	CF ₃	NH ₂	SH
	amino acid	amino acid	CF ₃	NH ₂	SMe
	amino acid	amino acid	CF ₃	NH ₂	SEt
	amino acid	amino acid	CF ₃	NH ₂	S-cyclopropyl
	amino acid	amino acid	CF ₃	NH ₂	F
65	amino acid	amino acid	CF ₃	NH ₂	Cl
	amino acid	amino acid	CF ₃	NH ₂	Br
	amino acid	amino acid	CF ₃	NH ₂	I

TABLE 14-continued

R ²	R ³	X ¹	X ²	Y
amino acid	H	CF ₃	NH ₂	H
amino acid	H	CF ₃	NH ₂	NH ₂
amino acid	H	CF ₃	NH ₂	NH-cyclopropyl
amino acid	H	CF ₃	NH ₂	NH-methyl
amino acid	H	CF ₃	NH ₂	NH-ethyl
amino acid	H	CF ₃	NH ₂	NH-acetyl
amino acid	H	CF ₃	NH ₂	OH
amino acid	H	CF ₃	NH ₂	OMe
amino acid	H	CF ₃	NH ₂	OEt
amino acid	H	CF ₃	NH ₂	O-cyclopropyl
amino acid	H	CF ₃	NH ₂	O-acetyl
amino acid	H	CF ₃	NH ₂	SH
amino acid	H	CF ₃	NH ₂	SMe
amino acid	H	CF ₃	NH ₂	SEt
amino acid	H	CF ₃	NH ₂	S-cyclopropyl
amino acid	H	CF ₃	NH ₂	F
amino acid	H	CF ₃	NH ₂	Cl
amino acid	H	CF ₃	NH ₂	Br
amino acid	H	CF ₃	NH ₂	I
amino acid	acyl	CF ₃	NH ₂	H
amino acid	acyl	CF ₃	NH ₂	NH ₂
amino acid	acyl	CF ₃	NH ₂	NH-cyclopropyl
amino acid	acyl	CF ₃	NH ₂	NH-methyl
amino acid	acyl	CF ₃	NH ₂	NH-ethyl
amino acid	acyl	CF ₃	NH ₂	NH-acetyl
amino acid	acyl	CF ₃	NH ₂	OH
amino acid	acyl	CF ₃	NH ₂	OMe
amino acid	acyl	CF ₃	NH ₂	OEt
amino acid	acyl	CF ₃	NH ₂	O-cyclopropyl
amino acid	acyl	CF ₃	NH ₂	O-acetyl
amino acid	acyl	CF ₃	NH ₂	SH
amino acid	acyl	CF ₃	NH ₂	SMe
amino acid	acyl	CF ₃	NH ₂	SEt
amino acid	acyl	CF ₃	NH ₂	S-cyclopropyl
amino acid	acyl	CF ₃	NH ₂	F
amino acid	acyl	CF ₃	NH ₂	Cl
amino acid	acyl	CF ₃	NH ₂	Br
amino acid	acyl	CF ₃	NH ₂	I
acyl	H	Br	NH ₂	H
acyl	H	Br	NH ₂	NH ₂
acyl	H	Br	NH ₂	NH-cyclopropyl
acyl	H	Br	NH ₂	NH-methyl
acyl	H	Br	NH ₂	NH-ethyl
acyl	H	Br	NH ₂	NH-acetyl
acyl	H	Br	NH ₂	OH
acyl	H	Br	NH ₂	OMe
acyl	H	Br	NH ₂	OEt
acyl	H	Br	NH ₂	O-cyclopropyl
acyl	H	Br	NH ₂	O-acetyl
acyl	H	Br	NH ₂	SH
acyl	H	Br	NH ₂	SMe
acyl	H	Br	NH ₂	SEt
acyl	H	Br	NH ₂	S-cyclopropyl
acyl	H	Br	NH ₂	F
acyl	H	Br	NH ₂	Cl
acyl	H	Br	NH ₂	Br
acyl	H	Br	NH ₂	I
acyl	acyl	Br	NH ₂	H
acyl	acyl	Br	NH ₂	NH ₂
acyl	acyl	Br	NH ₂	NH-cyclopropyl
acyl	acyl	Br	NH ₂	NH-methyl
acyl	acyl	Br	NH ₂	NH-ethyl
acyl	acyl	Br	NH ₂	NH-acetyl
acyl	acyl	Br	NH ₂	OH
acyl	acyl	Br	NH ₂	OMe
acyl	acyl	Br	NH ₂	OEt
acyl	acyl	Br	NH ₂	O-cyclopropyl
acyl	acyl	Br	NH ₂	O-acetyl
acyl	acyl	Br	NH ₂	SH
acyl	acyl	Br	NH ₂	SMe
acyl	acyl	Br	NH ₂	SEt
acyl	acyl	Br	NH ₂	S-cyclopropyl
acyl	acyl	Br	NH ₂	F
acyl	acyl	Br	NH ₂	Cl
acyl	acyl	Br	NH ₂	Br
acyl	acyl	Br	NH ₂	I
acyl	amino acid	Br	NH ₂	H

TABLE 14-continued

R ²	R ³	X ¹	X ²	Y
5	acyl	amino acid	Br	NH ₂
	acyl	amino acid	Br	NH-cyclopropyl
	acyl	amino acid	Br	NH-methyl
	acyl	amino acid	Br	NH-ethyl
	acyl	amino acid	Br	NH-acetyl
	acyl	amino acid	Br	OH
10	acyl	amino acid	Br	OMe
	acyl	amino acid	Br	OEt
	acyl	amino acid	Br	O-cyclopropyl
	acyl	amino acid	Br	O-acetyl
	acyl	amino acid	Br	SH
	acyl	amino acid	Br	SMe
15	acyl	amino acid	Br	SEt
	acyl	amino acid	Br	S-cyclopropyl
	acyl	amino acid	Br	F
	acyl	amino acid	Br	Cl
	acyl	amino acid	Br	Br
	acyl	amino acid	Br	I
20	H	acyl	Br	NH ₂
	H	acyl	Br	NH ₂
	H	acyl	Br	NH-cyclopropyl
	H	acyl	Br	NH-methyl
	H	acyl	Br	NH-ethyl
	H	acyl	Br	NH-acetyl
	H	acyl	Br	OH
25	H	acyl	Br	OMe
	H	acyl	Br	OEt
	H	acyl	Br	O-cyclopropyl
	H	acyl	Br	O-acetyl
	H	acyl	Br	SH
	H	acyl	Br	SMe
30	H	acyl	Br	SEt
	H	acyl	Br	S-cyclopropyl
	H	acyl	Br	F
	H	acyl	Br	Cl
	H	acyl	Br	Br
	H	acyl	Br	I
35	H	amino acid	Br	NH ₂
	H	amino acid	Br	NH ₂
	H	amino acid	Br	NH-cyclopropyl
	H	amino acid	Br	NH-methyl
	H	amino acid	Br	NH-ethyl
	H	amino acid	Br	NH-acetyl
	H	amino acid	Br	OH
40	H	amino acid	Br	OMe
	H	amino acid	Br	OEt
	H	amino acid	Br	O-cyclopropyl
	H	amino acid	Br	O-acetyl
	H	amino acid	Br	SH
45	H	amino acid	Br	SMe
	H	amino acid	Br	SEt
	H	amino acid	Br	S-cyclopropyl
	H	amino acid	Br	F
	H	amino acid	Br	Cl
	H	amino acid	Br	Br
	H	amino acid	Br	I
50	amino acid	amino acid	Br	NH ₂
	amino acid	amino acid	Br	NH ₂
	amino acid	amino acid	Br	NH-cyclopropyl
	amino acid	amino acid	Br	NH-methyl
	amino acid	amino acid	Br	NH-ethyl
	amino acid	amino acid	Br	NH-acetyl
55	amino acid	amino acid	Br	OH
	amino acid	amino acid	Br	OMe
	amino acid	amino acid	Br	OEt
	amino acid	amino acid	Br	O-cyclopropyl
	amino acid	amino acid	Br	O-acetyl
	amino acid	amino acid	Br	SH
60	amino acid	amino acid	Br	SMe
	amino acid	amino acid	Br	SEt
	amino acid	amino acid	Br	S-cyclopropyl
	amino acid	amino acid	Br	F
	amino acid	amino acid	Br	Cl
	amino acid	amino acid	Br	Br
	amino acid	amino acid	Br	I
65	amino acid	H	Br	NH ₂
	amino acid	H	Br	NH ₂

TABLE 14-continued

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TABLE 14-continued

R ²	R ³	X ¹	X ²	Y
amino acid	H	Cl	NH ₂	NH-ethyl
amino acid	H	Cl	NH ₂	NH-acetyl
amino acid	H	Cl	NH ₂	OH
amino acid	H	Cl	NH ₂	OMe
amino acid	H	Cl	NH ₂	SEt
amino acid	H	Cl	NH ₂	O-cyclopropyl
amino acid	H	Cl	NH ₂	O-acetyl
amino acid	H	Cl	NH ₂	SH
amino acid	H	Cl	NH ₂	SMe
amino acid	H	Cl	NH ₂	SEt
amino acid	H	Cl	NH ₂	S-cyclopropyl
amino acid	H	Cl	NH ₂	F
amino acid	H	Cl	NH ₂	Cl
amino acid	H	Cl	NH ₂	Br
amino acid	H	Cl	NH ₂	I
amino acid	acyl	Cl	NH ₂	H
amino acid	acyl	Cl	NH ₂	NH ₂
amino acid	acyl	Cl	NH ₂	NH-cyclopropyl
amino acid	acyl	Cl	NH ₂	NH-methyl
amino acid	acyl	Cl	NH ₂	NH-ethyl
amino acid	acyl	Cl	NH ₂	NH-acetyl
amino acid	acyl	Cl	NH ₂	OH
amino acid	acyl	Cl	NH ₂	OMe
amino acid	acyl	Cl	NH ₂	OEt
amino acid	acyl	Cl	NH ₂	O-cyclopropyl
amino acid	acyl	Cl	NH ₂	O-acetyl
amino acid	acyl	Cl	NH ₂	SH
amino acid	acyl	Cl	NH ₂	SMe
amino acid	acyl	Cl	NH ₂	SEt
amino acid	acyl	Cl	NH ₂	S-cyclopropyl
amino acid	acyl	Cl	NH ₂	F
amino acid	acyl	Cl	NH ₂	Cl
amino acid	acyl	Cl	NH ₂	Br
amino acid	acyl	Cl	NH ₂	I
acyl	H	F	NH ₂	H
acyl	H	F	NH ₂	NH ₂
acyl	H	F	NH ₂	NH-cyclopropyl
acyl	H	F	NH ₂	NH-methyl
acyl	H	F	NH ₂	NH-ethyl
acyl	H	F	NH ₂	NH-acetyl
acyl	H	F	NH ₂	OH
acyl	H	F	NH ₂	OMe
acyl	H	F	NH ₂	OEt
acyl	H	F	NH ₂	O-cyclopropyl
acyl	H	F	NH ₂	O-acetyl
acyl	H	F	NH ₂	SH
acyl	H	F	NH ₂	SMe
acyl	H	F	NH ₂	SEt
acyl	H	F	NH ₂	S-cyclopropyl
acyl	H	F	NH ₂	F
acyl	H	F	NH ₂	Cl
acyl	H	F	NH ₂	Br
acyl	H	F	NH ₂	I
acyl	acyl	F	NH ₂	H
acyl	acyl	F	NH ₂	NH ₂
acyl	acyl	F	NH ₂	NH-cyclopropyl
acyl	acyl	F	NH ₂	NH-methyl
acyl	acyl	F	NH ₂	NH-ethyl
acyl	acyl	F	NH ₂	NH-acetyl
acyl	acyl	F	NH ₂	OH
acyl	acyl	F	NH ₂	OMe
acyl	acyl	F	NH ₂	OEt
acyl	acyl	F	NH ₂	O-cyclopropyl
acyl	acyl	F	NH ₂	O-acetyl
acyl	acyl	F	NH ₂	SH
acyl	acyl	F	NH ₂	SMe
acyl	acyl	F	NH ₂	SEt
acyl	acyl	F	NH ₂	S-cyclopropyl
acyl	acyl	F	NH ₂	F
acyl	acyl	F	NH ₂	Cl
acyl	acyl	F	NH ₂	Br
acyl	acyl	F	NH ₂	I
acyl	amino acid	F	NH ₂	H
acyl	amino acid	F	NH ₂	NH ₂
acyl	amino acid	F	NH ₂	NH-cyclopropyl
acyl	amino acid	F	NH ₂	NH-methyl
acyl	amino acid	F	NH ₂	NH-ethyl

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TABLE 14-continued

	R ²	R ³	X ¹	X ²	Y
5	acyl	amino acid	F	NH ₂	NH-acetyl
	acyl	amino acid	F	NH ₂	OH
	acyl	amino acid	F	NH ₂	OMe
	acyl	amino acid	F	NH ₂	OEt
	acyl	amino acid	F	NH ₂	O-cyclopropyl
	acyl	amino acid	F	NH ₂	O-acetyl
10	acyl	amino acid	F	NH ₂	SH
	acyl	amino acid	F	NH ₂	SMe
	acyl	amino acid	F	NH ₂	SEt
	acyl	amino acid	F	NH ₂	S-cyclopropyl
	acyl	amino acid	F	NH ₂	F
	acyl	amino acid	F	NH ₂	Cl
15	acyl	amino acid	F	NH ₂	Br
	acyl	amino acid	F	NH ₂	I
	H	acyl	F	NH ₂	H
	H	acyl	F	NH ₂	NH ₃
	H	acyl	F	NH ₂	NH-cyclopropyl
	H	acyl	F	NH ₂	NH-methyl
20	H	acyl	F	NH ₂	NH-ethyl
	H	acyl	F	NH ₂	NH-acetyl
	H	acyl	F	NH ₂	OH
	H	acyl	F	NH ₂	OMe
	H	acyl	F	NH ₂	OEt
	H	acyl	F	NH ₂	O-cyclopropyl
	H	acyl	F	NH ₂	O-acetyl
25	H	acyl	F	NH ₂	SH
	H	acyl	F	NH ₂	SMe
	H	acyl	F	NH ₂	SEt
	H	acyl	F	NH ₂	S-cyclopropyl
	H	acyl	F	NH ₂	F
	H	acyl	F	NH ₂	Cl
30	H	acyl	F	NH ₂	Br
	H	acyl	F	NH ₂	I
	H	amino acid	F	NH ₂	H
	H	amino acid	F	NH ₂	NH ₂
	H	amino acid	F	NH ₂	NH-cyclopropyl
	H	amino acid	F	NH ₂	NH-methyl
35	H	amino acid	F	NH ₂	NH-ethyl
	H	amino acid	F	NH ₂	NH-acetyl
	H	amino acid	F	NH ₂	OH
	H	amino acid	F	NH ₂	OMe
	H	amino acid	F	NH ₂	OEt
	H	amino acid	F	NH ₂	O-cyclopropyl
	H	amino acid	F	NH ₂	O-acetyl
40	H	amino acid	F	NH ₂	SH
	H	amino acid	F	NH ₂	SMe
	H	amino acid	F	NH ₂	SEt
	H	amino acid	F	NH ₂	S-cyclopropyl
	H	amino acid	F	NH ₂	F
	H	amino acid	F	NH ₂	Cl
45	H	amino acid	F	NH ₂	Br
	H	amino acid	F	NH ₂	I
	amino acid	amino acid	F	NH ₂	H
	amino acid	amino acid	F	NH ₂	NH ₂
	amino acid	amino acid	F	NH ₂	NH-cyclopropyl
	amino acid	amino acid	F	NH ₂	NH-methyl
50	amino acid	amino acid	F	NH ₂	NH-ethyl
	amino acid	amino acid	F	NH ₂	NH-acetyl
	amino acid	amino acid	F	NH ₂	OH
	amino acid	amino acid	F	NH ₂	OMe
	amino acid	amino acid	F	NH ₂	OEt
	amino acid	amino acid	F	NH ₂	O-cyclopropyl
55	amino acid	amino acid	F	NH ₂	O-acetyl
	amino acid	amino acid	F	NH ₂	SH
	amino acid	amino acid	F	NH ₂	SMe
	amino acid	amino acid	F	NH ₂	SEt
	amino acid	amino acid	F	NH ₂	S-cyclopropyl
	amino acid	amino acid	F	NH ₂	F
	amino acid	amino acid	F	NH ₂	Cl
60	amino acid	amino acid	F	NH ₂	Br
	amino acid	amino acid	F	NH ₂	I
	amino acid	H	F	NH ₂	H
	amino acid	H	F	NH ₂	NH ₃
	amino acid	H	F	NH ₂	NH-cyclopropyl
	amino acid	H	F	NH ₂	NH-methyl
65	amino acid	H	F	NH ₂	NH-ethyl
	amino acid	H	F	NH ₂	NH-acetyl

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TABLE 14-continued

R ²	R ³	X ¹	X ²	Y
amino acid	H	F	NH ₂	OH
amino acid	H	F	NH ₂	OMe
amino acid	H	F	NH ₂	OEt
amino acid	H	F	NH ₂	O-cyclopropyl
amino acid	H	F	NH ₂	O-acetyl
amino acid	H	F	NH ₂	SH
amino acid	H	F	NH ₂	SMe
amino acid	H	F	NH ₂	SEt
amino acid	H	F	NH ₂	S-cyclopropyl
amino acid	H	F	NH ₂	F
amino acid	H	F	NH ₂	Cl
amino acid	H	F	NH ₂	Br
amino acid	H	F	NH ₂	I
amino acid	acyl	F	NH ₂	H
amino acid	acyl	F	NH ₂	NH ₂
amino acid	acyl	F	NH ₂	NH-cyclopropyl
amino acid	acyl	F	NH ₂	NH-methyl
amino acid	acyl	F	NH ₂	NH-ethyl
amino acid	acyl	F	NH ₂	NH-acetyl
amino acid	acyl	F	NH ₂	OH
amino acid	acyl	F	NH ₂	OMe
amino acid	acyl	F	NH ₂	OEt
amino acid	acyl	F	NH ₂	O-cyclopropyl
amino acid	acyl	F	NH ₂	O-acetyl
amino acid	acyl	F	NH ₂	SH
amino acid	acyl	F	NH ₂	SMe
amino acid	acyl	F	NH ₂	SEt
amino acid	acyl	F	NH ₂	S-cyclopropyl
amino acid	acyl	F	NH ₂	F
amino acid	acyl	F	NH ₂	Cl
amino acid	acyl	F	NH ₂	Br
amino acid	acyl	F	NH ₂	I
acyl	H	NH ₂	NH ₂	H
acyl	H	NH ₂	NH ₂	NH ₂
acyl	H	NH ₂	NH ₂	NH-cyclopropyl
acyl	H	NH ₂	NH ₂	NH-methyl
acyl	H	NH ₂	NH ₂	NH-ethyl
acyl	H	NH ₂	NH ₂	NH-acetyl
acyl	H	NH ₂	NH ₂	OH
acyl	H	NH ₂	NH ₂	OMe
acyl	H	NH ₂	NH ₂	OEt
acyl	H	NH ₂	NH ₂	O-cyclopropyl
acyl	H	NH ₂	NH ₂	O-acetyl
acyl	H	NH ₂	NH ₂	SH
acyl	H	NH ₂	NH ₂	SMe
acyl	H	NH ₂	NH ₂	SEt
acyl	H	NH ₂	NH ₂	S-cyclopropyl
acyl	H	NH ₂	NH ₂	F
acyl	H	NH ₂	NH ₂	Cl
acyl	H	NH ₂	NH ₂	Br
acyl	H	NH ₂	NH ₂	I
acyl	acyl	NH ₂	NH ₂	H
acyl	acyl	NH ₂	NH ₂	NH ₂
acyl	acyl	NH ₂	NH ₂	NH-cyclopropyl
acyl	acyl	NH ₂	NH ₂	NH-methyl
acyl	acyl	NH ₂	NH ₂	NH-ethyl
acyl	acyl	NH ₂	NH ₂	NH-acetyl
acyl	acyl	NH ₂	NH ₂	OH
acyl	acyl	NH ₂	NH ₂	OMe
acyl	acyl	NH ₂	NH ₂	OEt
acyl	acyl	NH ₂	NH ₂	O-cyclopropyl
acyl	acyl	NH ₂	NH ₂	O-acetyl
acyl	acyl	NH ₂	NH ₂	SH
acyl	acyl	NH ₂	NH ₂	SMe
acyl	acyl	NH ₂	NH ₂	SEt
acyl	acyl	NH ₂	NH ₂	S-cyclopropyl
acyl	acyl	NH ₂	NH ₂	F
acyl	acyl	NH ₂	NH ₂	Cl
acyl	acyl	NH ₂	NH ₂	Br
acyl	acyl	NH ₂	NH ₂	I
acyl	amino acid	NH ₂	NH ₂	H
acyl	amino acid	NH ₂	NH ₂	NH ₂
acyl	amino acid	NH ₂	NH ₂	NH-cyclopropyl
acyl	amino acid	NH ₂	NH ₂	NH-methyl
acyl	amino acid	NH ₂	NH ₂	NH-ethyl
acyl	amino acid	NH ₂	NH ₂	NH-acetyl
acyl	amino acid	NH ₂	NH ₂	OH

TABLE 14-continued

	R ²	R ³	X ¹	X ²	Y	
5	acyl	amino acid	NH ₂	NH ₂	OMe	
	acyl	amino acid	NH ₂	NH ₂	CEt	
	acyl	amino acid	NH ₂	NH ₂	O-cyclopropyl	
	acyl	amino acid	NH ₂	NH ₂	O-acetyl	
	acyl	amino acid	NH ₂	NH ₂	SH	
10	acyl	amino acid	NH ₂	NH ₂	SMe	
	acyl	amino acid	NH ₂	NH ₂	SEt	
	acyl	amino acid	NH ₂	NH ₂	S-cyclopropyl	
	acyl	amino acid	NH ₂	NH ₂	F	
	acyl	amino acid	NH ₂	NH ₂	Cl	
	acyl	amino acid	NH ₂	NH ₂	Br	
	acyl	amino acid	NH ₂	NH ₂	I	
	15	H	acyl	NH ₂	NH ₂	H
		H	acyl	NH ₂	NH ₂	NH ₂
		H	acyl	NH ₂	NH ₂	NH-cyclopropyl
H		acyl	NH ₂	NH ₂	NH-methyl	
H		acyl	NH ₂	NH ₂	NH-ethyl	
	H	acyl	NH ₂	NH ₂	NH-acetyl	
	20	H	acyl	NH ₂	NH ₂	OH
		H	acyl	NH ₂	NH ₂	OMe
		H	acyl	NH ₂	NH ₂	OEt
		H	acyl	NH ₂	NH ₂	O-cyclopropyl
H		acyl	NH ₂	NH ₂	O-acetyl	
	H	acyl	NH ₂	NH ₂	SH	
	25	H	acyl	NH ₂	NH ₂	SMe
		H	acyl	NH ₂	NH ₂	SEt
		H	acyl	NH ₂	NH ₂	S-cyclopropyl
		H	acyl	NH ₂	NH ₂	F
H		acyl	NH ₂	NH ₂	Cl	
	H	acyl	NH ₂	NH ₂	Br	
	30	H	acyl	NH ₂	NH ₂	I
		H	amino acid	NH ₂	NH ₂	H
		H	amino acid	NH ₂	NH ₂	NH ₂
		H	amino acid	NH ₂	NH ₂	NH-cyclopropyl
H		amino acid	NH ₂	NH ₂	NH-methyl	
	H	amino acid	NH ₂	NH ₂	NH-ethyl	
	35	H	amino acid	NH ₂	NH ₂	NH-acetyl
		H	amino acid	NH ₂	NH ₂	OH
		H	amino acid	NH ₂	NH ₂	OMe
		H	amino acid	NH ₂	NH ₂	OEt
H		amino acid	NH ₂	NH ₂	O-cyclopropyl	
	H	amino acid	NH ₂	NH ₂	O-acetyl	
	40	H	amino acid	NH ₂	NH ₂	SH
		H	amino acid	NH ₂	NH ₂	SMe
		H	amino acid	NH ₂	NH ₂	SEt
		H	amino acid	NH ₂	NH ₂	S-cyclopropyl
H		amino acid	NH ₂	NH ₂	F	
	H	amino acid	NH ₂	NH ₂	Cl	
	45	H	amino acid	NH ₂	NH ₂	Br
		H	amino acid	NH ₂	NH ₂	I
		amino acid	amino acid	NH ₂	NH ₂	H
		amino acid	amino acid	NH ₂	NH ₂	NH ₂
amino acid		amino acid	NH ₂	NH ₂	NH-cyclopropyl	
	amino acid	amino acid	NH ₂	NH ₂	NH-methyl	
	amino acid	amino acid	NH ₂	NH ₂	NH-ethyl	
	amino acid	amino acid	NH ₂	NH ₂	NH-acetyl	
	50	amino acid	amino acid	NH ₂	NH ₂	OH
		amino acid	amino acid	NH ₂	NH ₂	OMe
amino acid		amino acid	NH ₂	NH ₂	OEt	
amino acid		amino acid	NH ₂	NH ₂	O-cyclopropyl	
amino acid		amino acid	NH ₂	NH ₂	O-acetyl	
	amino acid	amino acid	NH ₂	NH ₂	SH	
	55	amino acid	amino acid	NH ₂	NH ₂	SMe
		amino acid	amino acid	NH ₂	NH ₂	SEt
		amino acid	amino acid	NH ₂	NH ₂	S-cyclopropyl
		amino acid	amino acid	NH ₂	NH ₂	F
amino acid		amino acid	NH ₂	NH ₂	Cl	
	amino acid	amino acid	NH ₂	NH ₂	Br	
	60	amino acid	amino acid	NH ₂	NH ₂	I
		amino acid	H	NH ₂	NH ₂	H
		amino acid	H	NH ₂	NH ₂	NH ₂
		amino acid	H	NH ₂	NH ₂	NH-cyclopropyl
amino acid		H	NH ₂	NH ₂	NH-methyl	
	amino acid	H	NH ₂	NH ₂	NH-ethyl	
	65	amino acid	H	NH ₂	NH ₂	NH-acetyl
		amino acid	H	NH ₂	NH ₂	OH
		amino acid	H	NH ₂	NH ₂	OMe

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TABLE 14-continued

R ²	R ³	X ¹	X ²	Y
amino acid	H	NH ₂	NH ₂	OF ₁
amino acid	H	NH ₂	NH ₂	O-cyclopropyl
amino acid	H	NH ₂	NH ₂	O-acetyl
amino acid	H	NH ₂	NH ₂	SH
amino acid	H	NH ₂	NH ₂	SMe
amino acid	H	NH ₂	NH ₂	SEt
amino acid	H	NH ₂	NH ₂	S-cyclopropyl
amino acid	H	NH ₂	NH ₂	F
amino acid	H	NH ₂	NH ₂	Cl
amino acid	H	NH ₂	NH ₂	Br
amino acid	H	NH ₂	NH ₂	I
amino acid	acyl	NH ₂	NH ₂	H
amino acid	acyl	NH ₂	NH ₂	NH ₂
amino acid	acyl	NH ₂	NH ₂	NH-cyclopropyl
amino acid	acyl	NH ₂	NH ₂	NH-methyl
amino acid	acyl	NH ₂	NH ₂	NH-ethyl
amino acid	acyl	NH ₂	NH ₂	NH-acetyl
amino acid	acyl	NH ₂	NH ₂	OH
amino acid	acyl	NH ₂	NH ₂	OMe
amino acid	acyl	NH ₂	NH ₂	OF ₁
amino acid	acyl	NH ₂	NH ₂	O-cyclopropyl
amino acid	acyl	NH ₂	NH ₂	O-acetyl
amino acid	acyl	NH ₂	NH ₂	SH
amino acid	acyl	NH ₂	NH ₂	SMe
amino acid	acyl	NH ₂	NH ₂	SEt
amino acid	acyl	NH ₂	NH ₂	S-cyclopropyl
amino acid	acyl	NH ₂	NH ₂	F
amino acid	acyl	NH ₂	NH ₂	Cl
amino acid	acyl	NH ₂	NH ₂	Br
amino acid	acyl	NH ₂	NH ₂	I
acyl	H	SH	NH ₂	H
acyl	H	SH	NH ₂	NH ₂
acyl	H	SH	NH ₂	NH-cyclopropyl
acyl	H	SH	NH ₂	NH-methyl
acyl	H	SH	NH ₂	NH-ethyl
acyl	H	SH	NH ₂	NH-acetyl
acyl	H	SH	NH ₂	OH
acyl	H	SH	NH ₂	OMe
acyl	H	SH	NH ₂	OEt
acyl	H	SH	NH ₂	O-cyclopropyl
acyl	H	SH	NH ₂	O-acetyl
acyl	H	SH	NH ₂	SH
acyl	H	SH	NH ₂	SMe
acyl	H	SH	NH ₂	SEt
acyl	H	SH	NH ₂	S-cyclopropyl
acyl	H	SH	NH ₂	F
acyl	H	SH	NH ₂	Cl
acyl	H	SH	NH ₂	Br
acyl	H	SH	NH ₂	I
acyl	acyl	SH	NH ₂	H
acyl	acyl	SH	NH ₂	NH ₂
acyl	acyl	SH	NH ₂	NH-cyclopropyl
acyl	acyl	SH	NH ₂	NH-methyl
acyl	acyl	SH	NH ₂	NH-ethyl
acyl	acyl	SH	NH ₂	NH-acetyl
acyl	acyl	SH	NH ₂	OH
acyl	acyl	SH	NH ₂	OMe
acyl	acyl	SH	NH ₂	OEt
acyl	acyl	SH	NH ₂	O-cyclopropyl
acyl	acyl	SH	NH ₂	O-acetyl
acyl	acyl	SH	NH ₂	SH
acyl	acyl	SH	NH ₂	SMe
acyl	acyl	SH	NH ₂	SEt
acyl	acyl	SH	NH ₂	S-cyclopropyl
acyl	acyl	SH	NH ₂	F
acyl	acyl	SH	NH ₂	Cl
acyl	acyl	SH	NH ₂	Br
acyl	acyl	SH	NH ₂	I
acyl	amino acid	SH	NH ₂	H
acyl	amino acid	SH	NH ₂	NH ₂
acyl	amino acid	SH	NH ₂	NH-cyclopropyl
acyl	amino acid	SH	NH ₂	NH-methyl
acyl	amino acid	SH	NH ₂	NH-ethyl
acyl	amino acid	SH	NH ₂	NH-acetyl
acyl	amino acid	SH	NH ₂	OH
acyl	amino acid	SH	NH ₂	OMe
acyl	amino acid	SH	NH ₂	OEt

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TABLE 14-continued

	R ²	R ³	X ¹	X ²	Y
5	acyl	amino acid	SH	NH ₂	O-cyclopropyl
	acyl	amino acid	SH	NH ₂	O-acetyl
	acyl	amino acid	SH	NH ₂	SH
	acyl	amino acid	SH	NH ₂	SMe
	acyl	amino acid	SH	NH ₂	SEt
	acyl	amino acid	SH	NH ₂	S-cyclopropyl
10	acyl	amino acid	SH	NH ₂	F
	acyl	amino acid	SH	NH ₂	Cl
	acyl	amino acid	SH	NH ₂	Br
	acyl	amino acid	SH	NH ₂	I
	H	acyl	SH	NH ₂	H
	H	acyl	SH	NH ₂	NH ₂
15	H	acyl	SH	NH ₂	NH-cyclopropyl
	H	acyl	SH	NH ₂	NH-methyl
	H	acyl	SH	NH ₂	NH-ethyl
	H	acyl	SH	NH ₂	NH-acetyl
	H	acyl	SH	NH ₂	OH
	H	acyl	SH	NH ₂	OMe
20	H	acyl	SH	NH ₂	OEt
	H	acyl	SH	NH ₂	O-cyclopropyl
	H	acyl	SH	NH ₂	O-acetyl
	H	acyl	SH	NH ₂	SH
	H	acyl	SH	NH ₂	SMe
	H	acyl	SH	NH ₂	SEt
	H	acyl	SH	NH ₂	S-cyclopropyl
25	H	acyl	SH	NH ₂	F
	H	acyl	SH	NH ₂	Cl
	H	acyl	SH	NH ₂	Br
	H	acyl	SH	NH ₂	I
	H	amino acid	SH	NH ₂	H
	H	amino acid	SH	NH ₂	NH ₂
30	H	amino acid	SH	NH ₂	NH-cyclopropyl
	H	amino acid	SH	NH ₂	NH-methyl
	H	amino acid	SH	NH ₂	NH-ethyl
	H	amino acid	SH	NH ₂	NH-acetyl
	H	amino acid	SH	NH ₂	OH
	H	amino acid	SH	NH ₂	OMe
35	H	amino acid	SH	NH ₂	OEt
	H	amino acid	SH	NH ₂	O-cyclopropyl
	H	amino acid	SH	NH ₂	O-acetyl
	H	amino acid	SH	NH ₂	SH
	H	amino acid	SH	NH ₂	SMe
	H	amino acid	SH	NH ₂	SEt
40	H	amino acid	SH	NH ₂	S-cyclopropyl
	H	amino acid	SH	NH ₂	F
	H	amino acid	SH	NH ₂	Cl
	H	amino acid	SH	NH ₂	Br
	H	amino acid	SH	NH ₂	I
	amino acid	amino acid	SH	NH ₂	H
	amino acid	amino acid	SH	NH ₂	NH ₂
45	amino acid	amino acid	SH	NH ₂	NH-cyclopropyl
	amino acid	amino acid	SH	NH ₂	NH-methyl
	amino acid	amino acid	SH	NH ₂	NH-ethyl
	amino acid	amino acid	SH	NH ₂	NH-acetyl
	amino acid	amino acid	SH	NH ₂	OH
	amino acid	amino acid	SH	NH ₂	OMe
50	amino acid	amino acid	SH	NH ₂	OEt
	amino acid	amino acid	SH	NH ₂	O-cyclopropyl
	amino acid	amino acid	SH	NH ₂	O-acetyl
	amino acid	amino acid	SH	NH ₂	SH
	amino acid	amino acid	SH	NH ₂	SMe
	amino acid	amino acid	SH	NH ₂	SEt
55	amino acid	amino acid	SH	NH ₂	S-cyclopropyl
	amino acid	amino acid	SH	NH ₂	F
	amino acid	amino acid	SH	NH ₂	Cl
	amino acid	amino acid	SH	NH ₂	Br
	amino acid	amino acid	SH	NH ₂	I
	amino acid	H	SH	NH ₂	H
	amino acid	H	SH	NH ₂	NH ₂
60	amino acid	H	SH	NH ₂	NH-cyclopropyl
	amino acid	H	SH	NH ₂	NH-methyl
	amino acid	H	SH	NH ₂	NH-ethyl
	amino acid	H	SH	NH ₂	NH-acetyl
	amino acid	H	SH	NH ₂	OH
	amino acid	H	SH	NH ₂	OMe
65	amino acid	H	SH	NH ₂	OEt
	amino acid	H	SH	NH ₂	O-cyclopropyl

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TABLE 14-continued

R ²	R ³	X ¹	X ²	Y
amino acid	H	SH	NH ₂	O-acetyl
amino acid	H	SH	NH ₂	SH
amino acid	H	SH	NH ₂	SMe
amino acid	H	SH	NH ₂	SEt
amino acid	H	SH	NH ₂	S-cyclopropyl
amino acid	H	SH	NH ₂	F
amino acid	H	SH	NH ₂	Cl
amino acid	H	SB	NH ₂	Br
amino acid	H	SB	NH ₂	I
amino acid	acyl	SH	NH ₂	H
amino acid	acyl	SH	NH ₂	NH ₂
amino acid	acyl	SH	NH ₂	NH-cyclopropyl
amino acid	acyl	SH	NH ₂	NH-methyl
amino acid	acyl	SB	NH ₂	NH-ethyl
amino acid	acyl	SH	NH ₂	NH-acetyl
amino acid	acyl	SH	NH ₂	OH
amino acid	acyl	SH	NH ₂	OMe
amino acid	acyl	SH	NH ₂	OEt
amino acid	acyl	SH	NH ₂	O-cyclopropyl
amino acid	acyl	SH	NH ₂	O-acetyl
amino acid	acyl	SH	NH ₂	SH
amino acid	acyl	SH	NH ₂	SMe
amino acid	acyl	SH	NH ₂	SEt
amino acid	acyl	SH	NH ₂	S-cyclopropyl
amino acid	acyl	SH	NH ₂	F
amino acid	acyl	SH	NH ₂	Cl
amino acid	acyl	SH	NH ₂	Br
amino acid	acyl	SH	NH ₂	I
acyl	H	OH	NH ₂	H
acyl	H	OH	NH ₂	NH ₂
acyl	H	OH	NH ₂	NH-cyclopropyl
acyl	H	OH	NH ₂	NH-methyl
acyl	H	OH	NH ₂	NH-ethyl
acyl	H	OH	NH ₂	NH-acetyl
acyl	H	OH	NH ₂	OH
acyl	H	OH	NH ₂	OMe
acyl	H	OH	NH ₂	OEt
acyl	H	OH	NH ₂	O-cyclopropyl
acyl	H	OH	NH ₂	O-acetyl
acyl	H	OH	NH ₂	SH
acyl	H	OH	NH ₂	SMe
acyl	H	OH	NH ₂	SEt
acyl	H	OH	NH ₂	S-cyclopropyl
acyl	H	OH	NH ₂	F
acyl	H	OH	NH ₂	Cl
acyl	H	OH	NH ₂	Br
acyl	H	OH	NH ₂	I
acyl	acyl	OH	NH ₂	H
acyl	acyl	OH	NH ₂	NH ₂
acyl	acyl	OH	NH ₂	NH-cyclopropyl
acyl	acyl	OH	NH ₂	NH-methyl
acyl	acyl	OH	NH ₂	NH-ethyl
acyl	acyl	OH	NH ₂	NH-acetyl
acyl	acyl	OH	NH ₂	OH
acyl	acyl	OH	NH ₂	OMe
acyl	acyl	OH	NH ₂	OEt
acyl	acyl	OH	NH ₂	O-cyclopropyl
acyl	acyl	OH	NH ₂	O-acetyl
acyl	acyl	OH	NH ₂	SH
acyl	acyl	OH	NH ₂	SMe
acyl	acyl	OH	NH ₂	SEt
acyl	acyl	OH	NH ₂	S-cyclopropyl
acyl	acyl	OH	NH ₂	F
acyl	acyl	OH	NH ₂	Cl
acyl	acyl	OH	NH ₂	Br
acyl	acyl	OH	NH ₂	I
acyl	amino acid	OH	NH ₂	H
acyl	amino acid	OH	NH ₂	NH ₂
acyl	amino acid	OH	NH ₂	NH-cyclopropyl
acyl	amino acid	OH	NH ₂	NH-methyl
acyl	amino acid	OH	NH ₂	NH-ethyl
acyl	amino acid	OH	NH ₂	NH-acetyl
acyl	amino acid	OH	NH ₂	OH
acyl	amino acid	OH	NH ₂	OMe
acyl	amino acid	OH	NH ₂	OEt
acyl	amino acid	OH	NH ₂	O-cyclopropyl
acyl	amino acid	OH	NH ₂	O-acetyl

TABLE 14-continued

	R ²	R ³	X ¹	X ²	Y
5	acyl	amino acid	OH	NH ₂	SH
	acyl	amino acid	OH	NH ₂	SMe
	acyl	amino acid	OH	NH ₂	SEt
	acyl	amino acid	OH	NH ₂	S-cyclopropyl
	acyl	amino acid	OH	NH ₂	F
10	acyl	amino acid	OH	NH ₂	Cl
	acyl	amino acid	OH	NH ₂	Br
	H	acyl	OH	NH ₂	I
	H	acyl	OH	NH ₂	H
	H	acyl	OH	NH ₂	NH ₂
	H	acyl	OH	NH ₂	NH-cyclopropyl
	H	acyl	OH	NH ₂	NH-methyl
15	H	acyl	OH	NH ₂	NH-ethyl
	H	acyl	OH	NH ₂	NH-acetyl
	H	acyl	OH	NH ₂	OH
	H	acyl	OH	NH ₂	OMe
	H	acyl	OH	NH ₂	OEt
	H	acyl	OH	NH ₂	O-cyclopropyl
	H	acyl	OH	NH ₂	O-acetyl
20	H	acyl	OH	NH ₂	SH
	H	acyl	OH	NH ₂	SMe
	H	acyl	OH	NH ₂	SEt
	H	acyl	OH	NH ₂	S-cyclopropyl
	H	acyl	OH	NH ₂	F
	H	acyl	OH	NH ₂	Cl
25	H	acyl	OH	NH ₂	Br
	H	acyl	OH	NH ₂	I
	H	amino acid	OH	NH ₂	H
	H	amino acid	OH	NH ₂	NH ₂
	H	amino acid	OH	NH ₂	NH-cyclopropyl
	H	amino acid	OH	NH ₂	NH-methyl
30	H	amino acid	OH	NH ₂	NH-ethyl
	H	amino acid	OH	NH ₂	NH-acetyl
	H	amino acid	OH	NH ₂	OH
	H	amino acid	OH	NH ₂	OMe
	H	amino acid	OH	NH ₂	OEt
	H	amino acid	OH	NH ₂	O-cyclopropyl
	H	amino acid	OH	NH ₂	O-acetyl
35	H	amino acid	OH	NH ₂	SH
	H	amino acid	OH	NH ₂	SMe
	H	amino acid	OH	NH ₂	SEt
	H	amino acid	OH	NH ₂	S-cyclopropyl
	H	amino acid	OH	NH ₂	F
40	H	amino acid	OH	NH ₂	Cl
	H	amino acid	OH	NH ₂	Br
	H	amino acid	OH	NH ₂	I
	amino acid	amino acid	OH	NH ₂	H
	amino acid	amino acid	OH	NH ₂	NH ₂
	amino acid	amino acid	OH	NH ₂	NH-cyclopropyl
	amino acid	amino acid	OH	NH ₂	NH-methyl
45	amino acid	amino acid	OH	NH ₂	NH-ethyl
	amino acid	amino acid	OH	NH ₂	NH-acetyl
	amino acid	amino acid	OH	NH ₂	OH
	amino acid	amino acid	OH	NH ₂	OMe
	amino acid	amino acid	OH	NH ₂	OEt
	amino acid	amino acid	OH	NH ₂	O-cyclopropyl
	amino acid	amino acid	OH	NH ₂	O-acetyl
50	amino acid	amino acid	OH	NH ₂	SH
	amino acid	amino acid	OH	NH ₂	SMe
	amino acid	amino acid	OH	NH ₂	SEt
	amino acid	amino acid	OH	NH ₂	S-cyclopropyl
	amino acid	amino acid	OH	NH ₂	F
55	amino acid	amino acid	OH	NH ₂	Cl
	amino acid	amino acid	OH	NH ₂	Br
	amino acid	amino acid	OH	NH ₂	I
	amino acid	H	OH	NH ₂	H
	amino acid	H	OH	NH ₂	NH ₂
	amino acid	H	OH	NH ₂	NH-cyclopropyl
	amino acid	H	OH	NH ₂	NH-methyl
60	amino acid	H	OH	NH ₂	NH-ethyl
	amino acid	H	OH	NH ₂	NH-acetyl
	amino acid	H	OH	NH ₂	OH
	amino acid	H	OH	NH ₂	OMe
	amino acid	H	OH	NH ₂	OEt
	amino acid	H	OH	NH ₂	O-cyclopropyl
	amino acid	H	OH	NH ₂	O-acetyl
65	amino acid	H	OH	NH ₂	SH

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TABLE 14-continued

R ²	R ³	X ¹	X ²	Y
amino acid	H	OH	NH ₂	SMe
amino acid	H	OH	NH ₂	SEt
amino acid	H	OH	NH ₂	S-cyclopropyl
amino acid	H	OH	NH ₂	F
amino acid	H	OH	NH ₂	Cl
amino acid	H	OH	NH ₂	Br
amino acid	H	OH	NH ₂	I
amino acid	acyl	OH	NH ₂	H
amino acid	acyl	OH	NH ₂	NH ₂
amino acid	acyl	OH	NH ₂	NH-cyclopropyl
amino acid	acyl	OH	NH ₂	NH-methyl
amino acid	acyl	OH	NH ₂	NH-ethyl
amino acid	acyl	OH	NH ₂	NH-acetyl
amino acid	acyl	OH	NH ₂	OH
amino acid	acyl	OH	NH ₂	OMe
amino acid	acyl	OH	NH ₂	OEt
amino acid	acyl	OH	NH ₂	O-cyclopropyl
amino acid	acyl	OH	NH ₂	O-acetyl
amino acid	acyl	OH	NH ₂	SH
amino acid	acyl	OH	NH ₂	SMe
amino acid	acyl	OH	NH ₂	SEt
amino acid	acyl	OH	NH ₂	S-cyclopropyl
amino acid	acyl	OH	NH ₂	F
amino acid	acyl	OH	NH ₂	Cl
amino acid	acyl	OH	NH ₂	Br
amino acid	acyl	OH	NH ₂	I
acyl	H	CH ₃	SH	H
acyl	H	CH ₃	SH	NH ₂
acyl	H	CH ₃	SH	NH-cyclopropyl
acyl	H	CH ₃	SH	NH-methyl
acyl	H	CH ₃	SH	NH-ethyl
acyl	H	CH ₃	SH	NH-acetyl
acyl	H	CH ₃	SH	OH
acyl	H	CH ₃	SH	OMe
acyl	H	CH ₃	SH	OEt
acyl	H	CH ₃	SH	O-cyclopropyl
acyl	H	CH ₃	SH	O-acetyl
acyl	H	CH ₃	SH	SH
acyl	H	CH ₃	SH	SMe
acyl	H	CH ₃	SH	SEt
acyl	H	CH ₃	SH	S-cyclopropyl
acyl	H	CH ₃	SH	F
acyl	H	CH ₃	SH	Cl
acyl	H	CH ₃	SH	Br
acyl	H	CH ₃	SH	I
acyl	acyl	CH ₃	SH	H
acyl	acyl	CH ₃	SH	NH ₂
acyl	acyl	CH ₃	SH	NH-cyclopropyl
acyl	acyl	CH ₃	SH	NH-methyl
acyl	acyl	CH ₃	SH	NH-ethyl
acyl	acyl	CH ₃	SH	NH-acetyl
acyl	acyl	CH ₃	SH	OH
acyl	acyl	CH ₃	SH	OMe
acyl	acyl	CH ₃	SH	OEt
acyl	acyl	CH ₃	SH	O-cyclopropyl
acyl	acyl	CH ₃	SH	O-acetyl
acyl	acyl	CH ₃	SH	SH
acyl	acyl	CH ₃	SH	SMe
acyl	acyl	CH ₃	SH	SEt
acyl	acyl	CH ₃	SH	S-cyclopropyl
acyl	acyl	CH ₃	SH	F
acyl	acyl	CH ₃	SH	Cl
acyl	acyl	CH ₃	SH	Br
acyl	acyl	CH ₃	SH	I
acyl	amino acid	CH ₃	SH	H
acyl	amino acid	CH ₃	SH	NH ₂
acyl	amino acid	CH ₃	SH	NH-cyclopropyl
acyl	amino acid	CH ₃	SH	NH-methyl
acyl	amino acid	CH ₃	SH	NH-ethyl
acyl	amino acid	CH ₃	SH	NH-acetyl
acyl	amino acid	CH ₃	SH	OH
acyl	amino acid	CH ₃	SH	OMe
acyl	amino acid	CH ₃	SH	OEt
acyl	amino acid	CH ₃	SH	O-cyclopropyl
acyl	amino acid	CH ₃	SH	O-acetyl
acyl	amino acid	CH ₃	SH	SH
acyl	amino acid	CH ₃	SH	SMe

TABLE 14-continued

	R ²	R ³	X ¹	X ²	Y
5	acyl	amino acid	CH ₃	SH	SEt
	acyl	amino acid	CH ₃	SH	S-cyclopropyl
	acyl	amino acid	CH ₃	SH	F
	acyl	amino acid	CH ₃	SH	Cl
	acyl	amino acid	CH ₃	SH	Br
	acyl	amino acid	CH ₃	SH	I
10	H	acyl	CH ₃	SH	H
	H	acyl	CH ₃	SH	NH ₂
	H	acyl	CH ₃	SH	NH-cyclopropyl
	H	acyl	CH ₃	SH	NH-methyl
	H	acyl	CH ₃	SH	NH-ethyl
	H	acyl	CH ₃	SH	NH-acetyl
15	H	acyl	CH ₃	SH	OH
	H	acyl	CH ₃	SH	OMe
	H	acyl	CH ₃	SH	OEt
	H	acyl	CH ₃	SH	O-cyclopropyl
	H	acyl	CH ₃	SH	O-acetyl
	H	acyl	CH ₃	SH	SH
20	H	acyl	CH ₃	SH	SMe
	H	acyl	CH ₃	SH	SEt
	H	acyl	CH ₃	SH	S-cyclopropyl
	H	acyl	CH ₃	SH	F
	H	acyl	CH ₃	SH	Cl
	H	acyl	CH ₃	SH	Br
	H	acyl	CH ₃	SH	I
25	H	amino acid	CH ₃	SH	H
	H	amino acid	CH ₃	SH	NH ₂
	H	amino acid	CH ₃	SH	NH-cyclopropyl
	H	amino acid	CH ₃	SH	NH-methyl
	H	amino acid	CH ₃	SH	NH-ethyl
	H	amino acid	CH ₃	SH	NH-acetyl
30	H	amino acid	CH ₃	SH	OH
	H	amino acid	CH ₃	SH	OMe
	H	amino acid	CH ₃	SH	OEt
	H	amino acid	CH ₃	SH	O-cyclopropyl
	H	amino acid	CH ₃	SH	O-acetyl
	H	amino acid	CH ₃	SH	SH
35	H	amino acid	CH ₃	SH	SMe
	H	amino acid	CH ₃	SH	SEt
	H	amino acid	CH ₃	SH	S-cyclopropyl
	H	amino acid	CH ₃	SH	F
	H	amino acid	CH ₃	SH	Cl
	H	amino acid	CH ₃	SH	Br
	H	amino acid	CH ₃	SH	I
40	amino acid	amino acid	CH ₃	SH	H
	amino acid	amino acid	CH ₃	SH	NH ₂
	amino acid	amino acid	CH ₃	SH	NH-cyclopropyl
	amino acid	amino acid	CH ₃	SH	NH-methyl
	amino acid	amino acid	CH ₃	SH	NH-ethyl
	amino acid	amino acid	CH ₃	SH	NH-acetyl
45	amino acid	amino acid	CH ₃	SH	OH
	amino acid	amino acid	CH ₃	SH	OMe
	amino acid	amino acid	CH ₃	SH	OEt
	amino acid	amino acid	CH ₃	SH	O-cyclopropyl
	amino acid	amino acid	CH ₃	SH	O-acetyl
	amino acid	amino acid	CH ₃	SH	SH
50	amino acid	amino acid	CH ₃	SH	SMe
	amino acid	amino acid	CH ₃	SH	SEt
	amino acid	amino acid	CH ₃	SH	S-cyclopropyl
	amino acid	amino acid	CH ₃	SH	F
	amino acid	amino acid	CH ₃	SH	Cl
	amino acid	amino acid	CH ₃	SH	Br
	amino acid	amino acid	CH ₃	SH	I
55	amino acid	H	CH ₃	SH	H
	amino acid	H	CH ₃	SH	NH ₂
	amino acid	H	CH ₃	SH	NH-cyclopropyl
	amino acid	H	CH ₃	SH	NH-methyl
	amino acid	H	CH ₃	SH	NH-ethyl
	amino acid	H	CH ₃	SH	NH-acetyl
60	amino acid	H	CH ₃	SH	OH
	amino acid	H	CH ₃	SH	OMe
	amino acid	H	CH ₃	SH	OEt
	amino acid	H	CH ₃	SH	O-cyclopropyl
	amino acid	H	CH ₃	SH	O-acetyl
	amino acid	H	CH ₃	SH	SH
65	amino acid	H	CH ₃	SH	SMe
	amino acid	H	CH ₃	SH	SEt

TABLE 14-continued

R ²	R ³	X ¹	X ²	Y
amino acid	H	CH ₃	SH	S-cyclopropyl
amino acid	H	CH ₃	SH	F
amino acid	H	CH ₃	SH	Cl
amino acid	H	CH ₃	SH	Br
amino acid	H	CH ₃	SH	I
amino acid	acyl	CH ₃	SH	H
amino acid	acyl	CH ₃	SH	NH ₂
amino acid	acyl	CH ₃	SH	NH-cyclopropyl
amino acid	acyl	CH ₃	SH	NH-methyl
amino acid	acyl	CH ₃	SH	NH-ethyl
amino acid	acyl	CH ₃	SH	NH-acetyl
amino acid	acyl	CH ₃	SH	OH
amino acid	acyl	CH ₃	SH	OMe
amino acid	acyl	CH ₃	SH	SEt
amino acid	acyl	CH ₃	SH	O-cyclopropyl
amino acid	acyl	CH ₃	SH	O-acetyl
amino acid	acyl	CH ₃	SH	SH
amino acid	acyl	CH ₃	SH	SMe
amino acid	acyl	CH ₃	SH	SEt
amino acid	acyl	CH ₃	SH	S-cyclopropyl
amino acid	acyl	CH ₃	SH	F
amino acid	acyl	CH ₃	SH	Cl
amino acid	acyl	CH ₃	SH	Br
amino acid	acyl	CH ₃	SH	I
acyl	H	CF ₃	SH	H
acyl	H	CF ₃	SH	NH ₂
acyl	H	CF ₃	SH	NH-cyclopropyl
acyl	H	CF ₃	SH	NH-methyl
acyl	H	CF ₃	SH	NH-ethyl
acyl	H	CF ₃	SH	NH-acetyl
acyl	H	CF ₃	SH	OH
acyl	H	CF ₃	SH	OMe
acyl	H	CF ₃	SH	SEt
acyl	H	CF ₃	SH	O-cyclopropyl
acyl	H	CF ₃	SH	O-acetyl
acyl	H	CF ₃	SH	SH
acyl	H	CF ₃	SH	SMe
acyl	H	CF ₃	SH	SEt
acyl	H	CF ₃	SH	S-cyclopropyl
acyl	H	CF ₃	SH	F
acyl	H	CF ₃	SH	Cl
acyl	H	CF ₃	SH	Br
acyl	H	CF ₃	SH	I
acyl	acyl	CF ₃	SH	H
acyl	acyl	CF ₃	SH	NH ₂
acyl	acyl	CF ₃	SH	NH-cyclopropyl
acyl	acyl	CF ₃	SH	NH-methyl
acyl	acyl	CF ₃	SH	NH-ethyl
acyl	acyl	CF ₃	SH	NH-acetyl
acyl	acyl	CF ₃	SH	OH
acyl	acyl	CF ₃	SH	OMe
acyl	acyl	CF ₃	SH	SEt
acyl	acyl	CF ₃	SH	O-cyclopropyl
acyl	acyl	CF ₃	SH	O-acetyl
acyl	acyl	CF ₃	SH	SH
acyl	acyl	CF ₃	SH	SMe
acyl	acyl	CF ₃	SH	SEt
acyl	acyl	CF ₃	SH	S-cyclopropyl
acyl	acyl	CF ₃	SH	F
acyl	acyl	CF ₃	SH	Cl
acyl	acyl	CF ₃	SH	Br
acyl	acyl	CF ₃	SH	I
acyl	amino acid	CF ₃	SH	H
acyl	amino acid	CF ₃	SH	NH ₂
acyl	amino acid	CF ₃	SH	NH-cyclopropyl
acyl	amino acid	CF ₃	SH	NH-methyl
acyl	amino acid	CF ₃	SH	NH-ethyl
acyl	amino acid	CF ₃	SH	NH-acetyl
acyl	amino acid	CF ₃	SH	OH
acyl	amino acid	CF ₃	SH	OMe
acyl	amino acid	CF ₃	SH	SEt
acyl	amino acid	CF ₃	SH	O-cyclopropyl
acyl	amino acid	CF ₃	SH	O-acetyl
acyl	amino acid	CF ₃	SH	SH
acyl	amino acid	CF ₃	SH	SMe
acyl	amino acid	CF ₃	SH	SEt
acyl	amino acid	CF ₃	SH	S-cyclopropyl
acyl	amino acid	CF ₃	SH	F
acyl	amino acid	CF ₃	SH	Cl
acyl	amino acid	CF ₃	SH	Br
acyl	amino acid	CF ₃	SH	I

TABLE 14-continued

	R ²	R ³	X ¹	X ²	Y
5	acyl	amino acid	CF ₃	SH	F
	acyl	amino acid	CF ₃	SH	Cl
	acyl	amino acid	CF ₃	SH	Br
	acyl	amino acid	CF ₃	SH	I
	acyl	acyl	CF ₃	SH	H
10	H	acyl	CF ₃	SH	NH ₂
	H	acyl	CF ₃	SH	NH-cyclopropyl
	H	acyl	CF ₃	SH	NH-methyl
	H	acyl	CF ₃	SH	NH-ethyl
	H	acyl	CF ₃	SH	NH-acetyl
	H	acyl	CF ₃	SH	OH
15	H	acyl	CF ₃	SH	OMe
	H	acyl	CF ₃	SH	OEt
	H	acyl	CF ₃	SH	O-cyclopropyl
	H	acyl	CF ₃	SH	O-acetyl
	H	acyl	CF ₃	SH	SH
	H	acyl	CF ₃	SH	SMe
20	H	acyl	CF ₃	SH	SEt
	H	acyl	CF ₃	SH	S-cyclopropyl
	H	acyl	CF ₃	SH	F
	H	acyl	CF ₃	SH	Cl
	H	acyl	CF ₃	SH	Br
	H	acyl	CF ₃	SH	I
25	H	amino acid	CF ₃	SH	H
	H	amino acid	CF ₃	SH	NH ₂
	H	amino acid	CF ₃	SH	NH-cyclopropyl
	H	amino acid	CF ₃	SH	NH-methyl
	H	amino acid	CF ₃	SH	NH-ethyl
	H	amino acid	CF ₃	SH	NH-acetyl
30	H	amino acid	CF ₃	SH	OH
	H	amino acid	CF ₃	SH	OMe
	H	amino acid	CF ₃	SH	OEt
	H	amino acid	CF ₃	SH	O-cyclopropyl
	H	amino acid	CF ₃	SH	O-acetyl
	H	amino acid	CF ₃	SH	SH
35	H	amino acid	CF ₃	SH	SMe
	H	amino acid	CF ₃	SH	SEt
	H	amino acid	CF ₃	SH	S-cyclopropyl
	H	amino acid	CF ₃	SH	F
	H	amino acid	CF ₃	SH	Cl
	H	amino acid	CF ₃	SH	Br
40	H	amino acid	CF ₃	SH	I
	amino acid	amino acid	CF ₃	SH	H
	amino acid	amino acid	CF ₃	SH	NH ₂
	amino acid	amino acid	CF ₂	SH	NH-cyclopropyl
	amino acid	amino acid	CF ₃	SH	NH-methyl
	amino acid	amino acid	CF ₃	SH	NH-ethyl
45	amino acid	amino acid	CF ₃	SH	NH-acetyl
	amino acid	amino acid	CF ₂	SH	OH
	amino acid	amino acid	CF ₃	SH	OMe
	amino acid	amino acid	CF ₃	SH	OEt
	amino acid	amino acid	CF ₃	SH	O-cyclopropyl
	amino acid	amino acid	CF ₃	SH	O-acetyl
50	amino acid	amino acid	CF ₃	SH	SH
	amino acid	amino acid	CF ₃	SH	SMe
	amino acid	amino acid	CF ₃	SH	SEt
	amino acid	amino acid	CF ₃	SH	S-cyclopropyl
	amino acid	amino acid	CF ₃	SH	F
	amino acid	amino acid	CF ₃	SH	Cl
55	amino acid	amino acid	CF ₃	SH	Br
	amino acid	amino acid	CF ₃	SH	I
	amino acid	H	CF ₃	SH	H
	amino acid	H	CF ₃	SH	NH ₂
	amino acid	H	CF ₃	SH	NH-cyclopropyl
	amino acid	H	CF ₃	SH	NH-methyl
60	amino acid	H	CF ₃	SH	NH-ethyl
	amino acid	H	CF ₃	SH	NH-acetyl
	amino acid	H	CF ₃	SH	OH
	amino acid	H	CF ₃	SH	OMe
	amino acid	H	CF ₃	SH	SEt
	amino acid	H	CF ₃	SH	O-cyclopropyl
65	amino acid	H	CF ₃	SH	O-acetyl
	amino acid	H	CF ₃	SH	SH
	amino acid	H	CF ₃	SH	SMe
	amino acid	H	CF ₃	SH	SEt
	amino acid	H	CF ₃	SH	S-cyclopropyl
	amino acid	H	CF ₃	SH	F

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TABLE 14-continued

R ²	R ³	X ¹	X ²	Y
amino acid	H	CF ₃	SH	Cl
amino acid	H	CF ₃	SH	Br
amino acid	H	CF ₃	SH	I
amino acid	acyl	CF ₃	SH	H
amino acid	acyl	CF ₃	SH	NH ₂
amino acid	acyl	CF ₃	SH	NH-cyclopropyl
amino acid	acyl	CF ₃	SH	NH-methyl
amino acid	acyl	CF ₃	SH	NH-ethyl
amino acid	acyl	CF ₃	SH	NH-acetyl
amino acid	acyl	CF ₃	SH	OH
amino acid	acyl	CF ₃	SH	OMe
amino acid	acyl	CF ₃	SH	SEt
amino acid	acyl	CF ₃	SH	O-cyclopropyl
amino acid	acyl	CF ₃	SH	O-acetyl
amino acid	acyl	CF ₃	SH	SH
amino acid	acyl	CF ₃	SH	SMe
amino acid	acyl	CF ₃	SH	SEt
amino acid	acyl	CF ₃	SH	S-cyclopropyl
amino acid	acyl	CF ₃	SH	F
amino acid	acyl	CF ₃	SH	Cl
amino acid	acyl	CF ₃	SH	Br
amino acid	acyl	CF ₃	SH	I
acyl	H	Br	SH	H
acyl	H	Br	SH	NH ₂
acyl	H	Br	SH	NH-cyclopropyl
acyl	H	Br	SH	NH-methyl
acyl	H	Br	SH	NH-ethyl
acyl	H	Br	SH	NH-acetyl
acyl	H	Br	SH	OH
acyl	H	Br	SH	OMe
acyl	H	Br	SH	OEt
acyl	H	Br	SH	O-cyclopropyl
acyl	H	Br	SH	O-acetyl
acyl	H	Br	SH	SH
acyl	H	Br	SH	SMe
acyl	H	Br	SH	SEt
acyl	H	Br	SH	S-cyclopropyl
acyl	H	Br	SH	F
acyl	H	Br	SH	Cl
acyl	H	Br	SH	Br
acyl	H	Br	SH	I
acyl	acyl	Br	SH	H
acyl	acyl	Br	SH	NH ₂
acyl	acyl	Br	SH	NH-cyclopropyl
acyl	acyl	Br	SH	NH-methyl
acyl	acyl	Br	SH	NH-ethyl
acyl	acyl	Br	SH	NH-acetyl
acyl	acyl	Br	SH	OH
acyl	acyl	Br	SH	OMe
acyl	acyl	Br	SH	OEt
acyl	acyl	Br	SH	O-cyclopropyl
acyl	acyl	Br	SH	O-acetyl
acyl	acyl	Br	SH	SH
acyl	acyl	Br	SH	SMe
acyl	acyl	Br	SH	SEt
acyl	acyl	Br	SH	S-cyclopropyl
acyl	acyl	Br	SH	F
acyl	acyl	Br	SH	Cl
acyl	acyl	Br	SH	Br
acyl	acyl	Br	SH	I
acyl	amino acid	Br	SH	H
acyl	amino acid	Br	SH	NH ₂
acyl	amino acid	Br	SH	NH-cyclopropyl
acyl	amino acid	Br	SH	NH-methyl
acyl	amino acid	Br	SH	NH-ethyl
acyl	amino acid	Br	SH	NH-acetyl
acyl	amino acid	Br	SH	OH
acyl	amino acid	Br	SH	OMe
acyl	amino acid	Br	SH	OEt
acyl	amino acid	Br	SH	O-cyclopropyl
acyl	amino acid	Br	SH	O-acetyl
acyl	amino acid	Br	SH	SH
acyl	amino acid	Br	SH	SMe
acyl	amino acid	Br	SH	SEt
acyl	amino acid	Br	SH	S-cyclopropyl
acyl	amino acid	Br	SH	F
acyl	amino acid	Br	SH	Cl

TABLE 14-continued

	R ²	R ³	X ¹	X ²	Y
5	acyl	amino acid	Br	SH	Br
	acyl	amino acid	Br	SH	I
	H	acyl	Br	SH	H
	H	acyl	Br	SH	NH ₂
	H	acyl	Br	SH	NH-cyclopropyl
	H	acyl	Br	SH	NH-methyl
10	H	acyl	Br	SH	NH-ethyl
	H	acyl	Br	SH	NH-acetyl
	H	acyl	Br	SH	OH
	H	acyl	Br	SH	OMe
	H	acyl	Br	SH	OEt
	H	acyl	Br	SH	O-cyclopropyl
15	H	acyl	Br	SH	O-acetyl
	H	acyl	Br	SH	SH
	H	acyl	Br	SH	SMe
	H	acyl	Br	SH	SEt
	H	acyl	Br	SH	S-cyclopropyl
	H	acyl	Br	SH	F
20	H	acyl	Br	SH	Cl
	H	acyl	Br	SH	Br
	H	acyl	Br	SH	I
	H	amino acid	Br	SH	H
	H	amino acid	Br	SH	NH ₂
	H	amino acid	Br	SH	NH-cyclopropyl
	H	amino acid	Br	SH	NH-methyl
25	H	amino acid	Br	SH	NH-ethyl
	H	amino acid	Br	SH	NH-acetyl
	H	amino acid	Br	SH	OH
	H	amino acid	Br	SH	OMe
	H	amino acid	Br	SH	OEt
	H	amino acid	Br	SH	O-cyclopropyl
30	H	amino acid	Br	SH	O-acetyl
	H	amino acid	Br	SH	SH
	H	amino acid	Br	SH	SMe
	H	amino acid	Br	SH	SEt
	H	amino acid	Br	SH	S-cyclopropyl
	H	amino acid	Br	SH	F
35	H	amino acid	Br	SH	Cl
	H	amino acid	Br	SH	Br
	H	amino acid	Br	SH	I
	amino acid	amino acid	Br	SH	H
	amino acid	amino acid	Br	SH	NH ₂
	amino acid	amino acid	Br	SH	NH-cyclopropyl
40	amino acid	amino acid	Br	SH	NH-methyl
	amino acid	amino acid	Br	SH	NH-ethyl
	amino acid	amino acid	Br	SH	NH-acetyl
	amino acid	amino acid	Br	SH	OH
	amino acid	amino acid	Br	SH	OMe
	amino acid	amino acid	Br	SH	OFt
	amino acid	amino acid	Br	SH	O-cyclopropyl
45	amino acid	amino acid	Br	SH	O-acetyl
	amino acid	amino acid	Br	SH	SH
	amino acid	amino acid	Br	SH	SMe
	amino acid	amino acid	Br	SH	SEt
	amino acid	amino acid	Br	SH	S-cyclopropyl
	amino acid	amino acid	Br	SH	F
50	amino acid	amino acid	Br	SH	Cl
	amino acid	amino acid	Br	SH	Br
	amino acid	amino acid	Br	SH	I
	amino acid	H	Br	SH	H
	amino acid	H	Br	SH	NH ₂
	amino acid	H	Br	SH	NH-cyclopropyl
55	amino acid	H	Br	SH	NH-methyl
	amino acid	H	Br	SH	NH-ethyl
	amino acid	H	Br	SH	NH-acetyl
	amino acid	H	Br	SH	OH
	amino acid	H	Br	SH	OMe
	amino acid	H	Br	SH	OEt
	amino acid	H	Br	SH	O-cyclopropyl
60	amino acid	H	Br	SH	O-acetyl
	amino acid	H	Br	SH	SH
	amino acid	H	Br	SH	SMe
	amino acid	H	Br	SH	SEt
	amino acid	H	Br	SH	S-cyclopropyl
	amino acid	H	Br	SH	F
65	amino acid	H	Br	SH	Cl
	amino acid	H	Br	SH	Br

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TABLE 14-continued

R ²	R ³	X ¹	X ²	Y
amino acid	H	Br	SH	I
amino acid	acyl	Br	SH	H
amino acid	acyl	Br	SH	NH ₂
amino acid	acyl	Br	SH	NH-cyclopropyl
amino acid	acyl	Br	SH	NH-methyl
amino acid	acyl	Br	SH	NH-ethyl
amino acid	acyl	Br	SH	NH-acetyl
amino acid	acyl	Br	SH	OH
amino acid	acyl	Br	SH	OMe
amino acid	acyl	Br	SH	OEt
amino acid	acyl	Br	SH	O-cyclopropyl
amino acid	acyl	Br	SH	O-acetyl
amino acid	acyl	Br	SH	SH
amino acid	acyl	Br	SH	SMe
amino acid	acyl	Br	SH	SEt
amino acid	acyl	Br	SH	S-cyclopropyl
amino acid	acyl	Br	SH	F
amino acid	acyl	Br	SH	Cl
amino acid	acyl	Br	SH	Br
amino acid	acyl	Br	SH	I
acyl	H	Cl	SH	H
acyl	H	Cl	SH	NH ₂
acyl	H	Cl	SH	NH-cyclopropyl
acyl	H	Cl	SH	NH-methyl
acyl	H	Cl	SH	NH-ethyl
acyl	H	Cl	SH	NH-acetyl
acyl	H	Cl	SH	OH
acyl	H	Cl	SH	OMe
acyl	H	Cl	SH	OEt
acyl	H	Cl	SH	O-cyclopropyl
acyl	H	Cl	SH	O-acetyl
acyl	H	Cl	SH	SH
acyl	H	Cl	SH	SMe
acyl	H	Cl	SH	SEt
acyl	H	Cl	SH	S-cyclopropyl
acyl	H	Cl	SH	F
acyl	H	Cl	SH	Cl
acyl	H	Cl	SH	Br
acyl	H	Cl	SH	I
acyl	acyl	Cl	SH	H
acyl	acyl	Cl	SH	NH ₂
acyl	acyl	Cl	SH	NH-cyclopropyl
acyl	acyl	Cl	SH	NH-methyl
acyl	acyl	Cl	SH	NH-ethyl
acyl	acyl	Cl	SH	NH-acetyl
acyl	acyl	Cl	SH	OH
acyl	acyl	Cl	SH	OMe
acyl	acyl	Cl	SH	OEt
acyl	acyl	Cl	SH	O-cyclopropyl
acyl	acyl	Cl	SH	O-acetyl
acyl	acyl	Cl	SH	SH
acyl	acyl	Cl	SH	SMe
acyl	acyl	Cl	SH	SEt
acyl	acyl	Cl	SH	S-cyclopropyl
acyl	acyl	Cl	SH	F
acyl	acyl	Cl	SH	Cl
acyl	acyl	Cl	SH	Br
acyl	acyl	Cl	SH	I
acyl	amino acid	Cl	SH	H
acyl	amino acid	Cl	SH	NH ₂
acyl	amino acid	Cl	SH	NH-cyclopropyl
acyl	amino acid	Cl	SH	NH-methyl
acyl	amino acid	Cl	SH	NH-ethyl
acyl	amino acid	Cl	SH	NH-acetyl
acyl	amino acid	Cl	SH	OH
acyl	amino acid	Cl	SH	OMe
acyl	amino acid	Cl	SH	OEt
acyl	amino acid	Cl	SH	O-cyclopropyl
acyl	amino acid	Cl	SH	O-acetyl
acyl	amino acid	Cl	SH	SH
acyl	amino acid	Cl	SH	SMe
acyl	amino acid	Cl	SH	SEt
acyl	amino acid	Cl	SH	S-cyclopropyl
acyl	amino acid	Cl	SH	F
acyl	amino acid	Cl	SH	Cl
acyl	amino acid	Cl	SH	Br
acyl	amino acid	Cl	SH	I
acyl	amino acid	Cl	SH	H
acyl	amino acid	Cl	SH	NH ₂
acyl	amino acid	Cl	SH	NH-cyclopropyl
acyl	amino acid	Cl	SH	NH-methyl
acyl	amino acid	Cl	SH	NH-ethyl
acyl	amino acid	Cl	SH	NH-acetyl
acyl	amino acid	Cl	SH	OH
acyl	amino acid	Cl	SH	OMe
acyl	amino acid	Cl	SH	OEt
acyl	amino acid	Cl	SH	O-cyclopropyl
acyl	amino acid	Cl	SH	O-acetyl
acyl	amino acid	Cl	SH	SH
acyl	amino acid	Cl	SH	SMe
acyl	amino acid	Cl	SH	SEt
acyl	amino acid	Cl	SH	S-cyclopropyl
acyl	amino acid	Cl	SH	F
acyl	amino acid	Cl	SH	Cl
acyl	amino acid	Cl	SH	Br
acyl	amino acid	Cl	SH	I
acyl	amino acid	Cl	SH	H

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TABLE 14-continued

R ²	R ³	X ¹	X ²	Y
5 H	acyl	Cl	SH	H
H	acyl	Cl	SH	NH ₂
H	acyl	Cl	SH	NH-cyclopropyl
H	acyl	Cl	SH	NH-methyl
H	acyl	Cl	SH	NH-ethyl
H	acyl	Cl	SH	NH-acetyl
10 H	acyl	Cl	SH	OH
H	acyl	Cl	SH	OMe
H	acyl	Cl	SH	OEt
H	acyl	Cl	SH	O-cyclopropyl
H	acyl	Cl	SH	O-acetyl
H	acyl	Cl	SH	SH
15 H	acyl	Cl	SH	SMe
H	acyl	Cl	SH	SEt
H	acyl	Cl	SH	S-cyclopropyl
H	acyl	Cl	SH	F
H	acyl	Cl	SH	Cl
H	acyl	Cl	SH	Br
H	acyl	Cl	SH	I
20 H	amino acid	Cl	SH	H
H	amino acid	Cl	SH	NH ₂
H	amino acid	Cl	SH	NH-cyclopropyl
H	amino acid	Cl	SH	NH-methyl
H	amino acid	Cl	SH	NH-ethyl
H	amino acid	Cl	SH	NH-acetyl
25 H	amino acid	Cl	SH	OH
H	amino acid	Cl	SH	OMe
H	amino acid	Cl	SH	OEt
H	amino acid	Cl	SH	O-cyclopropyl
H	amino acid	Cl	SH	O-acetyl
H	amino acid	Cl	SH	SH
30 H	amino acid	Cl	SH	SMe
H	amino acid	Cl	SH	SEt
H	amino acid	Cl	SH	S-cyclopropyl
H	amino acid	Cl	SH	F
H	amino acid	Cl	SH	Cl
H	amino acid	Cl	SH	Br
35 H	amino acid	Cl	SH	I
amino acid	amino acid	Cl	SH	H
amino acid	amino acid	Cl	SH	NH ₂
amino acid	amino acid	Cl	SH	NH-cyclopropyl
amino acid	amino acid	Cl	SH	NH-methyl
amino acid	amino acid	Cl	SH	NH-ethyl
amino acid	amino acid	Cl	SH	NH-acetyl
40 amino acid	amino acid	Cl	SH	OH
amino acid	amino acid	Cl	SH	OMe
amino acid	amino acid	Cl	SH	OEt
amino acid	amino acid	Cl	SH	O-cyclopropyl
amino acid	amino acid	Cl	SH	O-acetyl
amino acid	amino acid	Cl	SH	SH
45 amino acid	amino acid	Cl	SH	SMe
amino acid	amino acid	Cl	SH	SEt
amino acid	amino acid	Cl	SH	S-cyclopropyl
amino acid	amino acid	Cl	SH	F
amino acid	amino acid	Cl	SH	Cl
amino acid	amino acid	Cl	SH	Br
50 amino acid	amino acid	Cl	SH	I
amino acid	H	Cl	SH	H
amino acid	H	Cl	SH	NH ₂
amino acid	H	Cl	SH	NH-cyclopropyl
amino acid	H	Cl	SH	NH-methyl
amino acid	H	Cl	SH	NH-ethyl
55 amino acid	H	Cl	SH	NH-acetyl
amino acid	H	Cl	SH	OH
amino acid	H	Cl	SH	OMe
amino acid	H	Cl	SH	SEt
amino acid	H	Cl	SH	O-cyclopropyl
amino acid	H	Cl	SH	O-acetyl
60 amino acid	H	Cl	SH	SH
amino acid	H	Cl	SH	SMe
amino acid	H	Cl	SH	SEt
amino acid	H	Cl	SH	S-cyclopropyl
amino acid	H	Cl	SH	F
amino acid	H	Cl	SH	Cl
65 amino acid	H	Cl	SH	Br
amino acid	H	Cl	SH	I
amino acid	acyl	Cl	SH	H

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TABLE 14-continued

R ²	R ³	X ¹	X ²	Y
amino acid	acyl	Cl	SH	NH ₂
amino acid	acyl	Cl	SH	NH-cyclopropyl
amino acid	acyl	Cl	SH	NH-methyl
amino acid	acyl	Cl	SH	NH-ethyl
amino acid	acyl	Cl	SH	NH-acetyl
amino acid	acyl	Cl	SH	OH
amino acid	acyl	Cl	SH	OMe
amino acid	acyl	Cl	SH	OEt
amino acid	acyl	Cl	SH	O-cyclopropyl
amino acid	acyl	Cl	SH	O-acetyl
amino acid	acyl	Cl	SH	SH
amino acid	acyl	Cl	SH	SMe
amino acid	acyl	Cl	SH	SEt
amino acid	acyl	Cl	SH	S-cyclopropyl
amino acid	acyl	Cl	SH	F
amino acid	acyl	Cl	SH	Cl
amino acid	acyl	Cl	SH	Br
amino acid	acyl	Cl	SH	I
acyl	H	F	SH	H
acyl	H	F	SH	NH ₂
acyl	H	F	SH	NH-cyclopropyl
acyl	H	F	SH	NH-methyl
acyl	H	F	SH	NH-ethyl
acyl	H	F	SH	NH-acetyl
acyl	H	F	SH	OH
acyl	H	F	SH	OMe
acyl	H	F	SH	OEt
acyl	H	F	SH	O-cyclopropyl
acyl	H	F	SH	O-acetyl
acyl	H	F	SH	SH
acyl	H	F	SH	SMe
acyl	H	F	SH	SEt
acyl	H	F	SH	S-cyclopropyl
acyl	H	F	SH	F
acyl	H	F	SH	Cl
acyl	H	F	SH	Br
acyl	H	F	SH	I
acyl	acyl	F	SH	H
acyl	acyl	F	SH	NH ₂
acyl	acyl	F	SH	NH-cyclopropyl
acyl	acyl	F	SH	NH-methyl
acyl	acyl	F	SH	NH-ethyl
acyl	acyl	F	SH	NH-acetyl
acyl	acyl	F	SH	OH
acyl	acyl	F	SH	OMe
acyl	acyl	F	SH	OEt
acyl	acyl	F	SH	O-cyclopropyl
acyl	acyl	F	SH	O-acetyl
acyl	acyl	F	SH	SH
acyl	acyl	F	SH	SMe
acyl	acyl	F	SH	SEt
acyl	acyl	F	SH	S-cyclopropyl
acyl	acyl	F	SH	F
acyl	acyl	F	SH	Cl
acyl	acyl	F	SH	Br
acyl	acyl	F	SH	I
acyl	amino acid	F	SH	H
acyl	amino acid	F	SH	NH ₂
acyl	amino acid	F	SH	NH-cyclopropyl
acyl	amino acid	F	SH	NH-methyl
acyl	amino acid	F	SH	NH-ethyl
acyl	amino acid	F	SH	NH-acetyl
acyl	amino acid	F	SH	OH
acyl	amino acid	F	SH	OMe
acyl	amino acid	F	SH	OEt
acyl	amino acid	F	SH	O-cyclopropyl
acyl	amino acid	F	SH	O-acetyl
acyl	amino acid	F	SH	SH
acyl	amino acid	F	SH	SMe
acyl	amino acid	F	SH	SEt
acyl	amino acid	F	SH	S-cyclopropyl
acyl	amino acid	F	SH	F
acyl	amino acid	F	SH	Cl
acyl	amino acid	F	SH	Br
acyl	amino acid	F	SH	I
H	acyl	F	SH	H
H	acyl	F	SH	NH ₂

TABLE 14-continued

	R ²	R ³	X ¹	X ²	Y
5	H	acyl	F	SH	NH-cyclopropyl
	H	acyl	F	SH	NH-methyl
	H	acyl	F	SH	NH-ethyl
	H	acyl	F	SH	NH-acetyl
	H	acyl	F	SH	OH
	H	acyl	F	SH	OMe
10	H	acyl	F	SH	OEt
	H	acyl	F	SH	O-cyclopropyl
	H	acyl	F	SH	O-acetyl
	H	acyl	F	SH	SH
	H	acyl	F	SH	SMe
	H	acyl	F	SH	SEt
15	H	acyl	F	SH	S-cyclopropyl
	H	acyl	F	SH	F
	H	acyl	F	SH	Cl
	H	acyl	F	SH	Br
	H	acyl	F	SH	I
	H	amino acid	F	SH	H
	H	amino acid	F	SH	NH ₂
20	H	amino acid	F	SH	NH-cyclopropyl
	H	amino acid	F	SH	NH-methyl
	H	amino acid	F	SH	NH-ethyl
	H	amino acid	F	SH	NH-acetyl
	H	amino acid	F	SH	OH
	H	amino acid	F	SH	OMe
25	H	amino acid	F	SH	OEt
	H	amino acid	F	SH	O-cyclopropyl
	H	amino acid	F	SH	O-acetyl
	H	amino acid	F	SH	SH
	H	amino acid	F	SH	SMe
	H	amino acid	F	SH	SEt
30	H	amino acid	F	SH	S-cyclopropyl
	H	amino acid	F	SH	F
	H	amino acid	F	SH	Cl
	H	amino acid	F	SH	Br
	H	amino acid	F	SH	I
	amino acid	amino acid	F	SH	H
35	amino acid	amino acid	F	SH	NH ₂
	amino acid	amino acid	F	SH	NH-cyclopropyl
	amino acid	amino acid	F	SH	NH-methyl
	amino acid	amino acid	F	SH	NH-ethyl
	amino acid	amino acid	F	SH	NH-acetyl
	amino acid	amino acid	F	SH	OH
	amino acid	amino acid	F	SH	OMe
40	amino acid	amino acid	F	SH	OEt
	amino acid	amino acid	F	SH	O-cyclopropyl
	amino acid	amino acid	F	SH	O-acetyl
	amino acid	amino acid	F	SH	SH
	amino acid	amino acid	F	SH	SMe
	amino acid	amino acid	F	SH	SEt
45	amino acid	amino acid	F	SH	S-cyclopropyl
	amino acid	amino acid	F	SH	F
	amino acid	amino acid	F	SH	Cl
	amino acid	amino acid	F	SH	Br
	amino acid	amino acid	F	SH	I
	amino acid	H	F	SH	H
50	amino acid	H	F	SH	NH ₂
	amino acid	H	F	SH	NH-cyclopropyl
	amino acid	H	F	SH	NH-methyl
	amino acid	H	F	SH	NH-ethyl
	amino acid	H	F	SH	NH-acetyl
	amino acid	H	F	SH	OH
55	amino acid	H	F	SH	OMe
	amino acid	H	F	SH	OEt
	amino acid	H	F	SH	O-cyclopropyl
	amino acid	H	F	SH	O-acetyl
	amino acid	H	F	SH	SH
	amino acid	H	F	SH	SMe
	amino acid	H	F	SH	SEt
60	amino acid	H	F	SH	S-cyclopropyl
	amino acid	H	F	SH	F
	amino acid	H	F	SH	Cl
	amino acid	H	F	SH	Br
	amino acid	H	F	SH	I
	amino acid	acyl	F	SH	H
65	amino acid	acyl	F	SH	NH ₂
	amino acid	acyl	F	SH	NH-cyclopropyl

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TABLE 14-continued

R ²	R ³	X ¹	X ²	Y
amino acid	acyl	F	SH	NH-methyl
amino acid	acyl	F	SH	NH-ethyl
amino acid	acyl	F	SH	NH-acetyl
amino acid	acyl	F	SH	OH
amino acid	acyl	F	SH	OMe
amino acid	acyl	F	SH	OEt
amino acid	acyl	F	SH	O-cyclopropyl
amino acid	acyl	F	SH	O-acetyl
amino acid	acyl	F	SH	SH
amino acid	acyl	F	SH	SMe
amino acid	acyl	F	SH	SEt
amino acid	acyl	F	SH	S-cyclopropyl
amino acid	acyl	F	SH	F
amino acid	acyl	F	SH	Cl
amino acid	acyl	F	SH	Br
amino acid	acyl	F	SH	I
acyl	H	NH ₂	SH	H
acyl	H	NH ₂	SH	NH ₂
acyl	H	NH ₂	SH	NH-cyclopropyl
acyl	H	NH ₂	SH	NH-methyl
acyl	H	NH ₂	SH	NH-ethyl
acyl	H	NH ₂	SH	NH-acetyl
acyl	H	NH ₂	SH	OH
acyl	H	NH ₂	SH	OMe
acyl	H	NH ₂	SH	OEt
acyl	H	NH ₂	SH	O-cyclopropyl
acyl	H	NH ₂	SH	O-acetyl
acyl	H	NH ₂	SH	SH
acyl	H	NH ₂	SH	SMe
acyl	H	NH ₂	SH	SEt
acyl	H	NH ₂	SH	S-cyclopropyl
acyl	H	NH ₂	SH	F
acyl	H	NH ₂	SH	Cl
acyl	H	NH ₂	SH	Br
acyl	H	NH ₂	SH	I
acyl	acyl	NH ₂	SH	H
acyl	acyl	NH ₂	SH	NH ₂
acyl	acyl	NH ₂	SH	NH-cyclopropyl
acyl	acyl	NH ₂	SH	NH-methyl
acyl	acyl	NH ₂	SH	NH-ethyl
acyl	acyl	NH ₂	SH	NH-acetyl
acyl	acyl	NH ₂	SH	OH
acyl	acyl	NH ₂	SH	OMe
acyl	acyl	NH ₂	SH	OEt
acyl	acyl	NH ₂	SH	O-cyclopropyl
acyl	acyl	NH ₂	SH	O-acetyl
acyl	acyl	NH ₂	SH	SH
acyl	acyl	NH ₂	SH	SMe
acyl	acyl	NH ₂	SH	SEt
acyl	acyl	NH ₂	SH	S-cyclopropyl
acyl	acyl	NH ₂	SH	F
acyl	acyl	NH ₂	SH	Cl
acyl	acyl	NH ₂	SH	Br
acyl	acyl	NH ₂	SH	I
acyl	amino acid	NH ₂	SH	H
acyl	amino acid	NH ₂	SH	NH ₂
acyl	amino acid	NH ₂	SH	NH-cyclopropyl
acyl	amino acid	NH ₂	SH	NH-methyl
acyl	amino acid	NH ₂	SH	NH-ethyl
acyl	amino acid	NH ₂	SH	NH-acetyl
acyl	amino acid	NH ₂	SH	OH
acyl	amino acid	NH ₂	SH	OMe
acyl	amino acid	NH ₂	SH	OEt
acyl	amino acid	NH ₂	SH	O-cyclopropyl
acyl	amino acid	NH ₂	SH	O-acetyl
acyl	amino acid	NH ₂	SH	SH
acyl	amino acid	NH ₂	SH	SMe
acyl	amino acid	NH ₂	SH	SEt
acyl	amino acid	NH ₂	SH	S-cyclopropyl
acyl	amino acid	NH ₂	SH	F
acyl	amino acid	NH ₂	SH	Cl
acyl	amino acid	NH ₂	SH	Br
acyl	amino acid	NH ₂	SH	I
H	acyl	NH ₂	SH	H
H	acyl	NH ₂	SR	NH ₂
H	acyl	NH ₂	SR	NH-cyclopropyl
H	acyl	NH ₂	SR	NH-methyl

TABLE 14-continued

	R ²	R ³	X ¹	X ²	Y
5	H	acyl	NH ₂	SH	NH-ethyl
	H	acyl	NH ₂	SH	NH-acetyl
	H	acyl	NH ₂	SH	OH
	H	acyl	NH ₂	SH	OMe
	H	acyl	NH ₂	SH	OEt
	H	acyl	NH ₂	SH	O-cyclopropyl
10	H	acyl	NH ₂	SH	O-acetyl
	H	acyl	NH ₂	SH	SH
	H	acyl	NH ₂	SH	SMe
	H	acyl	NH ₂	SH	SEt
	H	acyl	NH ₂	SH	S-cyclopropyl
	H	acyl	NH ₂	SH	F
15	H	acyl	NH ₂	SH	Cl
	H	acyl	NH ₂	SH	Br
	H	acyl	NH ₂	SH	I
	H	amino acid	NH ₂	SH	H
	H	amino acid	NH ₂	SH	NH ₂
	H	amino acid	NH ₂	SH	NH-cyclopropyl
	H	amino acid	NH ₂	SH	NH-methyl
20	H	amino acid	NH ₂	SH	NH-ethyl
	H	amino acid	NH ₂	SH	NH-acetyl
	H	amino acid	NH ₂	SH	OH
	H	amino acid	NH ₂	SH	OMe
	H	amino acid	NH ₂	SH	OEt
	H	amino acid	NH ₂	SH	O-cyclopropyl
25	H	amino acid	NH ₂	SH	O-acetyl
	H	amino acid	NH ₂	SH	SH
	H	amino acid	NH ₂	SH	SMe
	H	amino acid	NH ₂	SH	SEt
	H	amino acid	NH ₂	SH	S-cyclopropyl
	H	amino acid	NH ₂	SH	F
30	H	amino acid	NH ₂	SH	Cl
	H	amino acid	NH ₂	SH	Br
	H	amino acid	NH ₂	SH	I
	amino acid	amino acid	NH ₂	SH	H
	amino acid	amino acid	NH ₂	SH	NH ₂
	amino acid	amino acid	NH ₂	SH	NH-cyclopropyl
35	amino acid	amino acid	NH ₂	SH	NH-methyl
	amino acid	amino acid	NH ₂	SH	NH-ethyl
	amino acid	amino acid	NH ₂	SH	NH-acetyl
	amino acid	amino acid	NH ₂	SH	OH
	amino acid	amino acid	NH ₂	SH	OMe
	amino acid	amino acid	NH ₂	SH	OEt
	amino acid	amino acid	NH ₂	SH	O-cyclopropyl
40	amino acid	amino acid	NH ₂	SH	O-acetyl
	amino acid	amino acid	NH ₂	SH	SH
	amino acid	amino acid	NH ₂	SH	SMe
	amino acid	amino acid	NH ₂	SH	SEt
	amino acid	amino acid	NH ₂	SH	S-cyclopropyl
	amino acid	amino acid	NH ₂	SH	F
45	amino acid	amino acid	NH ₂	SH	Cl
	amino acid	amino acid	NH ₂	SH	Br
	amino acid	amino acid	NH ₂	SH	I
	amino acid	H	NH ₂	SH	H
	amino acid	H	NH ₂	SH	NH ₂
	amino acid	H	NH ₂	SH	NH-cyclopropyl
50	amino acid	H	NH ₂	SH	NH-methyl
	amino acid	H	NH ₂	SH	NH-ethyl
	amino acid	H	NH ₂	SH	NH-acetyl
	amino acid	H	NH ₂	SH	OH
	amino acid	H	NH ₂	SH	OMe
	amino acid	H	NH ₂	SH	OEt
	amino acid	H	NH ₂	SH	O-cyclopropyl
	amino acid	H	NH ₂	SH	O-acetyl
	amino acid	H	NH ₂	SH	SH
	amino acid	H	NH ₂	SH	SMe
	amino acid	H	NH ₂	SH	SEt
	amino acid	H	NH ₂	SH	S-cyclopropyl
	amino acid	H	NH ₂	SH	F
60	amino acid	H	NH ₂	SH	Cl
	amino acid	H	NH ₂	SH	Br
	amino acid	H	NH ₂	SH	I
	amino acid	acyl	NH ₂	SH	H
	amino acid	acyl	NH ₂	SH	NH ₂
	amino acid	acyl	NH ₂	SH	NH-cyclopropyl
65	amino acid	acyl	NH ₂	SH	NH-methyl
	amino acid	acyl	NH ₂	SH	NH-ethyl

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TABLE 14-continued

R ²	R ³	X ¹	X ²	Y
amino acid	acyl	NH ₂	SH	NIT-acetyl
amino acid	acyl	NH ₂	SH	OH
amino acid	acyl	NH ₂	SH	OMe
amino acid	acyl	NH ₂	SH	OEt
amino acid	acyl	NH ₂	SH	O-cyclopropyl
amino acid	acyl	NH ₂	SH	O-acetyl
amino acid	acyl	NH ₂	SH	SH
amino acid	acyl	NH ₂	SH	SMe
amino acid	acyl	NH ₂	SH	SEt
amino acid	acyl	NH ₂	SH	S-cyclopropyl
amino acid	acyl	NH ₂	SH	F
amino acid	acyl	NH ₂	SH	Cl
amino acid	acyl	NH ₂	SH	Br
amino acid	acyl	NH ₂	SH	I
acyl	H	SH	SH	H
acyl	H	SH	SH	NH ₂
acyl	H	SH	SH	NH-cyclopropyl
acyl	H	SH	SH	NH-methyl
acyl	H	SH	SH	NH-ethyl
acyl	H	SH	SH	NH-acetyl
acyl	H	SH	SH	OH
acyl	H	SH	SH	OMe
acyl	H	SH	SH	OEt
acyl	H	SH	SH	O-cyclopropyl
acyl	H	SH	SH	O-acetyl
acyl	H	SH	SH	SH
acyl	H	SH	SH	SMe
acyl	H	SH	SH	SEt
acyl	H	SH	SH	S-cyclopropyl
acyl	H	SH	SH	F
acyl	H	SH	SH	Cl
acyl	H	SH	SH	Br
acyl	H	SH	SH	I
acyl	acyl	SH	SH	H
acyl	acyl	SH	SH	NH ₂
acyl	acyl	SH	SH	NH-cyclopropyl
acyl	acyl	SH	SH	NH-methyl
acyl	acyl	SH	SH	NH-ethyl
acyl	acyl	SH	SH	NH-acetyl
acyl	acyl	SH	SH	OH
acyl	acyl	SH	SH	OMe
acyl	acyl	SH	SH	OEt
acyl	acyl	SH	SH	O-cyclopropyl
acyl	acyl	SH	SH	O-acetyl
acyl	acyl	SH	SH	SH
acyl	acyl	SH	SH	SMe
acyl	acyl	SH	SH	SEt
acyl	acyl	SH	SH	S-cyclopropyl
acyl	acyl	SH	SH	F
acyl	acyl	SH	SH	Cl
acyl	acyl	SH	SH	Br
acyl	acyl	SH	SH	I
acyl	amino acid	SH	SH	H
acyl	amino acid	SH	SH	NH ₂
acyl	amino acid	SH	SH	NH-cyclopropyl
acyl	amino acid	SH	SH	NH-methyl
acyl	amino acid	SH	SH	NH-ethyl
acyl	amino acid	SH	SH	NH-acetyl
acyl	amino acid	SH	SH	OH
acyl	amino acid	SH	SH	OMe
acyl	amino acid	SH	SH	OEt
acyl	amino acid	SH	SH	O-cyclopropyl
acyl	amino acid	SH	SH	O-acetyl
acyl	amino acid	SH	SH	SH
acyl	amino acid	SH	SH	SMe
acyl	amino acid	SH	SH	SEt
acyl	amino acid	SH	SH	S-cyclopropyl
acyl	amino acid	SH	SH	F
acyl	amino acid	SH	SH	Cl
acyl	amino acid	SH	SH	Br
acyl	amino acid	SH	SH	I
H	acyl	SH	SH	H
H	acyl	SH	SH	NH ₂
H	acyl	SH	SH	NH-cyclopropyl
H	acyl	SH	SH	NH-methyl
H	acyl	SH	SH	NH-ethyl
H	acyl	SH	SH	NH-acetyl

TABLE 14-continued

	R ²	R ³	X ¹	X ²	Y
5	H	acyl	SH	SH	OH
	H	acyl	SH	SH	OMe
	H	acyl	SH	SH	OEt
	H	acyl	SH	SH	O-cyclopropyl
	H	acyl	SH	SH	O-acetyl
	H	acyl	SH	SH	SH
10	H	acyl	SH	SH	SMe
	H	acyl	SH	SH	SEt
	H	acyl	SH	SH	S-cyclopropyl
	H	acyl	SH	SH	F
	H	acyl	SH	SH	Cl
	H	acyl	SH	SH	Br
15		acyl	SH	SH	I
	H	amino acid	SH	SH	H
	H	amino acid	SH	SH	NH ₂
	H	amino acid	SH	SH	NH-cyclopropyl
	H	amino acid	SH	SH	NH-methyl
	H	amino acid	SH	SH	NH-ethyl
20	H	amino acid	SH	SH	NH-acetyl
	H	amino acid	SH	SH	OH
	H	amino acid	SH	SH	OMe
	H	amino acid	SH	SH	OEt
	H	amino acid	SH	SH	O-cyclopropyl
	H	amino acid	SH	SH	O-acetyl
	H	amino acid	SH	SH	SH
25	H	amino acid	SH	SH	SMe
	H	amino acid	SH	SH	SEt
	H	amino acid	SH	SH	S-cyclopropyl
	H	amino acid	SH	SH	F
	H	amino acid	SH	SH	Cl
	H	amino acid	SH	SH	Br
30	H	amino acid	SH	SH	I
	amino acid	amino acid	SH	SH	H
	amino acid	amino acid	SH	SH	NH ₂
	amino acid	amino acid	SH	SH	NH-cyclopropyl
	amino acid	amino acid	SH	SH	NH-methyl
	amino acid	amino acid	SH	SH	NH-ethyl
35	amino acid	amino acid	SH	SH	NH-acetyl
	amino acid	amino acid	SH	SH	OH
	amino acid	amino acid	SH	SH	OMe
	amino acid	amino acid	SH	SH	OEt
	amino acid	amino acid	SH	SH	O-cyclopropyl
	amino acid	amino acid	SH	SH	O-acetyl
40	amino acid	amino acid	SH	SH	SH
	amino acid	amino acid	SH	SH	SMe
	amino acid	amino acid	SH	SH	SEt
	amino acid	amino acid	SH	SH	S-cyclopropyl
	amino acid	amino acid	SH	SH	F
	amino acid	amino acid	SH	SH	Cl
	amino acid	amino acid	SH	SH	Br
45	amino acid	amino acid	SH	SH	I
	amino acid	H	SH	SH	H
	amino acid	H	SH	SH	NH ₂
	amino acid	H	SH	SH	NH-cyclopropyl
	amino acid	H	SH	SH	NH-methyl
	amino acid	H	SH	SH	NH-ethyl
50	amino acid	H	SH	SH	NH-acetyl
	amino acid	H	SH	SH	OH
	amino acid	H	SH	SH	OMe
	amino acid	H	SH	SH	OEt
	amino acid	H	SH	SH	O-cyclopropyl
	amino acid	H	SH	SH	O-acetyl
55	amino acid	H	SH	SH	SH
	amino acid	H	SH	SH	SMe
	amino acid	H	SH	SH	SEt
	amino acid	H	SH	SH	S-cyclopropyl
	amino acid	H	SH	SH	F
	amino acid	H	SH	SH	Cl
	amino acid	H	SH	SH	Br
60	amino acid	H	SH	SH	I
	amino acid	acyl	SH	SH	H
	amino acid	acyl	SH	SH	NH ₂
	amino acid	acyl	SH	SH	NH-cyclopropyl
	amino acid	acyl	SH	SH	NH-methyl
	amino acid	acyl	SH	SH	NH-ethyl
65	amino acid	acyl	SH	SH	NH-acetyl
	amino acid	acyl	SH	SH	OH

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TABLE 14-continued

R ²	R ³	X ¹	X ²	Y
amino acid	acyl	SH	SH	OMe
amino acid	acyl	SH	SH	OEt
amino acid	acyl	SH	SH	O-cyclopropyl
amino acid	acyl	SH	SH	O-acetyl
amino acid	acyl	SH	SH	SH
amino acid	acyl	SH	SH	SMe
amino acid	acyl	SH	SH	SEt
amino acid	acyl	SH	SH	S-cyclopropyl
amino acid	acyl	SH	SH	F
amino acid	acyl	SH	SH	Cl
amino acid	acyl	SH	SH	Br
amino acid	acyl	SH	SH	I
acyl	H	OH	SH	H
acyl	H	OH	SH	NH ₂
acyl	H	OH	SH	NH-cyclopropyl
acyl	H	OH	SH	NH-methyl
acyl	H	OH	SH	NH-ethyl
acyl	H	OH	SH	NH-acetyl
acyl	H	OH	SH	OH
acyl	H	OH	SH	OMe
acyl	H	OH	SH	OEt
acyl	H	OH	SH	O-cyclopropyl
acyl	H	OH	SH	O-acetyl
acyl	H	OH	SH	SH
acyl	H	OH	SH	SMe
acyl	H	OH	SH	SEt
acyl	H	OH	SH	S-cyclopropyl
acyl	H	OH	SH	F
acyl	H	OH	SH	Cl
acyl	H	OH	SH	Br
acyl	H	OH	SH	I
acyl	acyl	OH	SH	H
acyl	acyl	OH	SH	NH ₂
acyl	acyl	OH	SH	NH-cyclopropyl
acyl	acyl	OH	SH	NH-methyl
acyl	acyl	OH	SH	NH-ethyl
acyl	acyl	OH	SH	NH-acetyl
acyl	acyl	OH	SH	OH
acyl	acyl	OH	SH	OMe
acyl	acyl	OH	SH	OEt
acyl	acyl	OH	SH	O-cyclopropyl
acyl	acyl	OH	SH	O-acetyl
acyl	acyl	OH	SH	SH
acyl	acyl	OH	SH	SMe
acyl	acyl	OH	SH	SEt
acyl	acyl	OH	SH	S-cyclopropyl
acyl	acyl	OH	SH	F
acyl	acyl	OH	SH	Cl
acyl	acyl	OH	SH	Br
acyl	acyl	OH	SH	I
acyl	amino acid	OH	SH	H
acyl	amino acid	OH	SH	NH ₂
acyl	amino acid	OH	SH	NH-cyclopropyl
acyl	amino acid	OH	SH	NH-methyl
acyl	amino acid	OH	SH	NH-ethyl
acyl	amino acid	OH	SH	NH-acetyl
acyl	amino acid	OH	SH	OH
acyl	amino acid	OH	SH	OMe
acyl	amino acid	OH	SH	OEt
acyl	amino acid	OH	SH	O-cyclopropyl
acyl	amino acid	OH	SH	O-acetyl
acyl	amino acid	OH	SH	SH
acyl	amino acid	OH	SH	SMe
acyl	amino acid	OH	SH	SEt
acyl	amino acid	OH	SH	S-cyclopropyl
acyl	amino acid	OH	SH	F
acyl	amino acid	OH	SH	Cl
acyl	amino acid	OH	SH	Br
acyl	amino acid	OH	SH	I
H	acyl	OH	SH	H
H	acyl	OH	SH	NH ₂
H	acyl	OH	SH	NH-cyclopropyl
H	acyl	OH	SH	NH-methyl
H	acyl	OH	SH	NH-ethyl
H	acyl	OH	SH	NH-acetyl
H	acyl	OH	SH	OH
H	acyl	OH	SH	OMe

TABLE 14-continued

	R ²	R ³	X ¹	X ²	Y
5	H	acyl	OH	SH	OEt
	H	acyl	OH	SH	O-cyclopropyl
	H	acyl	OH	SH	O-acetyl
	H	acyl	OH	SH	SH
	H	acyl	OH	SH	SMe
	H	acyl	OH	SH	SEt
10	H	acyl	OH	SH	S-cyclopropyl
	H	acyl	OH	SH	F
	H	acyl	OH	SH	Cl
	H	acyl	OH	SH	Br
	H	acyl	OH	SH	I
	H	amino acid	OH	SH	H
15	H	amino acid	OH	SH	NH ₂
	H	amino acid	OH	SH	NH-cyclopropyl
	H	amino acid	OH	SH	NH-methyl
	H	amino acid	OH	SH	NH-ethyl
	H	amino acid	OH	SH	NH-acetyl
	H	amino acid	OH	SH	OH
20	H	amino acid	OH	SH	OMe
	H	amino acid	OH	SH	OEt
	H	amino acid	OH	SH	O-cyclopropyl
	H	amino acid	OH	SH	O-acetyl
	H	amino acid	OH	SH	SH
	H	amino acid	OH	SH	SMe
	H	amino acid	OH	SH	SEt
25	H	amino acid	OH	SH	S-cyclopropyl
	H	amino acid	OH	SH	F
	H	amino acid	OH	SH	Cl
	H	amino acid	OH	SH	Br
	H	amino acid	OH	SH	I
	amino acid	amino acid	OH	SH	H
30	amino acid	amino acid	OH	SH	NH ₂
	amino acid	amino acid	OH	SH	NH-cyclopropyl
	amino acid	amino acid	OH	SH	NH-methyl
	amino acid	amino acid	OH	SH	NH-ethyl
	amino acid	amino acid	OH	SH	NH-acetyl
	amino acid	amino acid	OH	SH	OH
35	amino acid	amino acid	OH	SH	OMe
	amino acid	amino acid	OH	SH	OEt
	amino acid	amino acid	OH	SH	O-cyclopropyl
	amino acid	amino acid	OH	SH	O-acetyl
	amino acid	amino acid	OH	SH	SH
	amino acid	amino acid	OH	SH	SMe
	amino acid	amino acid	OH	SH	SEt
40	amino acid	amino acid	OH	SH	S-cyclopropyl
	amino acid	amino acid	OH	SH	F
	amino acid	amino acid	OH	SH	Cl
	amino acid	amino acid	OH	SH	Br
	amino acid	amino acid	OH	SH	I
	amino acid	H	OH	SH	H
45	amino acid	H	OH	SH	NH ₂
	amino acid	H	OH	SH	NH-cyclopropyl
	amino acid	H	OH	SH	NH-methyl
	amino acid	H	OH	SH	NH-ethyl
	amino acid	H	OH	SH	NH-acetyl
	amino acid	H	OH	SH	OH
50	amino acid	H	OH	SH	OMe
	amino acid	H	OH	SH	OEt
	amino acid	H	OH	SH	O-cyclopropyl
	amino acid	H	OH	SH	O-acetyl
	amino acid	H	OH	SH	SH
	amino acid	H	OH	SH	SMe
	amino acid	H	OH	SH	SEt
55	amino acid	H	OH	SH	S-cyclopropyl
	amino acid	H	OH	SH	F
	amino acid	H	OH	SH	Cl
	amino acid	H	OH	SH	Br
	amino acid	H	OH	SH	I
	amino acid	acyl	OH	SH	H
60	amino acid	acyl	OH	SH	NH ₂
	amino acid	acyl	OH	SH	NH-cyclopropyl
	amino acid	acyl	OH	SH	NH-methyl
	amino acid	acyl	OH	SH	NH-ethyl
	amino acid	acyl	OH	SH	NH-acetyl
	amino acid	acyl	OH	SH	OH
65	amino acid	acyl	OH	SH	OMe
	amino acid	acyl	OH	SH	OEt

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TABLE 14-continued

R ²	R ³	X ¹	X ²	Y
amino acid	acyl	OH	SH	O-cyclopropyl
amino acid	acyl	OH	SH	O-acetyl
amino acid	acyl	OH	SH	SH
amino acid	acyl	OH	SH	SMe
amino acid	acyl	OH	SH	SEt
amino acid	acyl	OH	SH	S-cyclopropyl
amino acid	acyl	OH	SH	F
amino acid	acyl	OH	SH	Cl
amino acid	acyl	OH	SH	Br
amino acid	acyl	OH	SH	I
acyl	H	CH ₃	OH	H
acyl	H	CH ₃	OH	NH ₂
acyl	H	CH ₃	OH	NH-cyclopropyl
acyl	H	CH ₃	OH	NH-methyl
acyl	H	CH ₃	OH	NH-ethyl
acyl	H	CH ₃	OH	NH-acetyl
acyl	H	CH ₃	OH	OH
acyl	H	CH ₃	OH	OMe
acyl	H	CH ₃	OH	OEt
acyl	H	CH ₃	OH	O-cyclopropyl
acyl	H	CH ₃	OH	O-acetyl
acyl	H	CH ₃	OH	SH
acyl	H	CH ₃	OH	SMe
acyl	H	CH ₃	OH	SEt
acyl	H	CH ₃	OH	S-cyclopropyl
acyl	H	CH ₃	OH	F
acyl	H	CH ₃	OH	Cl
acyl	H	CH ₃	OH	Br
acyl	H	CH ₃	OH	I
acyl	H	CH ₃	OH	H
acyl	acyl	CH ₃	OH	H
acyl	acyl	CH ₃	OH	NH ₂
acyl	acyl	CH ₃	OH	NH-cyclopropyl
acyl	acyl	CH ₃	OH	NH-methyl
acyl	acyl	CH ₃	OH	NH-ethyl
acyl	acyl	CH ₃	OH	NH-acetyl
acyl	acyl	CH ₃	OH	OH
acyl	acyl	CH ₃	OH	OMe
acyl	acyl	CH ₃	OH	OEt
acyl	acyl	CH ₃	OH	O-cyclopropyl
acyl	acyl	CH ₃	OH	O-acetyl
acyl	acyl	CH ₃	OH	SH
acyl	acyl	CH ₃	OH	SMe
acyl	acyl	CH ₃	OH	SEt
acyl	acyl	CH ₃	OH	S-cyclopropyl
acyl	acyl	CH ₃	OH	F
acyl	acyl	CH ₃	OH	Cl
acyl	acyl	CH ₃	OH	Br
acyl	acyl	CH ₃	OH	I
acyl	acyl	CH ₃	OH	H
acyl	amino acid	CH ₃	OH	NH ₂
acyl	amino acid	CH ₃	OH	NH-cyclopropyl
acyl	amino acid	CH ₃	OH	NH-methyl
acyl	amino acid	CH ₃	OH	NH-ethyl
acyl	amino acid	CH ₃	OH	NH-acetyl
acyl	amino acid	CH ₃	OH	OH
acyl	amino acid	CH ₃	OH	OMe
acyl	amino acid	CH ₃	OH	OEt
acyl	amino acid	CH ₃	OH	O-cyclopropyl
acyl	amino acid	CH ₃	OH	O-acetyl
acyl	amino acid	CH ₃	OH	SH
acyl	amino acid	CH ₃	OH	SMe
acyl	amino acid	CH ₃	OH	SEt
acyl	amino acid	CH ₃	OH	S-cyclopropyl
acyl	amino acid	CH ₃	OH	F
acyl	amino acid	CH ₃	OH	Cl
acyl	amino acid	CH ₃	OH	Br
acyl	amino acid	CH ₃	OH	I
acyl	amino acid	CH ₃	OH	H
H	acyl	CH ₃	OH	H
H	acyl	CH ₃	OH	NH ₂
H	acyl	CH ₃	OH	NH-cyclopropyl
H	acyl	CH ₃	OH	NH-methyl
H	acyl	CH ₃	OH	NH-ethyl
H	acyl	CH ₃	OH	NH-acetyl
H	acyl	CH ₃	OH	OH
H	acyl	CH ₃	OH	OMe
H	acyl	CH ₃	OH	OEt
H	acyl	CH ₃	OH	O-cyclopropyl
H	acyl	CH ₃	OH	O-acetyl
H	acyl	CH ₃	OH	SH
H	acyl	CH ₃	OH	SMe
H	acyl	CH ₃	OH	SEt
H	acyl	CH ₃	OH	S-cyclopropyl
H	acyl	CH ₃	OH	F
H	acyl	CH ₃	OH	Cl
H	acyl	CH ₃	OH	Br
H	acyl	CH ₃	OH	I
H	acyl	CH ₃	OH	H
H	acyl	CH ₃	OH	NH ₂
H	acyl	CH ₃	OH	NH-cyclopropyl
H	acyl	CH ₃	OH	NH-methyl
H	acyl	CH ₃	OH	NH-ethyl
H	acyl	CH ₃	OH	NH-acetyl
H	acyl	CH ₃	OH	OH
H	acyl	CH ₃	OH	OMe
H	acyl	CH ₃	OH	OEt
H	acyl	CH ₃	OH	O-cyclopropyl
H	acyl	CH ₃	OH	O-acetyl

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TABLE 14-continued

	R ²	R ³	X ¹	X ²	Y
5	H	acyl	CH ₃	OH	O-acetyl
	H	acyl	CH ₃	OH	SH
	H	acyl	CH ₃	OH	SMe
	H	acyl	CH ₃	OH	SEt
	H	acyl	CH ₃	OH	S-cyclopropyl
10	H	acyl	CH ₃	OH	F
	H	acyl	CH ₃	OH	Cl
	H	acyl	CH ₃	OH	Br
	H	acyl	CH ₃	OH	I
	H	amino acid	CH ₃	OH	H
15	H	amino acid	CH ₃	OH	NH ₂
	H	amino acid	CH ₃	OH	NH-cyclopropyl
	H	amino acid	CH ₃	OH	NH-methyl
	H	amino acid	CH ₃	OH	NH-ethyl
	H	amino acid	CH ₃	OH	NH-acetyl
20	H	amino acid	CH ₃	OH	OH
	H	amino acid	CH ₃	OH	OMe
	H	amino acid	CH ₃	OH	OEt
	H	amino acid	CH ₃	OH	O-cyclopropyl
	H	amino acid	CH ₃	OH	O-acetyl
25	H	amino acid	CH ₃	OH	SH
	H	amino acid	CH ₃	OH	SMe
	H	amino acid	CH ₃	OH	SEt
	H	amino acid	CH ₃	OH	S-cyclopropyl
	H	amino acid	CH ₃	OH	F
30	H	amino acid	CH ₃	OH	Cl
	H	amino acid	CH ₃	OH	Br
	H	amino acid	CH ₃	OH	I
	amino acid	amino acid	CH ₃	OH	H
	amino acid	amino acid	CH ₃	OH	NH ₂
35	amino acid	amino acid	CH ₃	OH	NH-cyclopropyl
	amino acid	amino acid	CH ₃	OH	NH-methyl
	amino acid	amino acid	CH ₃	OH	NH-ethyl
	amino acid	amino acid	CH ₃	OH	NH-acetyl
	amino acid	amino acid	CH ₃	OH	OH
40	amino acid	amino acid	CH ₃	OH	OMe
	amino acid	amino acid	CH ₃	OH	OEt
	amino acid	amino acid	CH ₃	OH	O-cyclopropyl
	amino acid	amino acid	CH ₃	OH	O-acetyl
	amino acid	amino acid	CH ₃	OH	SH
45	amino acid	amino acid	CH ₃	OH	SMe
	amino acid	amino acid	CH ₃	OH	SEt
	amino acid	amino acid	CH ₃	OH	S-cyclopropyl
	amino acid	amino acid	CH ₃	OH	F
	amino acid	amino acid	CH ₃	OH	Cl
50	amino acid	amino acid	CH ₃	OH	Br
	amino acid	amino acid	CH ₃	OH	I
	amino acid	H	CH ₃	OH	H
	amino acid	H	CH ₃	OH	NH ₂
	amino acid	H	CH ₃	OH	NH-cyclopropyl
55	amino acid	H	CH ₃	OH	NH-methyl
	amino acid	H	CH ₃	OH	NH-ethyl
	amino acid	H	CH ₃	OH	NH-acetyl
	amino acid	H	CH ₃	OH	OH
	amino acid	H	CH ₃	OH	OMe
60	amino acid	H	CH ₃	OH	OEt
	amino acid	H	CH ₃	OH	O-cyclopropyl
	amino acid	H	CH ₃	OH	O-acetyl
	amino acid	H	CH ₃	OH	SH
	amino acid	H	CH ₃	OH	SMe
65	amino acid	H	CH ₃	OH	SEt
	amino acid	H	CH ₃	OH	S-cyclopropyl
	amino acid	H	CH ₃	OH	F
	amino acid	H	CH ₃	OH	Cl
	amino acid	H	CH ₃	OH	Br
	amino acid	H	CH ₃	OH	I
	amino acid	acyl	CH ₃	OH	H
	amino acid	acyl	CH ₃	OH	NH ₂
	amino acid	acyl	CH ₃	OH	NH-cyclopropyl
	amino acid	acyl	CH ₃	OH	NH-methyl
	amino acid	acyl	CH ₃	OH	NH-ethyl
	amino acid	acyl	CH ₃	OH	NH-acetyl
	amino acid	acyl	CH ₃	OH	OH
	amino acid	acyl	CH ₃	OH	OMe
	amino acid	acyl	CH ₃	OH	OEt
	amino acid	acyl	CH ₃	OH	O-cyclopropyl
	amino acid	acyl	CH ₃	OH	O-acetyl

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TABLE 14-continued

R ²	R ³	X ¹	X ²	Y
amino acid	acyl	CH ₃	OH	SH
amino acid	acyl	CH ₃	OH	SMe
amino acid	acyl	CH ₃	OH	SEt
amino acid	acyl	CH ₃	OH	S-cyclopropyl
amino acid	acyl	CH ₃	OH	F
amino acid	acyl	CH ₃	OH	Cl
amino acid	acyl	CH ₃	OH	Br
amino acid	acyl	CH ₃	OH	I
acyl	H	CF ₃	OH	H
acyl	H	CF ₃	OH	NH ₂
acyl	H	CH ₃	OH	NH-cyclopropyl
acyl	H	CF ₃	OH	NH-methyl
acyl	H	CF ₃	OH	NH-ethyl
acyl	H	CF ₃	OH	NH-acetyl
acyl	H	CF ₃	OH	OH
acyl	H	CF ₃	OH	OMe
acyl	H	CF ₃	OH	OEt
acyl	H	CF ₃	OH	O-cyclopropyl
acyl	H	CH ₃	OH	O-acetyl
acyl	H	CF ₃	OH	SH
acyl	H	CF ₃	OH	SMe
acyl	H	CF ₃	OH	SEt
acyl	H	CH ₃	OH	S-cyclopropyl
acyl	H	CF ₃	OH	F
acyl	H	CF ₃	OH	Cl
acyl	H	CF ₃	OH	Br
acyl	H	CF ₃	OH	I
acyl	acyl	CF ₃	OH	H
acyl	acyl	CF ₃	OH	NH ₂
acyl	acyl	CF ₃	OH	NH-cyclopropyl
acyl	acyl	CF ₃	OH	NH-methyl
acyl	acyl	CF ₃	OH	NH-ethyl
acyl	acyl	CF ₃	OH	NH-acetyl
acyl	acyl	CF ₃	OH	OH
acyl	acyl	CF ₃	OH	OMe
acyl	acyl	CF ₃	OH	OEt
acyl	acyl	CF ₃	OH	O-cyclopropyl
acyl	acyl	CF ₃	OH	O-acetyl
acyl	acyl	CF ₃	OH	SH
acyl	acyl	CF ₃	OH	SMe
acyl	acyl	CF ₃	OH	SEt
acyl	acyl	CF ₃	OH	S-cyclopropyl
acyl	acyl	CF ₃	OH	F
acyl	acyl	CF ₃	OH	Cl
acyl	acyl	CF ₃	OH	Br
acyl	acyl	CF ₃	OH	I
acyl	amino acid	CF ₃	OH	H
acyl	amino acid	CF ₃	OH	NH ₂
acyl	amino acid	CF ₃	OH	NH-cyclopropyl
acyl	amino acid	CF ₃	OH	NH-methyl
acyl	amino acid	CF ₃	OH	NH-ethyl
acyl	amino acid	CF ₃	OH	NH-acetyl
acyl	amino acid	CF ₃	OH	OH
acyl	amino acid	CF ₃	OH	OMe
acyl	amino acid	CF ₃	OH	OEt
acyl	amino acid	CF ₃	OH	O-cyclopropyl
acyl	amino acid	CF ₃	OH	O-acetyl
acyl	amino acid	CF ₃	OH	SH
acyl	amino acid	CF ₃	OH	SMe
acyl	amino acid	CF ₃	OH	SEt
acyl	amino acid	CF ₃	OH	S-cyclopropyl
acyl	amino acid	CF ₃	OH	F
acyl	amino acid	CF ₃	OH	Cl
acyl	amino acid	CF ₃	OH	Br
acyl	amino acid	CF ₃	OH	I
H	acyl	CF ₃	OH	H
H	acyl	CF ₃	OH	NH ₂
H	acyl	CF ₃	OH	NH-cyclopropyl
H	acyl	CF ₃	OH	NH-methyl
H	acyl	CF ₃	OH	NH-ethyl
H	acyl	CF ₃	OH	NH-acetyl
H	acyl	CF ₃	OH	OH
H	acyl	CF ₃	OH	OMe
H	acyl	CF ₃	OH	OEt
H	acyl	CF ₃	OH	O-cyclopropyl
H	acyl	CF ₃	OH	O-acetyl
H	acyl	CF ₃	OH	SH
H	acyl	CF ₃	OH	SMe
H	acyl	CF ₃	OH	SEt
H	acyl	CF ₃	OH	S-cyclopropyl
H	acyl	CF ₃	OH	F
H	acyl	CF ₃	OH	Cl
H	acyl	CF ₃	OH	Br
H	acyl	CF ₃	OH	I

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TABLE 14-continued

	R ²	R ³	X ¹	X ²	Y
5	H	acyl	CF ₃	OH	SMe
	H	acyl	CF ₃	OH	SEt
	H	acyl	CF ₃	OH	S-cyclopropyl
	H	acyl	CF ₃	OH	F
	H	acyl	CF ₃	OH	Cl
10	H	acyl	CF ₃	OH	Br
	H	acyl	CF ₃	OH	I
	H	amino acid	CF ₃	OH	H
	H	amino acid	CF ₃	OH	NH ₂
	H	amino acid	CF ₃	OH	NH-cyclopropyl
15	H	amino acid	CF ₃	OH	NH-methyl
	H	amino acid	CF ₃	OH	NH-ethyl
	H	amino acid	CF ₃	OH	NH-acetyl
	H	amino acid	CF ₃	OH	OH
	H	amino acid	CF ₃	OH	OMe
20	H	amino acid	CF ₃	OH	OEt
	H	amino acid	CF ₃	OH	O-cyclopropyl
	H	amino acid	CF ₃	OH	O-acetyl
	H	amino acid	CF ₃	OH	SH
	H	amino acid	CF ₃	OH	SMe
25	H	amino acid	CF ₃	OH	SEt
	H	amino acid	CF ₃	OH	S-cyclopropyl
	H	amino acid	CF ₃	OH	F
	H	amino acid	CF ₃	OH	Cl
	H	amino acid	CF ₃	OH	Br
30	H	amino acid	CF ₃	OH	I
	amino acid	amino acid	CF ₃	OH	H
	amino acid	amino acid	CF ₃	OH	NH ₂
	amino acid	amino acid	CF ₃	OH	NH-cyclopropyl
	amino acid	amino acid	CF ₃	OH	NH-methyl
35	amino acid	amino acid	CF ₃	OH	NH-ethyl
	amino acid	amino acid	CF ₃	OH	NH-acetyl
	amino acid	amino acid	CF ₃	OH	OH
	amino acid	amino acid	CF ₃	OH	OMe
	amino acid	amino acid	CF ₃	OH	OEt
40	amino acid	amino acid	CF ₃	OH	O-cyclopropyl
	amino acid	amino acid	CF ₃	OH	O-acetyl
	amino acid	amino acid	CF ₃	OH	SH
	amino acid	amino acid	CF ₃	OH	SMe
	amino acid	amino acid	CF ₃	OH	SEt
45	amino acid	amino acid	CF ₃	OH	S-cyclopropyl
	amino acid	amino acid	CF ₃	OH	F
	amino acid	amino acid	CF ₃	OH	Cl
	amino acid	amino acid	CF ₃	OH	Br
	amino acid	amino acid	CF ₃	OH	I
50	amino acid	H	CF ₃	OH	H
	amino acid	H	CF ₃	OH	NH ₂
	amino acid	H	CF ₃	OH	NH-cyclopropyl
	amino acid	H	CF ₃	OH	NH-methyl
	amino acid	H	CF ₃	OH	NH-ethyl
55	amino acid	H	CF ₃	OH	NH-acetyl
	amino acid	H	CF ₃	OH	OH
	amino acid	H	CF ₃	OH	OMe
	amino acid	H	CF ₃	OH	OEt
	amino acid	H	CF ₃	OH	O-cyclopropyl
60	amino acid	H	CF ₃	OH	O-acetyl
	amino acid	H	CF ₃	OH	SH
	amino acid	H	CF ₃	OH	SMe
	amino acid	H	CF ₃	OH	SEt
	amino acid	H	CF ₃	OH	S-cyclopropyl
65	amino acid	H	CF ₃	OH	F
	amino acid	H	CF ₃	OH	Cl
	amino acid	H	CF ₃	OH	Br
	amino acid	H	CF ₃	OH	I
	amino acid	acyl	CF ₃	OH	H
	amino acid	acyl	CF ₃	OH	NH ₂
	amino acid	acyl	CF ₃	OH	NH-cyclopropyl
	amino acid	acyl	CF ₃	OH	NH-methyl
	amino acid	acyl	CF ₃	OH	NH-ethyl
	amino acid	acyl	CF ₃	OH	NH-acetyl
	amino acid	acyl	CF ₃	OH	OH
	amino acid	acyl	CF ₃	OH	OMe
	amino acid	acyl	CF ₃	OH	OEt
	amino acid	acyl	CF ₃	OH	O-cyclopropyl
	amino acid	acyl	CF ₃	OH	O-acetyl
	amino acid	acyl	CF ₃	OH	SH
	amino acid	acyl	CF ₃	OH	SMe

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TABLE 14-continued

R ²	R ³	X ¹	X ²	Y
amino acid	acyl	CF ₃	OH	SEt
amino acid	acyl	CF ₃	OH	S-cyclopropyl
amino acid	acyl	CF ₃	OH	F
amino acid	acyl	CF ₃	OH	Cl
amino acid	acyl	CF ₃	OH	Br
amino acid	acyl	CF ₃	OH	I
acyl	H	Br	OH	H
acyl	H	Br	OH	NH ₂
acyl	H	Br	OH	NH-cyclopropyl
acyl	H	Br	OH	NH-methyl
acyl	H	Br	OH	NH-ethyl
acyl	H	Br	OH	NH-acetyl
acyl	H	Br	OH	OH
acyl	H	Br	OH	OMe
acyl	H	Br	OH	OEt
acyl	H	Br	OH	O-cyclopropyl
acyl	H	Br	OH	O-acetyl
acyl	H	Br	OH	SH
acyl	H	Br	OH	SMe
acyl	H	Br	OH	SEt
acyl	H	Br	OH	S-cyclopropyl
acyl	H	Br	OH	F
acyl	H	Br	OH	Cl
acyl	H	Br	OH	Br
acyl	H	Br	OH	I
acyl	acyl	Br	OH	H
acyl	acyl	Br	OH	NH ₂
acyl	acyl	Br	OH	NH-cyclopropyl
acyl	acyl	Br	OH	NH-methyl
acyl	acyl	Br	OH	NH-ethyl
acyl	acyl	Br	OH	NH-acetyl
acyl	acyl	Br	OH	OH
acyl	acyl	Br	OH	OMe
acyl	acyl	Br	OH	OEt
acyl	acyl	Br	OH	O-cyclopropyl
acyl	acyl	Br	OH	O-acetyl
acyl	acyl	Br	OH	SH
acyl	acyl	Br	OH	SMe
acyl	acyl	Br	OH	SEt
acyl	acyl	Br	OH	S-cyclopropyl
acyl	acyl	Br	OH	F
acyl	acyl	Br	OH	Cl
acyl	acyl	Br	OH	Br
acyl	acyl	Br	OH	I
acyl	amino acid	Br	OH	H
acyl	amino acid	Br	OH	NH ₂
acyl	amino acid	Br	OH	NH-cyclopropyl
acyl	amino acid	Br	OH	NH-methyl
acyl	amino acid	Br	OH	NH-ethyl
acyl	amino acid	Br	OH	NH-acetyl
acyl	amino acid	Br	OH	OH
acyl	amino acid	Br	OH	OMe
acyl	amino acid	Br	OH	OEt
acyl	amino acid	Br	OH	O-cyclopropyl
acyl	amino acid	Br	OH	O-acetyl
acyl	amino acid	Br	OH	SH
acyl	amino acid	Br	OH	SMe
acyl	amino acid	Br	OH	SEt
acyl	amino acid	Br	OH	S-cyclopropyl
acyl	amino acid	Br	OH	F
acyl	amino acid	Br	OH	Cl
acyl	amino acid	Br	OH	Br
acyl	amino acid	Br	OH	I
H	acyl	Br	OH	H
H	acyl	Br	OH	NH ₂
H	acyl	Br	OH	NH-cyclopropyl
H	acyl	Br	OH	NH-methyl
H	acyl	Br	OH	NH-ethyl
H	acyl	Br	OH	NH-acetyl
H	acyl	Br	OH	OH
H	acyl	Br	OH	OMe
H	acyl	Br	OH	OEt
H	acyl	Br	OH	O-cyclopropyl
H	acyl	Br	OH	O-acetyl
H	acyl	Br	OH	SH
H	acyl	Br	OH	SMe
H	acyl	Br	OH	SEt

TABLE 14-continued

	R ²	R ³	X ¹	X ²	Y
5	H	acyl	Br	OH	S-cyclopropyl
	H	acyl	Br	OH	F
	H	acyl	Br	OH	Cl
	H	acyl	Br	OH	Br
	H	acyl	Br	OH	I
	H	amino acid	Br	OH	H
10	H	amino acid	Br	OH	NH ₂
	H	amino acid	Br	OH	NH-cyclopropyl
	H	amino acid	Br	OH	NH-methyl
	H	amino acid	Br	OH	NH-ethyl
	H	amino acid	Br	OH	NH-acetyl
	H	amino acid	Br	OH	OMe
15	H	amino acid	Br	OH	OEt
	H	amino acid	Br	OH	O-cyclopropyl
	H	amino acid	Br	OH	O-acetyl
	H	amino acid	Br	OH	SH
	H	amino acid	Br	OH	SMe
	H	amino acid	Br	OH	SEt
20	H	amino acid	Br	OH	S-cyclopropyl
	H	amino acid	Br	OH	F
	H	amino acid	Br	OH	Cl
	H	amino acid	Br	OH	Br
	H	amino acid	Br	OH	I
	amino acid	amino acid	Br	OH	H
25	amino acid	amino acid	Br	OH	NH ₂
	amino acid	amino acid	Br	OH	NH-cyclopropyl
	amino acid	amino acid	Br	OH	NH-methyl
	amino acid	amino acid	Br	OH	NH-ethyl
	amino acid	amino acid	Br	OH	NH-acetyl
	amino acid	amino acid	Br	OH	OH
30	amino acid	amino acid	Br	OH	OMe
	amino acid	amino acid	Br	OH	OEt
	amino acid	amino acid	Br	OH	O-cyclopropyl
	amino acid	amino acid	Br	OH	O-acetyl
	amino acid	amino acid	Br	OH	SH
	amino acid	amino acid	Br	OH	SMe
35	amino acid	amino acid	Br	OH	SEt
	amino acid	amino acid	Br	OH	S-cyclopropyl
	amino acid	amino acid	Br	OH	F
	amino acid	amino acid	Br	OH	Cl
	amino acid	amino acid	Br	OH	Br
	amino acid	amino acid	Br	OH	I
40	amino acid	H	Br	OH	H
	amino acid	H	Br	OH	NH ₂
	amino acid	H	Br	OH	NH-cyclopropyl
	amino acid	H	Br	OH	NH-methyl
	amino acid	H	Br	OH	NH-ethyl
	amino acid	H	Br	OH	NH-acetyl
	amino acid	H	Br	OH	OH
45	amino acid	H	Br	OH	OMe
	amino acid	H	Br	OH	OEt
	amino acid	H	Br	OH	O-cyclopropyl
	amino acid	H	Br	OH	O-acetyl
	amino acid	H	Br	OH	SH
	amino acid	H	Br	OH	SMe
50	amino acid	H	Br	OH	SEt
	amino acid	H	Br	OH	S-cyclopropyl
	amino acid	H	Br	OH	F
	amino acid	H	Br	OH	Cl
	amino acid	H	Br	OH	Br
	amino acid	H	Br	OH	I
55	amino acid	acyl	Br	OH	H
	amino acid	acyl	Br	OH	NH ₂
	amino acid	acyl	Br	OH	NH-cyclopropyl
	amino acid	acyl	Br	OH	NH-methyl
	amino acid	acyl	Br	OH	NH-ethyl
	amino acid	acyl	Br	OH	NH-acetyl
	amino acid	acyl	Br	OH	OH
60	amino acid	acyl	Br	OH	OMe
	amino acid	acyl	Br	OH	OEt
	amino acid	acyl	Br	OH	O-cyclopropyl
	amino acid	acyl	Br	OH	O-acetyl
	amino acid	acyl	Br	OH	SH
	amino acid	acyl	Br	OH	SMe
65	amino acid	acyl	Br	OH	SEt
	amino acid	acyl	Br	OH	S-cyclopropyl

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TABLE 14-continued

R ²	R ³	X ¹	X ²	Y
amino acid	acyl	Br	OH	F
amino acid	acyl	Br	OH	Cl
amino acid	acyl	Br	OH	Br
amino acid	acyl	Br	OH	I
acyl	H	Cl	OH	H
acyl	H	Cl	OH	NH ₂
acyl	H	Cl	OH	NH-cyclopropyl
acyl	H	Cl	OH	NH-methyl
acyl	H	Cl	OH	NH-ethyl
acyl	H	Cl	OH	NH-acetyl
acyl	H	Cl	OH	OH
acyl	H	Cl	OH	OMe
acyl	H	Cl	OH	OEt
acyl	H	Cl	OH	O-cyclopropyl
acyl	H	Cl	OH	O-acetyl
acyl	H	Cl	OH	SH
acyl	H	Cl	OH	SMe
acyl	H	Cl	OH	SEt
acyl	H	Cl	OH	S-cyclopropyl
acyl	H	Cl	OH	F
acyl	H	Cl	OH	Cl
acyl	H	Cl	OH	Br
acyl	H	Cl	OH	I
acyl	acyl	Cl	OH	H
acyl	acyl	Cl	OH	NH ₂
acyl	acyl	Cl	OH	NH-cyclopropyl
acyl	acyl	Cl	OH	NH-methyl
acyl	acyl	Cl	OH	NH-ethyl
acyl	acyl	Cl	OH	NH-acetyl
acyl	acyl	Cl	OH	OH
acyl	acyl	Cl	OH	OMe
acyl	acyl	Cl	OH	OEt
acyl	acyl	Cl	OH	O-cyclopropyl
acyl	acyl	Cl	OH	O-acetyl
acyl	acyl	Cl	OH	SH
acyl	acyl	Cl	OH	SMe
acyl	acyl	Cl	OH	SEt
acyl	acyl	Cl	OH	S-cyclopropyl
acyl	acyl	Cl	OH	F
acyl	acyl	Cl	OH	Cl
acyl	acyl	Cl	OH	Br
acyl	acyl	Cl	OH	I
acyl	amino acid	Cl	OH	H
acyl	amino acid	Cl	OH	NH ₂
acyl	amino acid	Cl	OH	NH-cyclopropyl
acyl	amino acid	Cl	OH	NH-methyl
acyl	amino acid	Cl	OH	NH-ethyl
acyl	amino acid	Cl	OH	NH-acetyl
acyl	amino acid	Cl	OH	OH
acyl	amino acid	Cl	OH	OMe
acyl	amino acid	Cl	OH	OEt
acyl	amino acid	Cl	OH	O-cyclopropyl
acyl	amino acid	Cl	OH	O-acetyl
acyl	amino acid	Cl	OH	SH
acyl	amino acid	Cl	OH	SMe
acyl	amino acid	Cl	OH	SEt
acyl	amino acid	Cl	OH	S-cyclopropyl
acyl	amino acid	Cl	OH	F
acyl	amino acid	Cl	OH	Cl
acyl	amino acid	Cl	OH	Br
acyl	amino acid	Cl	OH	I
H	acyl	Cl	OH	H
H	acyl	Cl	OH	NH ₂
H	acyl	Cl	OH	NH-cyclopropyl
H	acyl	Cl	OH	NH-methyl
H	acyl	Cl	OH	NH-ethyl
H	acyl	Cl	OH	NH-acetyl
H	acyl	Cl	OH	OH
H	acyl	Cl	OH	OMe
H	acyl	Cl	OH	OEt
H	acyl	Cl	OH	O-cyclopropyl
H	acyl	Cl	OH	O-acetyl
H	acyl	Cl	OH	SH
H	acyl	Cl	OH	SMe
H	acyl	Cl	OH	SEt
H	acyl	Cl	OH	S-cyclopropyl
H	acyl	Cl	OH	F

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TABLE 14-continued

	R ²	R ³	X ¹	X ²	Y
5	H	acyl	Cl	OH	Cl
	H	acyl	Cl	OH	Br
	H	acyl	Cl	OH	I
	H	amino acid	Cl	OH	H
	H	amino acid	Cl	OH	NH ₂
	H	amino acid	Cl	OH	NH-cyclopropyl
10	H	amino acid	Cl	OH	NH-methyl
	H	amino acid	Cl	OH	NH-ethyl
	H	amino acid	Cl	OH	NH-acetyl
	H	amino acid	Cl	OH	OH
	H	amino acid	Cl	OH	OMe
	H	amino acid	Cl	OH	OEt
15	H	amino acid	Cl	OH	O-cyclopropyl
	H	amino acid	Cl	OH	O-acetyl
	H	amino acid	Cl	OH	SH
	H	amino acid	Cl	OH	SMe
	H	amino acid	Cl	OH	SEt
	H	amino acid	Cl	OH	S-cyclopropyl
20	H	amino acid	Cl	OH	F
	H	amino acid	Cl	OH	Cl
	H	amino acid	Cl	OH	Br
	H	amino acid	Cl	OH	I
	amino acid	amino acid	Cl	OH	H
	amino acid	amino acid	Cl	OH	NH ₂
25	amino acid	amino acid	Cl	OH	NH-cyclopropyl
	amino acid	amino acid	Cl	OH	NH-methyl
	amino acid	amino acid	Cl	OH	NH-ethyl
	amino acid	amino acid	Cl	OH	NH-acetyl
	amino acid	amino acid	Cl	OH	OH
	amino acid	amino acid	Cl	OH	OMe
	amino acid	amino acid	Cl	OH	OEt
30	amino acid	amino acid	Cl	OH	O-cyclopropyl
	amino acid	amino acid	Cl	OH	O-acetyl
	amino acid	amino acid	Cl	OH	SH
	amino acid	amino acid	Cl	OH	SMe
	amino acid	amino acid	Cl	OH	SEt
	amino acid	amino acid	Cl	OH	S-cyclopropyl
35	amino acid	amino acid	Cl	OH	F
	amino acid	amino acid	Cl	OH	Cl
	amino acid	amino acid	Cl	OH	Br
	amino acid	amino acid	Cl	OH	I
	amino acid	H	Cl	OH	H
	amino acid	H	Cl	OH	NH ₂
40	amino acid	H	Cl	OH	NH-cyclopropyl
	amino acid	H	Cl	OH	NH-methyl
	amino acid	H	Cl	OH	NH-ethyl
	amino acid	H	Cl	OH	NH-acetyl
	amino acid	H	Cl	OH	OH
	amino acid	H	Cl	OH	OMe
	amino acid	H	Cl	OH	OEt
45	amino acid	H	Cl	OH	O-cyclopropyl
	amino acid	H	Cl	OH	O-acetyl
	amino acid	H	Cl	OH	SH
	amino acid	H	Cl	OH	SMe
	amino acid	H	Cl	OH	SEt
	amino acid	H	Cl	OH	S-cyclopropyl
50	amino acid	H	Cl	OH	F
	amino acid	H	Cl	OH	Cl
	amino acid	H	Cl	OH	Br
	amino acid	H	Cl	OH	I
	amino acid	acyl	Cl	OH	H
	amino acid	acyl	Cl	OH	NH ₂
55	amino acid	acyl	Cl	OH	NH-cyclopropyl
	amino acid	acyl	Cl	OH	NH-methyl
	amino acid	acyl	Cl	OH	NH-ethyl
	amino acid	acyl	Cl	OH	NH-acetyl
	amino acid	acyl	Cl	OH	OH
	amino acid	acyl	Cl	OH	OMe
	amino acid	acyl	Cl	OH	OEt
60	amino acid	acyl	Cl	OH	O-cyclopropyl
	amino acid	acyl	Cl	OH	O-acetyl
	amino acid	acyl	Cl	OH	SH
	amino acid	acyl	Cl	OH	SMe
	amino acid	acyl	Cl	OH	SEt
	amino acid	acyl	Cl	OH	S-cyclopropyl
65	amino acid	acyl	Cl	OH	F
	amino acid	acyl	Cl	OH	Cl

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TABLE 14-continued

R ²	R ³	X ¹	X ²	Y
amino acid	acyl	Cl	OH	Br
amino acid	acyl	Cl	OH	I
acyl	H	F	OH	H
acyl	H	F	OH	NH ₂
acyl	H	F	OH	NH-cyclopropyl
acyl	H	F	OH	NH-methyl
acyl	H	F	OH	NH-ethyl
acyl	H	F	OH	NH-acetyl
acyl	H	F	OH	OH
acyl	H	F	OH	OMe
acyl	H	F	OH	OEt
acyl	H	F	OH	O-cyclopropyl
acyl	H	F	OH	O-acetyl
acyl	H	F	OH	SH
acyl	H	F	OH	SMe
acyl	H	F	OH	SEt
acyl	H	F	OH	S-cyclopropyl
acyl	H	F	OH	F
acyl	H	F	OH	Cl
acyl	H	F	OH	Br
acyl	H	F	OH	I
acyl	acyl	F	OH	H
acyl	acyl	F	OH	NH ₂
acyl	acyl	F	OH	NH-cyclopropyl
acyl	acyl	F	OH	NH-methyl
acyl	acyl	F	OH	NH-ethyl
acyl	acyl	F	OH	NH-acetyl
acyl	acyl	F	OH	OH
acyl	acyl	F	OH	OMe
acyl	acyl	F	OH	OEt
acyl	acyl	F	OH	O-cyclopropyl
acyl	acyl	F	OH	O-acetyl
acyl	acyl	F	OH	SH
acyl	acyl	F	OH	SMe
acyl	acyl	F	OH	SEt
acyl	acyl	F	OH	S-cyclopropyl
acyl	acyl	F	OH	F
acyl	acyl	F	OH	Cl
acyl	acyl	F	OH	Br
acyl	acyl	F	OH	I
acyl	amino acid	F	OH	H
acyl	amino acid	F	OH	NH ₂
acyl	amino acid	F	OH	NH-cyclopropyl
acyl	amino acid	F	OH	NH-methyl
acyl	amino acid	F	OH	NH-ethyl
acyl	amino acid	F	OH	NH-acetyl
acyl	amino acid	F	OH	OH
acyl	amino acid	F	OH	OMe
acyl	amino acid	F	OH	OEt
acyl	amino acid	F	OH	O-cyclopropyl
acyl	amino acid	F	OH	O-acetyl
acyl	amino acid	F	OH	SH
acyl	amino acid	F	OH	SMe
acyl	amino acid	F	OH	SEt
acyl	amino acid	F	OH	S-cyclopropyl
acyl	amino acid	F	OH	F
acyl	amino acid	F	OH	Cl
acyl	amino acid	F	OH	Br
acyl	amino acid	F	OH	I
H	acyl	F	OH	H
H	acyl	F	OH	NH ₂
H	acyl	F	OH	NH-cyclopropyl
H	acyl	F	OH	NH-methyl
H	acyl	F	OH	NH-ethyl
H	acyl	F	OH	NH-acetyl
H	acyl	F	OH	OH
H	acyl	F	OH	OMe
H	acyl	F	OH	OEt
H	acyl	F	OH	O-cyclopropyl
H	acyl	F	OH	O-acetyl
H	acyl	F	OH	SH
H	acyl	F	OH	SMe
H	acyl	F	OH	SEt
H	acyl	F	OH	S-cyclopropyl
H	acyl	F	OH	F
H	acyl	F	OH	Cl
H	acyl	F	OH	Br

TABLE 14-continued

	R ²	R ³	X ¹	X ²	Y
5	H	acyl	F	OH	I
	H	amino acid	F	OH	H
	H	amino acid	F	OH	NH ₂
	H	amino acid	F	OH	NH-cyclopropyl
	H	amino acid	F	OH	NH-methyl
	H	amino acid	F	OH	NH-ethyl
10	H	amino acid	F	OH	NH-acetyl
	H	amino acid	F	OH	OH
	H	amino acid	F	OH	OMe
	H	amino acid	F	OH	OEt
	H	amino acid	F	OH	O-cyclopropyl
	H	amino acid	F	OH	O-acetyl
15	H	amino acid	F	OH	SH
	H	amino acid	F	OH	SMe
	H	amino acid	F	OH	SEt
	H	amino acid	F	OH	S-cyclopropyl
	H	amino acid	F	OH	F
	H	amino acid	F	OH	Cl
20	H	amino acid	F	OH	Br
	H	amino acid	F	OH	I
	amino acid	amino acid	F	OH	H
	amino acid	amino acid	F	OH	NH ₂
	amino acid	amino acid	F	OH	NH-cyclopropyl
	amino acid	amino acid	F	OH	NH-methyl
25	amino acid	amino acid	F	OH	NH-ethyl
	amino acid	amino acid	F	OH	NH-acetyl
	amino acid	amino acid	F	OH	OH
	amino acid	amino acid	F	OH	OMe
	amino acid	amino acid	F	OH	OEt
	amino acid	amino acid	F	OH	O-cyclopropyl
	amino acid	amino acid	F	OH	O-acetyl
30	amino acid	amino acid	F	OH	SH
	amino acid	amino acid	F	OH	SMe
	amino acid	amino acid	F	OH	SEt
	amino acid	amino acid	F	OH	S-cyclopropyl
	amino acid	amino acid	F	OH	F
	amino acid	amino acid	F	OH	Cl
35	amino acid	amino acid	F	OH	Br
	amino acid	amino acid	F	OH	I
	amino acid	H	F	OH	H
	amino acid	H	F	OH	NH ₂
	amino acid	H	F	OH	NH-cyclopropyl
	amino acid	H	F	OH	NH-methyl
40	amino acid	H	F	OH	NH-ethyl
	amino acid	H	F	OH	NH-acetyl
	amino acid	H	F	OH	OH
	amino acid	H	F	OH	OMe
	amino acid	H	F	OH	OEt
	amino acid	H	F	OH	O-cyclopropyl
	amino acid	H	F	OH	O-acetyl
45	amino acid	H	F	OH	SH
	amino acid	H	F	OH	SMe
	amino acid	H	F	OH	SEt
	amino acid	H	F	OH	S-cyclopropyl
	amino acid	H	F	OH	F
	amino acid	H	F	OH	Cl
50	amino acid	H	F	OH	Br
	amino acid	H	F	OH	I
	amino acid	acyl	F	OH	H
	amino acid	acyl	F	OH	NH ₂
	amino acid	acyl	F	OH	NH-cyclopropyl
	amino acid	acyl	F	OH	NH-methyl
55	amino acid	acyl	F	OH	NH-ethyl
	amino acid	acyl	F	OH	NH-acetyl
	amino acid	acyl	F	OH	OH
	amino acid	acyl	F	OH	OMe
	amino acid	acyl	F	OH	OEt
	amino acid	acyl	F	OH	O-cyclopropyl
	amino acid	acyl	F	OH	O-acetyl
60	amino acid	acyl	F	OH	SH
	amino acid	acyl	F	OH	SMe
	amino acid	acyl	F	OH	SEt
	amino acid	acyl	F	OH	S-cyclopropyl
	amino acid	acyl	F	OH	F
	amino acid	acyl	F	OH	Cl
65	amino acid	acyl	F	OH	Br
	amino acid	acyl	F	OH	I

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TABLE 14-continued

R ²	R ³	X ¹	X ²	Y
acyl	H	NH ₂	OH	H
acyl	H	NH ₂	OH	NH ₂
acyl	H	NH ₂	OH	NH-cyclopropyl
acyl	H	NH ₂	OH	NH-methyl
acyl	H	NH ₂	OH	NH-ethyl
acyl	H	NH ₂	OH	NH-acetyl
acyl	H	NH ₂	OH	OH
acyl	H	NH ₂	OH	OMe
acyl	H	NH ₂	OH	OEt
acyl	H	NH ₂	OH	O-cyclopropyl
acyl	H	NH ₂	OH	O-acetyl
acyl	H	NH ₂	OH	SH
acyl	H	NH ₂	OH	SMe
acyl	H	NH ₂	OH	SEt
acyl	H	NH ₂	OH	S-cyclopropyl
acyl	H	NH ₂	OH	F
acyl	H	NH ₂	OH	Cl
acyl	H	NH ₂	OH	Br
acyl	H	NH ₂	OH	I
acyl	acyl	NH ₂	OH	H
acyl	acyl	NH ₂	OH	NH ₂
acyl	acyl	NH ₂	OH	NH-cyclopropyl
acyl	acyl	NH ₂	OH	NH-methyl
acyl	acyl	NH ₂	OH	NH-ethyl
acyl	acyl	NH ₂	OH	NH-acetyl
acyl	acyl	NH ₂	OH	OH
acyl	acyl	NH ₂	OH	OMe
acyl	acyl	NH ₂	OH	OEt
acyl	acyl	NH ₂	OH	O-cyclopropyl
acyl	acyl	NH ₂	OH	O-acetyl
acyl	acyl	NH ₂	OH	SH
acyl	acyl	NH ₂	OH	SMe
acyl	acyl	NH ₂	OH	SEt
acyl	acyl	NH ₂	OH	S-cyclopropyl
acyl	acyl	NH ₂	OH	F
acyl	acyl	NH ₂	OH	Cl
acyl	acyl	NH ₂	OH	Br
acyl	acyl	NH ₂	OH	I
acyl	amino acid	NH ₂	OH	H
acyl	amino acid	NH ₂	OH	NH ₂
acyl	amino acid	NH ₂	OH	NH-cyclopropyl
acyl	amino acid	NH ₂	OH	NH-methyl
acyl	amino acid	NH ₂	OH	NH-ethyl
acyl	amino acid	NH ₂	OH	NH-acetyl
acyl	amino acid	NH ₂	OH	OH
acyl	amino acid	NH ₂	OH	OMe
acyl	amino acid	NH ₂	OH	OEt
acyl	amino acid	NH ₂	OH	O-cyclopropyl
acyl	amino acid	NH ₂	OH	O-acetyl
acyl	amino acid	NH ₂	OH	SH
acyl	amino acid	NH ₂	OH	SMe
acyl	amino acid	NH ₂	OH	SEt
acyl	amino acid	NH ₂	OH	S-cyclopropyl
acyl	amino acid	NH ₂	OH	F
acyl	amino acid	NH ₂	OH	Cl
acyl	amino acid	NH ₂	OH	Br
acyl	amino acid	NH ₂	OH	I
H	acyl	NH ₂	OH	H
H	acyl	NH ₂	OH	NH ₂
H	acyl	NH ₂	OH	NH-cyclopropyl
H	acyl	NH ₂	OH	NH-methyl
H	acyl	NH ₂	OH	NH-ethyl
H	acyl	NH ₂	OH	NH-acetyl
H	acyl	NH ₂	OH	OH
H	acyl	NH ₂	OH	OMe
H	acyl	NH ₂	OH	OEt
H	acyl	NH ₂	OH	O-cyclopropyl
H	acyl	NH ₂	OH	O-acetyl
H	acyl	NH ₂	OH	SH
H	acyl	NH ₂	OH	SMe
H	acyl	NH ₂	OH	SEt
H	acyl	NH ₂	OH	S-cyclopropyl
H	acyl	NH ₂	OH	F
H	acyl	NH ₂	OH	Cl
H	acyl	NH ₂	OH	Br
H	acyl	NH ₂	OH	I
H	amino acid	NH ₂	OH	H

TABLE 14-continued

R ²	R ³	X ¹	X ²	Y	
5	H	amino acid	NH ₂	OH	NH ₂
	H	amino acid	NH ₂	OH	NH-cyclopropyl
	H	amino acid	NH ₂	OH	NH-methyl
	H	amino acid	NH ₂	OH	NH-ethyl
	H	amino acid	NH ₂	OH	NH-acetyl
10	H	amino acid	NH ₂	OH	OH
	H	amino acid	NH ₂	OH	OMe
	H	amino acid	NH ₂	OH	OEt
	H	amino acid	NH ₂	OH	O-cyclopropyl
	H	amino acid	NH ₂	OH	O-acetyl
15	H	amino acid	NH ₂	OH	SH
	H	amino acid	NH ₂	OH	SMe
	H	amino acid	NH ₂	OH	SEt
	H	amino acid	NH ₂	OH	S-cyclopropyl
	H	amino acid	NH ₂	OH	F
20	H	amino acid	NH ₂	OH	Cl
	H	amino acid	NH ₂	OH	Br
	H	amino acid	NH ₂	OH	I
	amino acid	amino acid	NH ₂	OH	H
	amino acid	amino acid	NH ₂	OH	NH ₂
25	amino acid	amino acid	NH ₂	OH	NH-cyclopropyl
	amino acid	amino acid	NH ₂	OH	NH-methyl
	amino acid	amino acid	NH ₂	OH	NH-ethyl
	amino acid	amino acid	NH ₂	OH	NH-acetyl
	amino acid	amino acid	NH ₂	OH	OH
30	amino acid	amino acid	NH ₂	OH	OMe
	amino acid	amino acid	NH ₂	OH	OEt
	amino acid	amino acid	NH ₂	OH	O-cyclopropyl
	amino acid	amino acid	NH ₂	OH	O-acetyl
	amino acid	amino acid	NH ₂	OH	SH
35	amino acid	amino acid	NH ₂	OH	SMe
	amino acid	amino acid	NH ₂	OH	SEt
	amino acid	amino acid	NH ₂	OH	S-cyclopropyl
	amino acid	amino acid	NH ₂	OH	F
	amino acid	amino acid	NH ₂	OH	Cl
40	amino acid	amino acid	NH ₂	OH	Br
	amino acid	amino acid	NH ₂	OH	I
	amino acid	H	NH ₂	OH	H
	amino acid	H	NH ₂	OH	NH ₂
	amino acid	H	NH ₂	OH	NH-cyclopropyl
45	amino acid	H	NH ₂	OH	NH-methyl
	amino acid	H	NH ₂	OH	NH-ethyl
	amino acid	H	NH ₂	OH	NH-acetyl
	amino acid	H	NH ₂	OH	OH
	amino acid	H	NH ₂	OH	OMe
50	amino acid	H	NH ₂	OH	OEt
	amino acid	H	NH ₂	OH	O-cyclopropyl
	amino acid	H	NH ₂	OH	O-acetyl
	amino acid	H	NH ₂	OH	SH
	amino acid	H	NH ₂	OH	SMe
55	amino acid	H	NH ₂	OH	SEt
	amino acid	H	NH ₂	OH	S-cyclopropyl
	amino acid	H	NH ₂	OH	F
	amino acid	H	NH ₂	OH	Cl
	amino acid	H	NH ₂	OH	Br
60	amino acid	H	NH ₂	OH	I
	amino acid	acyl	NH ₂	OH	H
	amino acid	acyl	NH ₂	OH	NH ₂
	amino acid	acyl	NH ₂	OH	NH-cyclopropyl
	amino acid	acyl	NH ₂	OH	NH-methyl
65	amino acid	acyl	NH ₂	OH	NH-ethyl
	amino acid	acyl	NH ₂	OH	NH-acetyl
	amino acid	acyl	NH ₂	OH	OH
	amino acid	acyl	NH ₂	OH	OMe
	amino acid	acyl	NH ₂	OH	OEt
	amino acid	acyl	NH ₂	OH	O-cyclopropyl
	amino acid	acyl	NH ₂	OH	O-acetyl
	amino acid	acyl	NH ₂	OH	SH
	amino acid	acyl	NH ₂	OH	SMe
	amino acid	acyl	NH ₂	OH	SEt
	amino acid	acyl	NH ₂	OH	S-cyclopropyl
	amino acid	acyl	NH ₂	OH	F
	amino acid	acyl	NH ₂	OH	Cl
	amino acid	acyl	NH ₂	OH	Br
	amino acid	acyl	NH ₂	OH	I
	acyl	H	SH	OH	H
	acyl	H	SH	OH	NH ₂

TABLE 14-continued

R ²	R ³	X ¹	X ²	Y
acyl	H	SH	OH	NH-cyclopropyl
acyl	H	SH	OH	NH-methyl
acyl	H	SH	OH	NH-ethyl
acyl	H	SH	OH	NH-acetyl
acyl	H	SH	OH	OH
acyl	H	SH	OH	OMe
acyl	H	SH	OH	OEt
acyl	H	SH	OH	O-cyclopropyl
acyl	H	SH	OH	O-acetyl
acyl	H	SH	OH	SH
acyl	H	SH	OH	SMe
acyl	H	SH	OH	SEt
acyl	H	SH	OH	S-cyclopropyl
acyl	H	SH	OH	F
acyl	H	SH	OH	Cl
acyl	H	SH	OH	Br
acyl	H	SH	OH	I
acyl	H	SH	OH	H
acyl	acyl	SH	OH	H
acyl	acyl	SH	OH	NH ₂
acyl	acyl	SH	OH	NH-cyclopropyl
acyl	acyl	SH	OH	NH-methyl
acyl	acyl	SH	OH	NH-ethyl
acyl	acyl	SH	OH	NH-acetyl
acyl	acyl	SH	OH	OH
acyl	acyl	SH	OH	OMe
acyl	acyl	SH	OH	OEt
acyl	acyl	SH	OH	O-cyclopropyl
acyl	acyl	SH	OH	O-acetyl
acyl	acyl	SH	OH	SH
acyl	acyl	SH	OH	SMe
acyl	acyl	SH	OH	SEt
acyl	acyl	SH	OH	S-cyclopropyl
acyl	acyl	SH	OH	F
acyl	acyl	SH	OH	Cl
acyl	acyl	SH	OH	Br
acyl	acyl	SH	OH	I
acyl	acyl	SH	OH	H
acyl	amino acid	SH	OH	H
acyl	amino acid	SH	OH	NH ₂
acyl	amino acid	SH	OH	NH-cyclopropyl
acyl	amino acid	SH	OH	NH-methyl
acyl	amino acid	SH	OH	NH-ethyl
acyl	amino acid	SH	OH	NH-acetyl
acyl	amino acid	SH	OH	OH
acyl	amino acid	SH	OH	OMe
acyl	amino acid	SH	OH	OEt
acyl	amino acid	SH	OH	O-cyclopropyl
acyl	amino acid	SH	OH	O-acetyl
acyl	amino acid	SH	OH	SH
acyl	amino acid	SH	OH	SMe
acyl	amino acid	SH	OH	SEt
acyl	amino acid	SH	OH	S-cyclopropyl
acyl	amino acid	SH	OH	F
acyl	amino acid	SH	OH	Cl
acyl	amino acid	SH	OH	Br
acyl	amino acid	SH	OH	I
acyl	amino acid	SH	OH	H
H	acyl	SH	OH	H
H	acyl	SH	OH	NH ₂
H	acyl	SH	OH	NH-cyclopropyl
H	acyl	SH	OH	NH-methyl
H	acyl	SH	OH	NH-ethyl
H	acyl	SH	OH	NH-acetyl
H	acyl	SH	OH	OH
H	acyl	SH	OH	OMe
H	acyl	SH	OH	OEt
H	acyl	SH	OH	O-cyclopropyl
H	acyl	SH	OH	O-acetyl
H	acyl	SH	OH	SH
H	acyl	SH	OH	SMe
H	acyl	SH	OH	SEt
H	acyl	SH	OH	S-cyclopropyl
H	acyl	SH	OH	F
H	acyl	SH	OH	Cl
H	acyl	SH	OH	Br
H	acyl	SH	OH	I
H	acyl	SH	OH	H
H	amino acid	SH	OH	H
H	amino acid	SH	OH	NH ₂
H	amino acid	SH	OH	NH-cyclopropyl

TABLE 14-continued

	R ²	R ³	X ¹	X ²	Y
5	H	amino acid	SH	OH	NH-methyl
	H	amino acid	SH	OH	NH-ethyl
	H	amino acid	SH	OH	NH-acetyl
	H	amino acid	SH	OH	OH
	H	amino acid	SH	OH	OMe
10	H	amino acid	SH	OH	OEt
	H	amino acid	SH	OH	O-cyclopropyl
	H	amino acid	SH	OH	O-acetyl
	H	amino acid	SH	OH	SH
	H	amino acid	SH	OH	SMe
15	H	amino acid	SH	OH	SEt
	H	amino acid	SH	OH	S-cyclopropyl
	H	amino acid	SH	OH	F
	H	amino acid	SH	OH	Cl
	H	amino acid	SH	OH	Br
20	H	amino acid	SH	OH	I
	amino acid	amino acid	SH	OH	H
	amino acid	amino acid	SH	OH	NH ₂
	amino acid	amino acid	SH	OH	NH-cyclopropyl
	amino acid	amino acid	SH	OH	NH-methyl
25	amino acid	amino acid	SH	OH	NH-ethyl
	amino acid	amino acid	SH	OH	NH-acetyl
	amino acid	amino acid	SH	OH	OH
	amino acid	amino acid	SH	OH	OMe
	amino acid	amino acid	SH	OH	OEt
30	amino acid	amino acid	SH	OH	O-cyclopropyl
	amino acid	amino acid	SH	OH	O-acetyl
	amino acid	amino acid	SH	OH	SH
	amino acid	amino acid	SH	OH	SMe
	amino acid	amino acid	SH	OH	SEt
35	amino acid	amino acid	SH	OH	S-cyclopropyl
	amino acid	amino acid	SH	OH	F
	amino acid	amino acid	SH	OH	Cl
	amino acid	amino acid	SH	OH	Br
	amino acid	amino acid	SH	OH	I
40	amino acid	H	SH	OH	H
	amino acid	H	SH	OH	NH ₂
	amino acid	H	SH	OH	NH-cyclopropyl
	amino acid	H	SH	OH	NH-methyl
	amino acid	H	SH	OH	NH-ethyl
45	amino acid	H	SH	OH	NH-acetyl
	amino acid	H	SH	OH	OH
	amino acid	H	SH	OH	OMe
	amino acid	H	SH	OH	OEt
	amino acid	H	SH	OH	O-cyclopropyl
50	amino acid	H	SH	OH	O-acetyl
	amino acid	H	SH	OH	SH
	amino acid	H	SH	OH	SMe
	amino acid	H	SH	OH	SEt
	amino acid	H	SH	OH	S-cyclopropyl
55	amino acid	H	SH	OH	F
	amino acid	H	SH	OH	Cl
	amino acid	H	SH	OH	Br
	amino acid	H	SH	OH	I
	amino acid	acyl	SH	OH	H
60	amino acid	acyl	SH	OH	NH ₂
	amino acid	acyl	SH	OH	NH-cyclopropyl
	amino acid	acyl	SH	OH	NH-methyl
	amino acid	acyl	SH	OH	NH-ethyl
	amino acid	acyl	SH	OH	NH-acetyl
65	amino acid	acyl	SH	OH	OH
	amino acid	acyl	SH	OH	OMe
	amino acid	acyl	SH	OH	OEt
	amino acid	acyl	SH	OH	O-cyclopropyl
	amino acid	acyl	SH	OH	O-acetyl
70	amino acid	acyl	SH	OH	SH
	amino acid	acyl	SH	OH	SMe
	amino acid	acyl	SH	OH	SEt
	amino acid	acyl	SH	OH	S-cyclopropyl
	amino acid	acyl	SH	OH	F
75	amino acid	acyl	SH	OH	Cl
	amino acid	acyl	SH	OH	Br
	amino acid	acyl	SH	OH	I
	acyl	H	OH	OH	H
	acyl	H	OH	OH	NH ₂
80	acyl	H	OH	OH	NH-cyclopropyl
	acyl	H	OH	OH	NH-methyl

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TABLE 14-continued

R ²	R ³	X ¹	X ²	Y
acyl	H	OH	OH	NH-ethyl
acyl	H	OH	OH	NH-acetyl
acyl	H	OH	OH	OH
acyl	H	OH	OH	OMe
acyl	H	OH	OH	OEt
acyl	H	OH	OH	O-cyclopropyl
acyl	H	OH	OH	O-acetyl
acyl	H	OH	OH	SH
acyl	H	OH	OH	SMe
acyl	H	OH	OH	SEt
acyl	H	OH	OH	S-cyclopropyl
acyl	H	OH	OH	F
acyl	H	OH	OH	Cl
acyl	H	OH	OH	Br
acyl	H	OH	OH	I
acyl	acyl	OH	OH	H
acyl	acyl	OH	OH	NH ₂
acyl	acyl	OH	OH	NH-cyclopropyl
acyl	acyl	OH	OH	NH-methyl
acyl	acyl	OH	OH	NH-ethyl
acyl	acyl	OH	OH	NH-acetyl
acyl	acyl	OH	OH	OH
acyl	acyl	OH	OH	OMe
acyl	acyl	OH	OH	OEt
acyl	acyl	OH	OH	O-cyclopropyl
acyl	acyl	OH	OH	O-acetyl
acyl	acyl	OH	OH	SH
acyl	acyl	OH	OH	SMe
acyl	acyl	OH	OH	SEt
acyl	acyl	OH	OH	S-cyclopropyl
acyl	acyl	OH	OH	F
acyl	acyl	OH	OH	Cl
acyl	acyl	OH	OH	Br
acyl	acyl	OH	OH	I
acyl	amino acid	OH	OH	H
acyl	amino acid	OH	OH	NH ₂
acyl	amino acid	OH	OH	NH-cyclopropyl
acyl	amino acid	OH	OH	NH-methyl
acyl	amino acid	OH	OH	NH-ethyl
acyl	amino acid	OH	OH	NH-acetyl
acyl	amino acid	OH	OH	OH
acyl	amino acid	OH	OH	OMe
acyl	amino acid	OH	OH	OEt
acyl	amino acid	OH	OH	O-cyclopropyl
acyl	amino acid	OH	OH	O-acetyl
acyl	amino acid	OH	OH	SH
acyl	amino acid	OH	OH	SMe
acyl	amino acid	OH	OH	SEt
acyl	amino acid	OH	OH	S-cyclopropyl
acyl	amino acid	OH	OH	F
acyl	amino acid	OH	OH	Cl
acyl	amino acid	OH	OH	Br
acyl	amino acid	OH	OH	I
H	acyl	OH	OH	H
H	acyl	OH	OH	NH ₂
H	acyl	OH	OH	NH-cyclopropyl
H	acyl	OH	OH	NH-methyl
H	acyl	OH	OH	NH-ethyl
H	acyl	OH	OH	NH-acetyl
H	acyl	OH	OH	OH
H	acyl	OH	OH	OMe
H	acyl	OH	OH	OEt
H	acyl	OH	OH	O-cyclopropyl
H	acyl	OH	OH	O-acetyl
H	acyl	OH	OH	SH
H	acyl	OH	OH	SMe
H	acyl	OH	OH	SEt
H	acyl	OH	OH	S-cyclopropyl
H	acyl	OH	OH	F
H	acyl	OH	OH	Cl
H	acyl	OH	OH	Br
H	acyl	OH	OH	I
H	amino acid	OH	OH	H
H	amino acid	OH	OH	NH ₂
H	amino acid	OH	OH	NH-cyclopropyl
H	amino acid	OH	OH	NH-methyl
H	amino acid	OH	OH	NH-ethyl
H	amino acid	OH	OH	NH-acetyl

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TABLE 14-continued

	R ²	R ³	X ¹	X ²	Y
5	H	amino acid	OH	OH	NH-acetyl
	H	amino acid	OH	OH	OH
	H	amino acid	OH	OH	OMe
	H	amino acid	OH	OH	OEt
	H	amino acid	OH	OH	O-cyclopropyl
10	H	amino acid	OH	OH	O-acetyl
	H	amino acid	OH	OH	SH
	H	amino acid	OH	OH	SMe
	H	amino acid	OH	OH	SEt
	H	amino acid	OH	OH	S-cyclopropyl
15	H	amino acid	OH	OH	F
	H	amino acid	OH	OH	Cl
	H	amino acid	OH	OH	Br
	H	amino acid	OH	OH	I
	amino acid	amino acid	OH	OH	H
20	amino acid	amino acid	OH	OH	NH ₂
	amino acid	amino acid	OH	OH	NH-cyclopropyl
	amino acid	amino acid	OH	OH	NH-methyl
	amino acid	amino acid	OH	OH	NH-ethyl
	amino acid	amino acid	OH	OH	NH-acetyl
25	amino acid	amino acid	OH	OH	OH
	amino acid	amino acid	OH	OH	OMe
	amino acid	amino acid	OH	OH	OEt
	amino acid	amino acid	OH	OH	O-cyclopropyl
	amino acid	amino acid	OH	OH	O-acetyl
30	amino acid	amino acid	OH	OH	SH
	amino acid	amino acid	OH	OH	SMe
	amino acid	amino acid	OH	OH	SEt
	amino acid	amino acid	OH	OH	S-cyclopropyl
	amino acid	amino acid	OH	OH	F
35	amino acid	amino acid	OH	OH	Cl
	amino acid	amino acid	OH	OH	Br
	amino acid	amino acid	OH	OH	I
	amino acid	H	OH	OH	H
	amino acid	H	OH	OH	NH ₂
40	amino acid	H	OH	OH	NH-cyclopropyl
	amino acid	H	OH	OH	NH-methyl
	amino acid	H	OH	OH	NH-ethyl
	amino acid	H	OH	OH	NH-acetyl
	amino acid	H	OH	OH	OH
45	amino acid	H	OH	OH	OMe
	amino acid	H	OH	OH	OEt
	amino acid	H	OH	OH	O-cyclopropyl
	amino acid	H	OH	OH	O-acetyl
	amino acid	H	OH	OH	SH
50	amino acid	H	OH	OH	SMe
	amino acid	H	OH	OH	SEt
	amino acid	H	OH	OH	S-cyclopropyl
	amino acid	H	OH	OH	F
	amino acid	H	OH	OH	Cl
55	amino acid	H	OH	OH	Br
	amino acid	H	OH	OH	I
	amino acid	acyl	OH	OH	H
	amino acid	acyl	OH	OH	NH ₂
	amino acid	acyl	OH	OH	NH-cyclopropyl
60	amino acid	acyl	OH	OH	NH-methyl
	amino acid	acyl	OH	OH	NH-ethyl
	amino acid	acyl	OH	OH	NH-acetyl
	amino acid	acyl	OH	OH	OH
	amino acid	acyl	OH	OH	OMe
65	amino acid	acyl	OH	OH	OEt
	amino acid	acyl	OH	OH	O-cyclopropyl
	amino acid	acyl	OH	OH	O-acetyl
	amino acid	acyl	OH	OH	SH
	amino acid	acyl	OH	OH	SMe
70	amino acid	acyl	OH	OH	SEt
	amino acid	acyl	OH	OH	S-cyclopropyl
	amino acid	acyl	OH	OH	F
	amino acid	acyl	OH	OH	Cl
	amino acid	acyl	OH	OH	Br
75	acyl	H	OH	OH	I
	acyl	H	CH ₃	H	H
	acyl	H	CH ₃	H	NH ₂
	acyl	H	CH ₃	H	NH-cyclopropyl
	acyl	H	CH ₃	H	NH-methyl
80	acyl	H	CH ₃	H	NH-ethyl
	acyl	H	CH ₃	H	NH-acetyl
	acyl	H	CH ₃	H	OH
	acyl	H	CH ₃	H	OMe
	acyl	H	CH ₃	H	OEt

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TABLE 14-continued

R ²	R ³	X ¹	X ²	Y
acyl	H	CH ₃	H	OH
acyl	H	CH ₃	H	OMe
acyl	H	CH ₃	H	OEt
acyl	H	CH ₃	H	O-cyclopropyl
acyl	H	CH ₃	H	O-acetyl
acyl	H	CH ₃	H	SH
acyl	H	CH ₃	H	SMe
acyl	H	CH ₃	H	SEt
acyl	H	CH ₃	H	S-cyclopropyl
acyl	H	CH ₃	H	F
acyl	H	CH ₃	H	Cl
acyl	H	CH ₃	H	Br
acyl	H	CH ₃	H	I
acyl	acyl	CH ₃	H	H
acyl	acyl	CH ₃	H	NH ₂
acyl	acyl	CH ₃	H	NH-cyclopropyl
acyl	acyl	CH ₃	H	NH-methyl
acyl	acyl	CH ₃	H	NH-ethyl
acyl	acyl	CH ₃	H	NH-acetyl
acyl	acyl	CH ₃	H	OH
acyl	acyl	CH ₃	H	OMe
acyl	acyl	CH ₃	H	OEt
acyl	acyl	CH ₃	H	O-cyclopropyl
acyl	acyl	CH ₃	H	O-acetyl
acyl	acyl	CH ₃	H	SH
acyl	acyl	CH ₃	H	SMe
acyl	acyl	CH ₃	H	SEt
acyl	acyl	CH ₃	H	S-cyclopropyl
acyl	acyl	CH ₃	H	F
acyl	acyl	CH ₃	H	Cl
acyl	acyl	CH ₃	H	Br
acyl	acyl	CH ₃	H	I
acyl	amino acid	CH ₃	H	H
acyl	amino acid	CH ₃	H	NH ₂
acyl	amino acid	CH ₃	H	NH-cyclopropyl
acyl	amino acid	CH ₃	H	NH-methyl
acyl	amino acid	CH ₃	H	NH-ethyl
acyl	amino acid	CH ₃	H	NH-acetyl
acyl	amino acid	CH ₃	H	OH
acyl	amino acid	CH ₃	H	OMe
acyl	amino acid	CH ₃	H	OEt
acyl	amino acid	CH ₃	H	O-cyclopropyl
acyl	amino acid	CH ₃	H	O-acetyl
acyl	amino acid	CH ₃	H	SH
acyl	amino acid	CH ₃	H	SMe
acyl	amino acid	CH ₃	H	SEt
acyl	amino acid	CH ₃	H	S-cyclopropyl
acyl	amino acid	CH ₃	H	F
acyl	amino acid	CH ₃	H	Cl
acyl	amino acid	CH ₃	H	Br
acyl	amino acid	CH ₃	H	I
H	acyl	CH ₃	H	H
H	acyl	CH ₃	H	NH ₂
H	acyl	CH ₃	H	NH-cyclopropyl
H	acyl	CH ₃	H	NH-methyl
H	acyl	CH ₃	H	NH-ethyl
H	acyl	CH ₃	H	NH-acetyl
H	acyl	CH ₃	H	OH
H	acyl	CH ₃	H	OMe
H	acyl	CH ₃	H	OEt
H	acyl	CH ₃	H	O-cyclopropyl
H	acyl	CH ₃	H	O-acetyl
H	acyl	CH ₃	H	SH
H	acyl	CH ₃	H	SMe
H	acyl	CH ₃	H	SEt
H	acyl	CH ₃	H	S-cyclopropyl
H	acyl	CH ₃	H	F
H	acyl	CH ₃	H	Cl
H	acyl	CH ₃	H	Br
H	acyl	CH ₃	H	I
H	amino acid	CH ₃	H	H
H	amino acid	CH ₃	H	NH ₂
H	amino acid	CH ₃	H	NH-cyclopropyl
H	amino acid	CH ₃	H	NH-methyl
H	amino acid	CH ₃	H	NH-ethyl
H	amino acid	CH ₃	H	NH-acetyl
H	amino acid	CH ₃	H	OH

TABLE 14-continued

	R ²	R ³	X ¹	X ²	Y
5	H	amino acid	CH ₃	H	OMe
	H	amino acid	CH ₃	H	OEt
	H	amino acid	CH ₃	H	O-cyclopropyl
	H	amino acid	CH ₃	H	O-acetyl
	H	amino acid	CH ₃	H	SH
	H	amino acid	CH ₃	H	SMe
10	H	amino acid	CH ₃	H	SEt
	H	amino acid	CH ₃	H	S-cyclopropyl
	H	amino acid	CH ₃	H	F
	H	amino acid	CH ₃	H	Cl
	H	amino acid	CH ₃	H	Br
	H	amino acid	CH ₃	H	I
15	amino acid	amino acid	CH ₃	H	H
	amino acid	amino acid	CH ₃	H	NH ₂
	amino acid	amino acid	CH ₃	H	NH-cyclopropyl
	amino acid	amino acid	CH ₃	H	NH-methyl
	amino acid	amino acid	CH ₃	H	NH-ethyl
	amino acid	amino acid	CH ₃	H	NH-acetyl
20	amino acid	amino acid	CH ₃	H	OH
	amino acid	amino acid	CH ₃	H	OMe
	amino acid	amino acid	CH ₃	H	OEt
	amino acid	amino acid	CH ₃	H	O-cyclopropyl
	amino acid	amino acid	CH ₃	H	O-acetyl
	amino acid	amino acid	CH ₃	H	SH
	amino acid	amino acid	CH ₃	H	SMe
25	amino acid	amino acid	CH ₃	H	SEt
	amino acid	amino acid	CH ₃	H	S-cyclopropyl
	amino acid	amino acid	CH ₃	H	F
	amino acid	amino acid	CH ₃	H	Cl
	amino acid	amino acid	CH ₃	H	Br
	amino acid	amino acid	CH ₃	H	I
30	amino acid	H	CH ₃	H	H
	amino acid	H	CH ₃	H	NH ₂
	amino acid	H	CH ₃	H	NH-cyclopropyl
	amino acid	H	CH ₃	H	NH-methyl
	amino acid	H	CH ₃	H	NH-ethyl
	amino acid	H	CH ₃	H	NH-acetyl
35	amino acid	H	CH ₃	H	OH
	amino acid	H	CH ₃	H	OMe
	amino acid	H	CH ₃	H	OEt
	amino acid	H	CH ₃	H	O-cyclopropyl
	amino acid	H	CH ₃	H	O-acetyl
	amino acid	H	CH ₃	H	SH
40	amino acid	H	CH ₃	H	SMe
	amino acid	H	CH ₃	H	SEt
	amino acid	H	CH ₃	H	S-cyclopropyl
	amino acid	H	CH ₃	H	F
	amino acid	H	CH ₃	H	Cl
	amino acid	H	CH ₃	H	Br
	amino acid	H	CH ₃	H	I
45	amino acid	acyl	CH ₃	H	H
	amino acid	acyl	CH ₃	H	NH ₂
	amino acid	acyl	CH ₃	H	NH-cyclopropyl
	amino acid	acyl	CH ₃	H	NH-methyl
	amino acid	acyl	CH ₃	H	NH-ethyl
	amino acid	acyl	CH ₃	H	NH-acetyl
50	amino acid	acyl	CH ₃	H	OH
	amino acid	acyl	CH ₃	H	OMe
	amino acid	acyl	CH ₃	H	OEt
	amino acid	acyl	CH ₃	H	O-cyclopropyl
	amino acid	acyl	CH ₃	H	O-acetyl
	amino acid	acyl	CH ₃	H	SH
55	amino acid	acyl	CH ₃	H	SMe
	amino acid	acyl	CH ₃	H	SEt
	amino acid	acyl	CH ₃	H	S-cyclopropyl
	amino acid	acyl	CH ₃	H	F
	amino acid	acyl	CH ₃	H	Cl
	amino acid	acyl	CH ₃	H	Br
	amino acid	acyl	CH ₃	H	I
60	acyl	H	CF ₃	H	H
	acyl	H	CF ₃	H	NH ₂
	acyl	H	CF ₃	H	NH-cyclopropyl
	acyl	H	CF ₃	H	NH-methyl
	acyl	H	CF ₃	H	NH-ethyl
	acyl	H	CF ₃	H	NH-acetyl
65	acyl	H	CF ₃	H	OH
	acyl	H	CF ₃	H	OMe

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TABLE 14-continued

R ²	R ³	X ¹	X ²	Y
acyl	H	CF ₃	H	OEt
acyl	H	CF ₃	H	O-cyclopropyl
acyl	H	CF ₃	H	O-acetyl
acyl	H	CF ₃	H	SH
acyl	H	CF ₃	H	SMe
acyl	H	CF ₃	H	SEt
acyl	H	CF ₃	H	S-cyclopropyl
acyl	H	CF ₃	H	F
acyl	H	CF ₃	H	Cl
acyl	H	CF ₃	H	Br
acyl	H	CF ₃	H	I
acyl	acyl	CF ₃	H	H
acyl	acyl	CF ₃	H	NH ₂
acyl	acyl	CF ₃	H	NH-cyclopropyl
acyl	acyl	CF ₃	H	NH-methyl
acyl	acyl	CF ₃	H	NH-ethyl
acyl	acyl	CF ₃	H	NH-acetyl
acyl	acyl	CF ₃	H	OH
acyl	acyl	CF ₃	H	OMe
acyl	acyl	CF ₃	H	OEt
acyl	acyl	CF ₃	H	O-cyclopropyl
acyl	acyl	CF ₃	H	O-acetyl
acyl	acyl	CF ₃	H	SH
acyl	acyl	CF ₃	H	SMe
acyl	acyl	CF ₃	H	SEt
acyl	acyl	CF ₃	H	S-cyclopropyl
acyl	acyl	CF ₃	H	F
acyl	acyl	CF ₃	H	Cl
acyl	acyl	CF ₃	H	Br
acyl	acyl	CF ₃	H	I
acyl	amino acid	CF ₃	H	H
acyl	amino acid	CF ₃	H	NH ₂
acyl	amino acid	CF ₃	H	NH-cyclopropyl
acyl	amino acid	CF ₃	H	NH-methyl
acyl	amino acid	CF ₃	H	NH-ethyl
acyl	amino acid	CF ₃	H	NH-acetyl
acyl	amino acid	CF ₃	H	OH
acyl	amino acid	CF ₃	H	OMe
acyl	amino acid	CF ₃	H	OEt
acyl	amino acid	CF ₃	H	O-cyclopropyl
acyl	amino acid	CF ₃	H	O-acetyl
acyl	amino acid	CF ₃	H	SH
acyl	amino acid	CF ₃	H	SMe
acyl	amino acid	CF ₃	H	SEt
acyl	amino acid	CF ₃	H	S-cyclopropyl
acyl	amino acid	CF ₃	H	F
acyl	amino acid	CF ₃	H	Cl
acyl	amino acid	CF ₃	H	Br
acyl	amino acid	CF ₃	H	I
H	acyl	CF ₃	H	H
H	acyl	CF ₃	H	NH ₂
H	acyl	CF ₃	H	NH-cyclopropyl
H	acyl	CF ₃	H	NH-methyl
H	acyl	CF ₃	H	NH-ethyl
H	acyl	CF ₃	H	NH-acetyl
H	acyl	CF ₃	H	OH
H	acyl	CF ₃	H	OMe
H	acyl	CF ₃	H	OEt
H	acyl	CF ₃	H	O-cyclopropyl
H	acyl	CF ₃	H	O-acetyl
H	acyl	CF ₃	H	SH
H	acyl	CF ₃	H	SMe
H	acyl	CF ₃	H	SEt
H	acyl	CF ₃	H	S-cyclopropyl
H	acyl	CF ₃	H	F
H	acyl	CF ₃	H	Cl
H	acyl	CF ₃	H	Br
H	acyl	CF ₃	H	I
H	amino acid	CF ₃	H	H
H	amino acid	CF ₃	H	NH ₂
H	amino acid	CF ₃	H	NH-cyclopropyl
H	amino acid	CF ₃	H	NH-methyl
H	amino acid	CF ₃	H	NH-ethyl
H	amino acid	CF ₃	H	NH-acetyl
H	amino acid	CF ₃	H	OH
H	amino acid	CF ₃	H	OMe
H	amino acid	CF ₃	H	OEt

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TABLE 14-continued

	R ²	R ³	X ¹	X ²	Y
5	H	amino acid	CF ₃	H	O-cyclopropyl
	H	amino acid	CF ₃	H	O-acetyl
	H	amino acid	CF ₃	H	SH
	H	amino acid	CF ₃	H	SMe
	H	amino acid	CF ₃	H	SEt
10	H	amino acid	CF ₃	H	S-cyclopropyl
	H	amino acid	CF ₃	H	F
	H	amino acid	CF ₃	H	Cl
	H	amino acid	CF ₃	H	Br
	H	amino acid	CF ₃	H	I
	amino acid	amino acid	CF ₃	H	H
	amino acid	amino acid	CF ₃	H	NH ₂
	amino acid	amino acid	CF ₃	H	NH-cyclopropyl
	amino acid	amino acid	CF ₃	H	NH-methyl
	amino acid	amino acid	CF ₃	H	NH-ethyl
15	amino acid	amino acid	CF ₃	H	NH-acetyl
	amino acid	amino acid	CF ₃	H	OH
	amino acid	amino acid	CF ₃	H	OMe
	amino acid	amino acid	CF ₃	H	OEt
	amino acid	amino acid	CF ₃	H	O-cyclopropyl
20	amino acid	amino acid	CF ₃	H	O-acetyl
	amino acid	amino acid	CF ₃	H	SH
	amino acid	amino acid	CF ₃	H	SMe
	amino acid	amino acid	CF ₃	H	SEt
	amino acid	amino acid	CF ₃	H	S-cyclopropyl
25	amino acid	amino acid	CF ₃	H	F
	amino acid	amino acid	CF ₃	H	Cl
	amino acid	amino acid	CF ₃	H	Br
	amino acid	amino acid	CF ₃	H	I
	amino acid	H	CF ₃	H	H
30	amino acid	H	CF ₃	H	NH ₂
	amino acid	H	CF ₃	H	NH-cyclopropyl
	amino acid	H	CF ₃	H	NH-methyl
	amino acid	H	CF ₃	H	NH-ethyl
	amino acid	H	CF ₃	H	NH-acetyl
35	amino acid	H	CF ₃	H	OH
	amino acid	H	CF ₃	H	OMe
	amino acid	H	CF ₃	H	SEt
	amino acid	H	CF ₃	H	O-cyclopropyl
	amino acid	H	CF ₃	H	O-acetyl
40	amino acid	H	CF ₃	H	SH
	amino acid	H	CF ₃	H	SMe
	amino acid	H	CF ₃	H	SEt
	amino acid	H	CF ₃	H	S-cyclopropyl
	amino acid	H	CF ₃	H	F
	amino acid	H	CF ₃	H	Cl
	amino acid	H	CF ₃	H	Br
	amino acid	H	CF ₃	H	I
	amino acid	acyl	CF ₃	H	H
	amino acid	acyl	CF ₃	H	NH ₂
45	amino acid	acyl	CF ₃	H	NH-cyclopropyl
	amino acid	acyl	CF ₃	H	NH-methyl
	amino acid	acyl	CF ₃	H	NH-ethyl
	amino acid	acyl	CF ₃	H	NH-acetyl
	amino acid	acyl	CF ₃	H	OH
50	amino acid	acyl	CF ₃	H	OMe
	amino acid	acyl	CF ₃	H	SEt
	amino acid	acyl	CF ₃	H	O-cyclopropyl
	amino acid	acyl	CF ₃	H	O-acetyl
	amino acid	acyl	CF ₃	H	SH
	amino acid	acyl	CF ₃	H	SMe
	amino acid	acyl	CF ₃	H	SEt
	amino acid	acyl	CF ₃	H	S-cyclopropyl
	amino acid	acyl	CF ₃	H	F
	amino acid	acyl	CF ₃	H	Cl
55	amino acid	acyl	CF ₃	H	Br
	amino acid	acyl	CF ₃	H	I
	acyl	H	Br	H	H
	acyl	H	Br	H	NH ₂
	acyl	H	Br	H	NH-cyclopropyl
60	acyl	H	Br	H	NH-methyl
	acyl	H	Br	H	NH-ethyl
	acyl	H	Br	H	NH-acetyl
	acyl	H	Br	H	OH
	acyl	H	Br	H	OMe
65	acyl	H	Br	H	SEt
	acyl	H	Br	H	O-cyclopropyl

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TABLE 14-continued

R ²	R ³	X ¹	X ²	Y
acyl	H	Br	H	O-acetyl
acyl	H	Br	H	SH
acyl	H	Br	H	SMe
acyl	H	Br	H	SEt
acyl	H	Br	H	S-cyclopropyl
acyl	H	Br	H	F
acyl	H	Br	H	Cl
acyl	H	Br	H	Br
acyl	H	Br	H	I
acyl	acyl	Br	H	H
acyl	acyl	Br	H	NH ₂
acyl	acyl	Br	H	NH-cyclopropyl
acyl	acyl	Br	H	NH-methyl
acyl	acyl	Br	H	NH-ethyl
acyl	acyl	Br	H	NH-acetyl
acyl	acyl	Br	H	OH
acyl	acyl	Br	H	OMe
acyl	acyl	Br	H	OEt
acyl	acyl	Br	H	O-cyclopropyl
acyl	acyl	Br	H	O-acetyl
acyl	acyl	Br	H	SH
acyl	acyl	Br	H	SMe
acyl	acyl	Br	H	SEt
acyl	acyl	Br	H	S-cyclopropyl
acyl	acyl	Br	H	F
acyl	acyl	Br	H	Cl
acyl	acyl	Br	H	Br
acyl	acyl	Br	H	I
acyl	amino acid	Br	H	H
acyl	amino acid	Br	H	NH ₂
acyl	amino acid	Br	H	NH-cyclopropyl
acyl	amino acid	Br	H	NH-methyl
acyl	amino acid	Br	H	NH-ethyl
acyl	amino acid	Br	H	NH-acetyl
acyl	amino acid	Br	H	OH
acyl	amino acid	Br	H	OMe
acyl	amino acid	Br	H	OEt
acyl	amino acid	Br	H	O-cyclopropyl
acyl	amino acid	Br	H	O-acetyl
acyl	amino acid	Br	H	SH
acyl	amino acid	Br	H	SMe
acyl	amino acid	Br	H	SEt
acyl	amino acid	Br	H	S-cyclopropyl
acyl	amino acid	Br	H	F
acyl	amino acid	Br	H	Cl
acyl	amino acid	Br	H	Br
acyl	amino acid	Br	H	I
H	acyl	Br	H	H
H	acyl	Br	H	NH ₂
H	acyl	Br	H	NH-cyclopropyl
H	acyl	Br	H	NH-methyl
H	acyl	Br	H	NH-ethyl
H	acyl	Br	H	NH-acetyl
H	acyl	Br	H	OH
H	acyl	Br	H	OMe
H	acyl	Br	H	OEt
H	acyl	Br	H	O-cyclopropyl
H	acyl	Br	H	O-acetyl
H	acyl	Br	H	SH
H	acyl	Br	H	SMe
H	acyl	Br	H	SEt
H	acyl	Br	H	S-cyclopropyl
H	acyl	Br	H	F
H	acyl	Br	H	Cl
H	acyl	Br	H	Br
H	acyl	Br	H	I
H	amino acid	Br	H	H
H	amino acid	Br	H	NH ₂
H	amino acid	Br	H	NH-cyclopropyl
H	amino acid	Br	H	NH-methyl
H	amino acid	Br	H	NH-ethyl
H	amino acid	Br	H	NH-acetyl
H	amino acid	Br	H	OH
H	amino acid	Br	H	OMe
H	amino acid	Br	H	OEt
H	amino acid	Br	H	O-cyclopropyl
H	amino acid	Br	H	O-acetyl

TABLE 14-continued

	R ²	R ³	X ¹	X ²	Y
5	H	amino acid	Br	H	SH
	H	amino acid	Br	H	SMe
	H	amino acid	Br	H	SEt
	H	amino acid	Br	H	S-cyclopropyl
	H	amino acid	Br	H	F
	H	amino acid	Br	H	Cl
10	H	amino acid	Br	H	Br
	H	amino acid	Br	H	I
	amino acid	amino acid	Br	H	H
	amino acid	amino acid	Br	H	NH ₂
	amino acid	amino acid	Br	H	NH-cyclopropyl
	amino acid	amino acid	Br	H	NH-methyl
15	amino acid	amino acid	Br	H	NH-ethyl
	amino acid	amino acid	Br	H	NH-acetyl
	amino acid	amino acid	Br	H	OH
	amino acid	amino acid	Br	H	OMe
	amino acid	amino acid	Br	H	OEt
	amino acid	amino acid	Br	H	O-cyclopropyl
	amino acid	amino acid	Br	H	O-acetyl
20	amino acid	amino acid	Br	H	SH
	amino acid	amino acid	Br	H	SMe
	amino acid	amino acid	Br	H	SEt
	amino acid	amino acid	Br	H	S-cyclopropyl
	amino acid	amino acid	Br	H	F
	amino acid	amino acid	Br	H	Cl
	amino acid	amino acid	Br	H	Br
	amino acid	amino acid	Br	H	I
25	amino acid	H	Br	H	H
	amino acid	H	Br	H	NH ₂
	amino acid	H	Br	H	NH-cyclopropyl
	amino acid	H	Br	H	NH-methyl
30	amino acid	H	Br	H	NH-ethyl
	amino acid	H	Br	H	NH-acetyl
	amino acid	H	Br	H	OH
	amino acid	H	Br	H	OMe
	amino acid	H	Br	H	OEt
	amino acid	H	Br	H	O-cyclopropyl
	amino acid	H	Br	H	O-acetyl
35	amino acid	H	Br	H	SH
	amino acid	H	Br	H	SMe
	amino acid	H	Br	H	SEt
	amino acid	H	Br	H	S-cyclopropyl
	amino acid	H	Br	H	F
	amino acid	H	Br	H	Cl
	amino acid	H	Br	H	Br
	amino acid	H	Br	H	I
	amino acid	acyl	Br	H	H
	amino acid	acyl	Br	H	NH ₂
	amino acid	acyl	Br	H	NH-cyclopropyl
	amino acid	acyl	Br	H	NH-methyl
45	amino acid	acyl	Br	H	NH-ethyl
	amino acid	acyl	Br	H	NH-acetyl
	amino acid	acyl	Br	H	OH
	amino acid	acyl	Br	H	OMe
	amino acid	acyl	Br	H	OEt
	amino acid	acyl	Br	H	O-cyclopropyl
	amino acid	acyl	Br	H	O-acetyl
	amino acid	acyl	Br	H	SH
	amino acid	acyl	Br	H	SMe
	amino acid	acyl	Br	H	SEt
	amino acid	acyl	Br	H	S-cyclopropyl
	amino acid	acyl	Br	H	F
	amino acid	acyl	Br	H	Cl
	amino acid	acyl	Br	H	Br
	amino acid	acyl	Br	H	I
	acyl	H	Cl	H	H
	acyl	H	Cl	H	NH ₂
	acyl	H	Cl	H	NH-cyclopropyl
	acyl	H	Cl	H	NH-methyl
	acyl	H	Cl	H	NH-ethyl
	acyl	H	Cl	H	NH-acetyl
	acyl	H	Cl	H	OH
	acyl	H	Cl	H	OMe
	acyl	H	Cl	H	OEt
	acyl	H	Cl	H	O-cyclopropyl
	acyl	H	Cl	H	O-acetyl
	acyl	H	Cl	H	SH

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TABLE 14-continued

R ²	R ³	X ¹	X ²	Y
acyl	H	Cl	H	SMe
acyl	H	Cl	H	SEt
acyl	H	Cl	H	S-cyclopropyl
acyl	H	Cl	H	F
acyl	H	Cl	H	Cl
acyl	H	Cl	H	Br
acyl	H	Cl	H	I
acyl	acyl	Cl	H	H
acyl	acyl	Cl	H	NH ₂
acyl	acyl	Cl	H	NH-cyclopropyl
acyl	acyl	Cl	H	NH-methyl
acyl	acyl	Cl	H	NH-ethyl
acyl	acyl	Cl	H	NH-acetyl
acyl	acyl	Cl	H	OH
acyl	acyl	Cl	H	OMe
acyl	acyl	Cl	H	OEt
acyl	acyl	Cl	H	O-cyclopropyl
acyl	acyl	Cl	H	O-acetyl
acyl	acyl	Cl	H	SH
acyl	acyl	Cl	H	SMe
acyl	acyl	Cl	H	SEt
acyl	acyl	Cl	H	S-cyclopropyl
acyl	acyl	Cl	H	F
acyl	acyl	Cl	H	Cl
acyl	acyl	Cl	H	Br
acyl	acyl	Cl	H	I
acyl	amino acid	Cl	H	H
acyl	amino acid	Cl	H	NH ₂
acyl	amino acid	Cl	H	NH-cyclopropyl
acyl	amino acid	Cl	H	NH-methyl
acyl	amino acid	Cl	H	NH-ethyl
acyl	amino acid	Cl	H	NH-acetyl
acyl	amino acid	Cl	H	OH
acyl	amino acid	Cl	H	OMe
acyl	amino acid	Cl	H	CEt
acyl	amino acid	Cl	H	O-cyclopropyl
acyl	amino acid	Cl	H	O-acetyl
acyl	amino acid	Cl	H	SH
acyl	amino acid	Cl	H	SMe
acyl	amino acid	Cl	H	SEt
acyl	amino acid	Cl	H	S-cyclopropyl
acyl	amino acid	Cl	H	F
acyl	amino acid	Cl	H	Cl
acyl	amino acid	Cl	H	Br
acyl	amino acid	Cl	H	I
H	acyl	Cl	H	H
H	acyl	Cl	H	NH ₂
H	acyl	Cl	H	NH-cyclopropyl
H	acyl	Cl	H	NH-methyl
H	acyl	Cl	H	NH-ethyl
H	acyl	Cl	H	NH-acetyl
H	acyl	Cl	H	OH
H	acyl	Cl	H	OMe
H	acyl	Cl	H	OEt
H	acyl	Cl	H	O-cyclopropyl
H	acyl	Cl	H	O-acetyl
H	acyl	Cl	H	SH
H	acyl	Cl	H	SMe
H	acyl	Cl	H	SEt
H	acyl	Cl	H	S-cyclopropyl
H	acyl	Cl	H	F
H	acyl	Cl	H	Cl
H	acyl	Cl	H	Br
H	acyl	Cl	H	I
H	acyl	Cl	H	H
H	amino acid	Cl	H	H
H	amino acid	Cl	H	NH ₂
H	amino acid	Cl	H	NH-cyclopropyl
H	amino acid	Cl	H	NH-methyl
H	amino acid	Cl	H	NH-ethyl
H	amino acid	Cl	H	NH-acetyl
H	amino acid	Cl	H	OH
H	amino acid	Cl	H	OMe
H	amino acid	Cl	H	OEt
H	amino acid	Cl	H	O-cyclopropyl
H	amino acid	Cl	H	O-acetyl
H	amino acid	Cl	H	SH
H	amino acid	Cl	H	SMe
H	amino acid	Cl	H	SEt
H	amino acid	Cl	H	S-cyclopropyl
H	amino acid	Cl	H	F
H	amino acid	Cl	H	Cl
H	amino acid	Cl	H	Br
H	amino acid	Cl	H	I
H	amino acid	Cl	H	H
H	amino acid	Cl	H	NH ₂
H	amino acid	Cl	H	NH-cyclopropyl
H	amino acid	Cl	H	NH-methyl
H	amino acid	Cl	H	NH-ethyl
H	amino acid	Cl	H	NH-acetyl
H	amino acid	Cl	H	OH
H	amino acid	Cl	H	OMe
H	amino acid	Cl	H	OEt
H	amino acid	Cl	H	O-cyclopropyl
H	amino acid	Cl	H	O-acetyl
H	amino acid	Cl	H	SH
H	amino acid	Cl	H	SMe
H	amino acid	Cl	H	SEt

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TABLE 14-continued

	R ²	R ³	X ¹	X ²	Y
5	H	amino acid	Cl	H	SEt
	H	amino acid	Cl	H	S-cyclopropyl
	H	amino acid	Cl	H	F
	H	amino acid	Cl	H	Cl
	H	amino acid	Cl	H	Br
	H	amino acid	Cl	H	I
10	amino acid	amino acid	Cl	H	H
	amino acid	amino acid	Cl	H	NH ₂
	amino acid	amino acid	Cl	H	NH-cyclopropyl
	amino acid	amino acid	Cl	H	NH-methyl
	amino acid	amino acid	Cl	H	NH-ethyl
	amino acid	amino acid	Cl	H	NH-acetyl
15	amino acid	amino acid	Cl	H	OH
	amino acid	amino acid	Cl	H	OMe
	amino acid	amino acid	Cl	H	OEt
	amino acid	amino acid	Cl	H	O-cyclopropyl
	amino acid	amino acid	Cl	H	O-acetyl
	amino acid	amino acid	Cl	H	SH
20	amino acid	amino acid	Cl	H	SMe
	amino acid	amino acid	Cl	H	SEt
	amino acid	amino acid	Cl	H	S-cyclopropyl
	amino acid	amino acid	Cl	H	F
	amino acid	amino acid	Cl	H	Cl
	amino acid	amino acid	Cl	H	Br
25	amino acid	amino acid	Cl	H	I
	amino acid	H	Cl	H	H
	amino acid	H	Cl	H	NH ₂
	amino acid	H	Cl	H	NH-cyclopropyl
	amino acid	H	Cl	H	NH-methyl
	amino acid	H	Cl	H	NH-ethyl
30	amino acid	H	Cl	H	NH-acetyl
	amino acid	H	Cl	H	OH
	amino acid	H	Cl	H	OMe
	amino acid	H	Cl	H	OEt
	amino acid	H	Cl	H	O-cyclopropyl
	amino acid	H	Cl	H	O-acetyl
35	amino acid	H	Cl	H	SH
	amino acid	H	Cl	H	SMe
	amino acid	H	Cl	H	SEt
	amino acid	H	Cl	H	S-cyclopropyl
	amino acid	H	Cl	H	F
	amino acid	H	Cl	H	Cl
40	amino acid	H	Cl	H	Br
	amino acid	H	Cl	H	I
	amino acid	acyl	Cl	H	H
	amino acid	acyl	Cl	H	NH ₂
	amino acid	acyl	Cl	H	NH-cyclopropyl
	amino acid	acyl	Cl	H	NH-methyl
45	amino acid	acyl	Cl	H	NH-ethyl
	amino acid	acyl	Cl	H	NH-acetyl
	amino acid	acyl	Cl	H	OH
	amino acid	acyl	Cl	H	OMe
	amino acid	acyl	Cl	H	OEt
	amino acid	acyl	Cl	H	O-cyclopropyl
50	amino acid	acyl	Cl	H	O-acetyl
	amino acid	acyl	Cl	H	SH
	amino acid	acyl	Cl	H	SMe
	amino acid	acyl	Cl	H	SEt
	amino acid	acyl	Cl	H	S-cyclopropyl
	amino acid	acyl	Cl	H	F
55	amino acid	acyl	Cl	H	Cl
	amino acid	acyl	Cl	H	Br
	amino acid	acyl	Cl	H	I
	acyl	H	F	H	H
	acyl	H	F	H	NH ₂
	acyl	H	F	H	NH-cyclopropyl
60	acyl	H	F	H	NH-methyl
	acyl	H	F	H	NH-ethyl
	acyl	H	F	H	NH-acetyl
	acyl	H	F	H	OH
	acyl	H	F	H	OMe
	acyl	H	F	H	SEt
65	acyl	H	F	H	O-cyclopropyl
	acyl	H	F	H	O-acetyl
	acyl	H	F	H	SH
	acyl	H	F	H	SMe
	acyl	H	F	H	SEt

TABLE 14-continued

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TABLE 14-continued

R ²	R ³	X ¹	X ²	Y
acyl	H	NH ₂	H	Cl
acyl	H	NH ₂	H	Br
acyl	H	NH ₂	H	I
acyl	acyl	NH ₂	H	H
acyl	acyl	NH ₂	H	NH ₂
acyl	acyl	NH ₂	H	NH-cyclopropyl
acyl	acyl	NH ₂	H	NH-methyl
acyl	acyl	NH ₂	H	NH-ethyl
acyl	acyl	NH ₂	H	NH-acetyl
acyl	acyl	NH ₂	H	OH
acyl	acyl	NH ₂	H	OMe
acyl	acyl	NH ₂	H	OEt
acyl	acyl	NH ₂	H	O-cyclopropyl
acyl	acyl	NH ₂	H	O-acetyl
acyl	acyl	NH ₂	H	SH
acyl	acyl	NH ₂	H	SMe
acyl	acyl	NH ₂	H	SEt
acyl	acyl	NH ₂	H	S-cyclopropyl
acyl	acyl	NH ₂	H	F
acyl	acyl	NH ₂	H	Cl
acyl	acyl	NH ₂	H	Br
acyl	acyl	NH ₂	H	I
acyl	acyl	NH ₂	H	H
acyl	amino acid	NH ₂	H	H
acyl	amino acid	NH ₂	H	NH ₂
acyl	amino acid	NH ₂	H	NH-cyclopropyl
acyl	amino acid	NH ₂	H	NH-methyl
acyl	amino acid	NH ₂	H	NH-ethyl
acyl	amino acid	NH ₂	H	NH-acetyl
acyl	amino acid	NH ₂	H	OH
acyl	amino acid	NH ₂	H	OMe
acyl	amino acid	NH ₂	H	OEt
acyl	amino acid	NH ₂	H	O-cyclopropyl
acyl	amino acid	NH ₂	H	O-acetyl
acyl	amino acid	NH ₂	H	SH
acyl	amino acid	NH ₂	H	SMe
acyl	amino acid	NH ₂	H	SEt
acyl	amino acid	NH ₂	H	S-cyclopropyl
acyl	amino acid	NH ₂	H	F
acyl	amino acid	NH ₂	H	Cl
acyl	amino acid	NH ₂	H	Br
acyl	amino acid	NH ₂	H	I
H	acyl	NH ₂	H	H
H	acyl	NH ₂	H	NH ₂
H	acyl	NH ₂	H	NH-cyclopropyl
H	acyl	NH ₂	H	NH-methyl
H	acyl	NH ₂	H	NH-ethyl
H	acyl	NH ₂	H	NH-acetyl
H	acyl	NH ₂	H	OH
H	acyl	NH ₂	H	OMe
H	acyl	NH ₂	H	OEt
H	acyl	NH ₂	H	O-cyclopropyl
H	acyl	NH ₂	H	O-acetyl
H	acyl	NH ₂	H	SH
H	acyl	NH ₂	H	SMe
H	acyl	NH ₂	H	SEt
H	acyl	NH ₂	H	S-cyclopropyl
H	acyl	NH ₂	H	F
H	acyl	NH ₂	H	Cl
H	acyl	NH ₂	H	Br
H	acyl	NH ₂	H	I
H	acyl	NH ₂	H	H
H	amino acid	NH ₂	H	H
H	amino acid	NH ₂	H	NH ₂
H	amino acid	NH ₂	H	NH-cyclopropyl
H	amino acid	NH ₂	H	NH-methyl
H	amino acid	NH ₂	H	NH-ethyl
H	amino acid	NH ₂	H	NH-acetyl
H	amino acid	NH ₂	H	OH
H	amino acid	NH ₂	H	OMe
H	amino acid	NH ₂	H	OEt
H	amino acid	NH ₂	H	O-cyclopropyl
H	amino acid	NH ₂	H	O-acetyl
H	amino acid	NH ₂	H	SH
H	amino acid	NH ₂	H	SMe
H	amino acid	NH ₂	H	SEt
H	amino acid	NH ₂	H	S-cyclopropyl
H	amino acid	NH ₂	H	F
H	amino acid	NH ₂	H	Cl
H	amino acid	NH ₂	H	Br
H	amino acid	NH ₂	H	I

TABLE 14-continued

R ²	R ³	X ¹	X ²	Y
5	H	amino acid	NH ₂	H
	H	amino acid	NH ₂	H
	amino acid	amino acid	NH ₂	H
	amino acid	amino acid	NH ₂	H
	amino acid	amino acid	NH ₂	H
	amino acid	amino acid	NH ₂	H
10	amino acid	amino acid	NH ₂	H
	amino acid	amino acid	NH ₂	H
	amino acid	amino acid	NH ₂	H
	amino acid	amino acid	NH ₂	H
	amino acid	amino acid	NH ₂	H
	amino acid	amino acid	NH ₂	H
	amino acid	amino acid	NH ₂	H
	amino acid	amino acid	NH ₂	H
	amino acid	amino acid	NH ₂	H
	amino acid	amino acid	NH ₂	H
15	amino acid	amino acid	NH ₂	H
	amino acid	amino acid	NH ₂	H
	amino acid	amino acid	NH ₂	H
	amino acid	amino acid	NH ₂	H
	amino acid	amino acid	NH ₂	H
	amino acid	amino acid	NH ₂	H
	amino acid	amino acid	NH ₂	H
	amino acid	amino acid	NH ₂	H
	amino acid	amino acid	NH ₂	H
20	amino acid	amino acid	NH ₂	H
	amino acid	amino acid	NH ₂	H
	amino acid	amino acid	NH ₂	H
	amino acid	amino acid	NH ₂	H
	amino acid	amino acid	NH ₂	H
	amino acid	amino acid	NH ₂	H
	amino acid	amino acid	NH ₂	H
	amino acid	amino acid	NH ₂	H
	amino acid	amino acid	NH ₂	H
	amino acid	amino acid	NH ₂	H
25	amino acid	amino acid	NH ₂	H
	amino acid	amino acid	NH ₂	H
	amino acid	amino acid	NH ₂	H
	amino acid	amino acid	NH ₂	H
	amino acid	amino acid	NH ₂	H
	amino acid	amino acid	NH ₂	H
	amino acid	amino acid	NH ₂	H
	amino acid	amino acid	NH ₂	H
	amino acid	amino acid	NH ₂	H
	amino acid	amino acid	NH ₂	H
30	amino acid	amino acid	NH ₂	H
	amino acid	amino acid	NH ₂	H
	amino acid	amino acid	NH ₂	H
	amino acid	amino acid	NH ₂	H
	amino acid	amino acid	NH ₂	H
	amino acid	amino acid	NH ₂	H
	amino acid	amino acid	NH ₂	H
	amino acid	amino acid	NH ₂	H
	amino acid	amino acid	NH ₂	H
	amino acid	amino acid	NH ₂	H
35	amino acid	amino acid	NH ₂	H
	amino acid	amino acid	NH ₂	H
	amino acid	amino acid	NH ₂	H
	amino acid	amino acid	NH ₂	H
	amino acid	amino acid	NH ₂	H
	amino acid	amino acid	NH ₂	H
	amino acid	amino acid	NH ₂	H
	amino acid	amino acid	NH ₂	H
	amino acid	amino acid	NH ₂	H
	amino acid	amino acid	NH ₂	H
40	amino acid	acyl	NH ₂	H
	amino acid	acyl	NH ₂	H
	amino acid	acyl	NH ₂	H
	amino acid	acyl	NH ₂	H
	amino acid	acyl	NH ₂	H
	amino acid	acyl	NH ₂	H
	amino acid	acyl	NH ₂	H
	amino acid	acyl	NH ₂	H
	amino acid	acyl	NH ₂	H
	amino acid	acyl	NH ₂	H
45	amino acid	acyl	NH ₂	H
	amino acid	acyl	NH ₂	H
	amino acid	acyl	NH ₂	H
	amino acid	acyl	NH ₂	H
	amino acid	acyl	NH ₂	H
	amino acid	acyl	NH ₂	H
	amino acid	acyl	NH ₂	H
	amino acid	acyl	NH ₂	H
	amino acid	acyl	NH ₂	H
	amino acid	acyl	NH ₂	H
50	amino acid	acyl	NH ₂	H
	amino acid	acyl	NH ₂	H
	amino acid	acyl	NH ₂	H
	amino acid	acyl	NH ₂	H
	acyl	H	SH	H
	acyl	H	SH	H
	acyl	H	SH	H
	acyl	H	SH	H
	acyl	H	SH	H
	acyl	H	SH	H
	acyl	H	SH	H
	acyl	H	SH	H
	acyl	H	SH	H
55	acyl	H	SH	H
	acyl	H	SH	H
	acyl	H	SH	H
	acyl	H	SH	H
	acyl	H	SH	H
	acyl	H	SH	H
	acyl	H	SH	H
	acyl	H	SH	H
	acyl	H	SH	H
	acyl	H	SH	H
60	acyl	H	SH	H
	acyl	H	SH	H
	acyl	H	SH	H
	acyl	H	SH	H
	acyl	H	SH	H
	acyl	H	SH	H
	acyl	H	SH	H
	acyl	H	SH	H
	acyl	H	SH	H
	acyl	H	SH	H
65	acyl	H	SH	H
	acyl	H	SH	H
	acyl	H	SH	H
	acyl	H	SH	H
	acyl	H	SH	H
	acyl	H	SH	H
	acyl	H	SH	H
	acyl	H	SH	H
	acyl	H	SH	H
	acyl	H	SH	H

1403

1404

TABLE 14-continued

R ²	R ³	X ¹	X ²	Y
acyl	H	SH	H	I
acyl	acyl	SH	H	H
acyl	acyl	SH	H	NH ₂
acyl	acyl	SH	H	NH-cyclopropyl
acyl	acyl	SH	H	NH-methyl
acyl	acyl	SH	H	NH-ethyl
acyl	acyl	SH	H	NH-acetyl
acyl	acyl	SH	H	OH
acyl	acyl	SH	H	OMe
acyl	acyl	SH	H	OEt
acyl	acyl	SH	H	O-cyclopropyl
acyl	acyl	SH	H	O-acetyl
acyl	acyl	SH	H	SH
acyl	acyl	SH	H	SMe
acyl	acyl	SH	H	SEt
acyl	acyl	SH	H	S-cyclopropyl
acyl	acyl	SH	H	F
acyl	acyl	SH	H	Cl
acyl	acyl	SH	H	Br
acyl	acyl	SH	H	I
acyl	amino acid	SH	H	H
acyl	amino acid	SH	H	NH ₂
acyl	amino acid	SH	H	NH-cyclopropyl
acyl	amino acid	SH	H	NH-methyl
acyl	amino acid	SH	H	NH-ethyl
acyl	amino acid	SH	H	NH-acetyl
acyl	amino acid	SH	H	OH
acyl	amino acid	SH	H	OMe
acyl	amino acid	SH	H	OEt
acyl	amino acid	SH	H	O-cyclopropyl
acyl	amino acid	SH	H	O-acetyl
acyl	amino acid	SH	H	SH
acyl	amino acid	SH	H	SMe
acyl	amino acid	SH	H	SEt
acyl	amino acid	SH	H	S-cyclopropyl
acyl	amino acid	SH	H	F
acyl	amino acid	SH	H	Cl
acyl	amino acid	SH	H	Br
acyl	amino acid	SH	H	I
H	acyl	SH	H	H
H	acyl	SH	H	NH ₂
H	acyl	SH	H	NH-cyclopropyl
H	acyl	SH	H	NH-methyl
H	acyl	SH	H	NH-ethyl
H	acyl	SH	H	NH-acetyl
H	acyl	SH	H	OH
H	acyl	SH	H	OMe
H	acyl	SH	H	SEt
H	acyl	SH	H	O-cyclopropyl
H	acyl	SH	H	O-acetyl
H	acyl	SH	H	SH
H	acyl	SH	H	SMe
H	acyl	SH	H	SEt
H	acyl	SH	H	S-cyclopropyl
H	acyl	SH	H	F
H	acyl	SH	H	Cl
H	acyl	SH	H	Br
H	acyl	SH	H	I
H	amino acid	SH	H	H
H	amino acid	SH	H	NH ₂
H	amino acid	SH	H	NH-cyclopropyl
H	amino acid	SH	H	NH-methyl
H	amino acid	SH	H	NH-ethyl
H	amino acid	SH	H	NH-acetyl
H	amino acid	SH	H	OH
H	amino acid	SH	H	OMe
H	amino acid	SH	H	SEt
H	amino acid	SH	H	O-cyclopropyl
H	amino acid	SH	H	O-acetyl
H	amino acid	SH	H	SH
H	amino acid	SH	H	SMe
H	amino acid	SH	H	SEt
H	amino acid	SH	H	S-cyclopropyl
H	amino acid	SH	H	F
H	amino acid	SH	H	Cl
H	amino acid	SH	H	Br
H	amino acid	SH	H	I

TABLE 14-continued

	R ²	R ³	X ¹	X ²	Y
5	amino acid	amino acid	SH	H	H
	amino acid	amino acid	SH	H	NH ₂
	amino acid	amino acid	SH	H	NH-cyclopropyl
	amino acid	amino acid	SH	H	NH-methyl
	amino acid	amino acid	SH	H	NH-ethyl
	amino acid	amino acid	SH	H	NH-acetyl
10	amino acid	amino acid	SH	H	OH
	amino acid	amino acid	SH	H	OMe
	amino acid	amino acid	SH	H	SEt
	amino acid	amino acid	SH	H	O-cyclopropyl
	amino acid	amino acid	SH	H	O-acetyl
	amino acid	amino acid	SB	H	SH
15	amino acid	amino acid	SH	H	SMe
	amino acid	amino acid	SH	H	SEt
	amino acid	amino acid	SH	H	S-cyclopropyl
	amino acid	amino acid	SH	H	F
	amino acid	amino acid	SH	H	Cl
	amino acid	amino acid	SH	H	Br
20	amino acid	amino acid	SH	H	I
	amino acid	H	SH	H	H
	amino acid	H	SH	H	NH ₂
	amino acid	H	SH	H	NH-cyclopropyl
	amino acid	H	SH	H	NH-methyl
	amino acid	H	SH	H	NH-ethyl
	amino acid	H	SH	H	NH-acetyl
25	amino acid	H	SH	H	OH
	amino acid	H	SH	H	OMe
	amino acid	H	SH	H	OEt
	amino acid	H	SH	H	O-cyclopropyl
	amino acid	H	SH	H	O-acetyl
	amino acid	H	SH	H	SH
30	amino acid	H	SH	H	SMe
	amino acid	H	SH	H	SEt
	amino acid	H	SH	H	S-cyclopropyl
	amino acid	H	SH	H	F
	amino acid	H	SH	H	Cl
	amino acid	H	SH	H	Br
35	amino acid	H	SH	H	I
	amino acid	acyl	SH	H	H
	amino acid	acyl	SH	H	NH ₂
	amino acid	acyl	SH	H	NH-cyclopropyl
	amino acid	acyl	SH	H	NH-methyl
	amino acid	acyl	SH	H	NH-ethyl
	amino acid	acyl	SH	H	NH-acetyl
40	amino acid	acyl	SH	H	OH
	amino acid	acyl	SH	H	OMe
	amino acid	acyl	SH	H	OEt
	amino acid	acyl	SH	H	O-cyclopropyl
	amino acid	acyl	SH	H	O-acetyl
	amino acid	acyl	SH	H	SH
45	amino acid	acyl	SH	H	SMe
	amino acid	acyl	SH	H	SEt
	amino acid	acyl	SH	H	S-cyclopropyl
	amino acid	acyl	SH	H	F
	amino acid	acyl	SH	H	Cl
	amino acid	acyl	SH	H	Br
50	amino acid	acyl	SH	H	I
	acyl	H	OH	H	H
	acyl	H	OH	H	NH ₂
	acyl	H	OH	H	NH-cyclopropyl
	acyl	H	OH	H	NH-methyl
	acyl	H	OH	H	NH-ethyl
55	acyl	H	OH	H	NH-acetyl
	acyl	H	OH	H	OH
	acyl	H	OH	H	OMe
	acyl	H	OH	H	OEt
	acyl	H	OH	H	O-cyclopropyl
	acyl	H	OH	H	O-acetyl
	acyl	H	OH	H	SH
60	acyl	H	OH	H	SMe
	acyl	H	OH	H	SEt
	acyl	H	OH	H	S-cyclopropyl
	acyl	H	OH	H	F
	acyl	H	OH	H	Cl
	acyl	H	OH	H	Br
65	acyl	H	OH	H	I
	acyl	acyl	OH	H	H

1405

TABLE 14-continued

R ²	R ³	X ¹	X ²	Y
acyl	acyl	OH	H	NH ₂
acyl	acyl	OH	H	NH-cyclopropyl
acyl	acyl	OH	H	NH-methyl
acyl	acyl	OH	H	NH-ethyl
acyl	acyl	OH	H	NH-acetyl
acyl	acyl	OH	H	OH
acyl	acyl	OH	H	OMe
acyl	acyl	OH	H	OEt
acyl	acyl	OH	H	O-cyclopropyl
acyl	acyl	OH	H	O-acetyl
acyl	acyl	OH	H	SH
acyl	acyl	OH	H	SMe
acyl	acyl	OH	H	SEt
acyl	acyl	OH	H	S-cyclopropyl
acyl	acyl	OH	H	F
acyl	acyl	OH	H	Cl
acyl	acyl	OH	H	Br
acyl	acyl	OH	H	I
acyl	amino acid	OH	H	H
acyl	amino acid	OH	H	NH ₂
acyl	amino acid	OH	H	NH-cyclopropyl
acyl	amino acid	OH	H	NH-methyl
acyl	amino acid	OH	H	NH-ethyl
acyl	amino acid	OH	H	NH-acetyl
acyl	amino acid	OH	H	OH
acyl	amino acid	OH	H	OMe
acyl	amino acid	OH	H	OEt
acyl	amino acid	OH	H	O-cyclopropyl
acyl	amino acid	OH	H	O-acetyl
acyl	amino acid	OH	H	SH
acyl	amino acid	OH	H	SMe
acyl	amino acid	OH	H	SEt
acyl	amino acid	OH	H	S-cyclopropyl
acyl	amino acid	OH	H	F
acyl	amino acid	OH	H	Cl
acyl	amino acid	OH	H	Br
acyl	amino acid	OH	H	I
H	acyl	OH	H	H
H	acyl	OH	H	NH ₂
H	acyl	OH	H	NH-cyclopropyl
H	acyl	OH	H	NH-methyl
H	acyl	OH	H	NH-ethyl
H	acyl	OH	H	NH-acetyl
H	acyl	OH	H	OH
H	acyl	OH	H	OMe
H	acyl	OH	H	OEt
H	acyl	OH	H	O-cyclopropyl
H	acyl	OH	H	O-acetyl
H	acyl	OH	H	SH
H	acyl	OH	H	SMe
H	acyl	OH	H	SEt
H	acyl	OH	H	S-cyclopropyl
H	acyl	OH	H	F
H	acyl	OH	H	Cl
H	acyl	OH	H	Br
H	acyl	OH	H	I
H	amino acid	OH	H	H
H	amino acid	OH	H	NH ₂
H	amino acid	OH	H	NH-cyclopropyl
H	amino acid	OH	H	NH-methyl
H	amino acid	OH	H	NH-ethyl
H	amino acid	OH	H	NH-acetyl
H	amino acid	OH	H	OH
H	amino acid	OH	H	OMe
H	amino acid	OH	H	OEt
H	amino acid	OH	H	O-cyclopropyl
H	amino acid	OH	H	O-acetyl

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TABLE 14-continued

	R ²	R ³	X ¹	X ²	Y
5	H	amino acid	OH	H	SH
	H	amino acid	OH	H	SMe
	H	amino acid	OH	H	SEt
	H	amino acid	OH	H	S-cyclopropyl
	H	amino acid	OH	H	F
	H	amino acid	OH	H	Cl
10	H	amino acid	OH	H	Br
	H	amino acid	OH	H	I
	amino acid	amino acid	OH	H	H
	amino acid	amino acid	OH	H	NH ₂
	amino acid	amino acid	OH	H	NH-cyclopropyl
	amino acid	amino acid	OH	H	NH-methyl
15	amino acid	amino acid	OH	H	NH-ethyl
	amino acid	amino acid	OH	H	NH-acetyl
	amino acid	amino acid	OH	H	OH
	amino acid	amino acid	OH	H	OMe
	amino acid	amino acid	OH	H	OEt
	amino acid	amino acid	OH	H	O-cyclopropyl
20	amino acid	amino acid	OH	H	O-acetyl
	amino acid	amino acid	OH	H	SH
	amino acid	amino acid	OH	H	SMe
	amino acid	amino acid	OH	H	SEt
	amino acid	amino acid	OH	H	S-cyclopropyl
	amino acid	amino acid	OH	H	F
25	amino acid	amino acid	OH	H	Cl
	amino acid	amino acid	OH	H	Br
	amino acid	amino acid	OH	H	I
	amino acid	H	OH	H	H
	amino acid	H	OH	H	NH ₂
	amino acid	H	OH	H	NH-cyclopropyl
30	amino acid	H	OH	H	NH-methyl
	amino acid	H	OH	H	NH-ethyl
	amino acid	H	OH	H	NH-acetyl
	amino acid	H	OH	H	OH
	amino acid	H	OH	H	OMe
	amino acid	H	OH	H	OEt
35	amino acid	H	OH	H	O-cyclopropyl
	amino acid	H	OH	H	O-acetyl
	amino acid	H	OH	H	SH
	amino acid	H	OH	H	SMe
	amino acid	H	OH	H	SEt
	amino acid	H	OH	H	S-cyclopropyl
40	amino acid	H	OH	H	F
	amino acid	H	OH	H	Cl
	amino acid	H	OH	H	Br
	amino acid	H	OH	H	I
	amino acid	acyl	OH	H	H
	amino acid	acyl	OH	H	NH ₂
45	amino acid	acyl	OH	H	NH-cyclopropyl
	amino acid	acyl	OH	H	NH-methyl
	amino acid	acyl	OH	H	NH-ethyl
	amino acid	acyl	OH	H	NH-acetyl
	amino acid	acyl	OH	H	OH
	amino acid	acyl	OH	H	OMe
50	amino acid	acyl	OH	H	OEt
	amino acid	acyl	OH	H	O-cyclopropyl
	amino acid	acyl	OH	H	O-acetyl
	amino acid	acyl	OH	H	SH
	amino acid	acyl	OH	H	SMe
	amino acid	acyl	OH	H	SEt
55	amino acid	acyl	OH	H	S-cyclopropyl
	amino acid	acyl	OH	H	F
	amino acid	acyl	OH	H	Cl
	amino acid	acyl	OH	H	Br
	amino acid	acyl	OH	H	I

TABLE 15

R ²	R ³	R ⁶	X	Base
acyl	H	CH ₃	O	6-Methylthymine
acyl	H	CH ₃	O	6-Methyluracil

TABLE 15-continued

R ²	R ³	R ⁶	X	Base
acyl	H	CH ₃	O	8-Methylguanine
acyl	H	CH ₃	O	6-Methylcytosine
acyl	H	CH ₃	O	8-Methyladenine
acyl	H	CH ₃	O	8-Methylhypoxanthine
acyl	H	CH ₃	O	5-Fluoro-6-methylcytosine
acyl	H	CH ₃	O	5-Fluoro-6-methyluracil
acyl	H	CH ₃	O	2-Fluoro-8-methyladenine
acyl	H	CH ₃	O	2-Fluoro-8-methylhypoxanthine
acyl	H	CH ₃	O	2-amino-8-methyladenine
acyl	H	CH ₃	O	2-amino-8-methylhypoxanthine
acyl	H	CH ₃	O	2-N-acetyl-8-methylguanine
acyl	H	CH ₃	O	4-N-acetyl-8-methylcytosine
acyl	H	CH ₃	O	6-N-acetyl-8-methyladenine
acyl	H	CH ₃	O	4-N-acetyl-5-fluoro-8-methylcytosine
acyl	H	CH ₃	O	6-N-acetyl-2-fluoro-8-methyladenine
acyl	H	CH ₃	O	6-N-acetyl-2-amino-8-methyladenine
acyl	H	CH ₃	O	2-N-acetylamino-8-methyladenine
acyl	H	CH ₃	O	2-N-acetylamino-8-methylhypoxanthine
acyl	acyl	CH ₃	O	6-Methylthymine
acyl	acyl	CH ₃	O	6-Methyluracil
acyl	acyl	CH ₃	O	8-Methylguanine
acyl	acyl	CH ₃	O	6-Methylcytosine
acyl	acyl	CH ₃	O	8-Methyladenine
acyl	acyl	CH ₃	O	8-Methylhypoxanthine
acyl	acyl	CH ₃	O	5-Fluoro-6-methylcytosine
acyl	acyl	CH ₃	O	5-Fluoro-6-methyluracil
acyl	acyl	CH ₃	O	2-Fluoro-8-methyladenine
acyl	acyl	CH ₃	O	2-Fluoro-8-methylhypoxanthine
acyl	acyl	CH ₃	O	2-amino-8-methyladenine
acyl	acyl	CH ₃	O	2-amino-8-methylhypoxanthine
acyl	acyl	CH ₃	O	2-N-acetyl-8-methylguanine
acyl	acyl	CH ₃	O	4-N-acetyl-8-methylcytosine
acyl	acyl	CH ₃	O	6-N-acetyl-8-methyladenine
acyl	acyl	CH ₃	O	4-N-acetyl-5-fluoro-8-methylcytosine
acyl	acyl	CH ₃	O	6-N-acetyl-2-fluoro-8-methyladenine
acyl	acyl	CH ₃	O	6-N-acetyl-2-amino-8-methyladenine
acyl	acyl	CH ₃	O	2-N-acetylamino-8-methyladenine
acyl	acyl	CH ₃	O	2-N-acetylamino-8-methylhypoxanthine
acyl	amino acid	CH ₃	O	6-Methylthymine
acyl	amino acid	CH ₃	O	6-Methyluracil
acyl	amino acid	CH ₃	O	8-Methylguanine
acyl	amino acid	CH ₃	O	6-Methylcytosine
acyl	amino acid	CH ₃	O	8-Methyladenine
acyl	amino acid	CH ₃	O	8-Methylhypoxanthine
acyl	amino acid	CH ₃	O	5-Fluoro-6-methylcytosine
acyl	amino acid	CH ₃	O	5-Fluoro-6-methyluracil
acyl	amino acid	CH ₃	O	2-Fluoro-8-methyladenine
acyl	amino acid	CH ₃	O	2-Fluoro-8-methylhypoxanthine
acyl	amino acid	CH ₃	O	2-amino-8-methyladenine
acyl	amino acid	CH ₃	O	2-amino-8-methylhypoxanthine
acyl	amino acid	CH ₃	O	2-N-acetyl-8-methylguanine
acyl	amino acid	CH ₃	O	4-N-acetyl-8-methylcytosine
acyl	amino acid	CH ₃	O	6-N-acetyl-8-methyladenine
acyl	amino acid	CH ₃	O	4-N-acetyl-5-fluoro-8-methylcytosine
acyl	amino acid	CH ₃	O	6-N-acetyl-2-fluoro-8-methyladenine
acyl	amino acid	CH ₃	O	6-N-acetyl-2-amino-8-methyladenine
acyl	amino acid	CH ₃	O	2-N-acetylamino-8-methyladenine
acyl	amino acid	CH ₃	O	2-N-acetylamino-8-methylhypoxanthine
H	acyl	CH ₃	O	6-Methylthymine
H	acyl	CH ₃	O	6-Methyluracil
H	acyl	CH ₃	O	8-Methylguanine
H	acyl	CH ₃	O	6-Methylcytosine
H	acyl	CH ₃	O	8-Methyladenine
H	acyl	CH ₃	O	8-Methylhypoxanthine
H	acyl	CH ₃	O	5-Fluoro-6-methylcytosine
H	acyl	CH ₃	O	5-Fluoro-6-methyluracil
H	acyl	CH ₃	O	2-Fluoro-8-methyladenine
H	acyl	CH ₃	O	2-Fluoro-8-methylhypoxanthine
H	acyl	CH ₃	O	2-amino-8-methyladenine
H	acyl	CH ₃	O	2-amino-8-methylhypoxanthine
H	acyl	CH ₃	O	2-N-acetyl-8-methylguanine
H	acyl	CH ₃	O	4-N-acetyl-8-methylcytosine
H	acyl	CH ₃	O	6-N-acetyl-8-methyladenine
H	acyl	CH ₃	O	4-N-acetyl-5-fluoro-8-methylcytosine
H	acyl	CH ₃	O	6-N-acetyl-2-fluoro-8-methyladenine
H	acyl	CH ₃	O	6-N-acetyl-2-amino-8-methyladenine
H	acyl	CH ₃	O	2-N-acetylamino-8-methyladenine
H	acyl	CH ₃	O	2-N-acetylamino-8-methylhypoxanthine

TABLE 15-continued

R ²	R ³	R ⁶	X	Base
H	acyl	CH ₃	O	2-N-acetylamino-8-methylhypoxanthine
H	amino acid	CH ₃	O	6-Methylthymine
H	amino acid	CH ₃	O	6-Methyluracil
H	amino acid	CH ₃	O	8-Methylguanine
H	amino acid	CH ₃	O	6-Methylcytosine
H	amino acid	CH ₃	O	8-Methyladenine
H	amino acid	CH ₃	O	8-Methylhypoxanthine
H	amino acid	CH ₃	O	5-Fluoro-6-methylcytosine
H	amino acid	CH ₃	O	5-Fluoro-6-methyluracil
H	amino acid	CH ₃	O	2-Fluoro-8-methyladenine
H	amino acid	CH ₃	O	2-Fluoro-8-methylhypoxanthine
H	amino acid	CH ₃	O	2-amino-8-methyladenine
H	amino acid	CH ₃	O	2-amino-8-methylhypoxanthine
H	amino acid	CH ₃	O	2-N-acetyl-8-methylguanine
H	amino acid	CH ₃	O	4-N-acetyl-8-methylcytosine
H	amino acid	CH ₃	O	6-N-acetyl-8-methyladenine
H	amino acid	CH ₃	O	4-N-acetyl-5-fluoro-8-methylcytosine
H	amino acid	CH ₃	O	6-N-acetyl-2-fluoro-8-methyladenine
H	amino acid	CH ₃	O	6-N-acetyl-2-amino-8-methyladenine
H	amino acid	CH ₃	O	2-N-acetylamino-8-methyladenine
H	amino acid	CH ₃	O	2-N-acetylamino-8-methylhypoxanthine
amino acid	amino acid	CH ₃	O	6-Methylthymine
amino acid	amino acid	CH ₃	O	6-Methyluracil
amino acid	amino acid	CH ₃	O	8-Methylguanine
amino acid	amino acid	CH ₃	O	6-Methylcytosine
amino acid	amino acid	CH ₃	O	8-Methyladenine
amino acid	amino acid	CH ₃	O	8-Methylhypoxanthine
amino acid	amino acid	CH ₃	O	5-Fluoro-6-methylcytosine
amino acid	amino acid	CH ₃	O	5-Fluoro-6-methyluracil
amino acid	amino acid	CH ₃	O	2-Fluoro-8-methyladenine
amino acid	amino acid	CH ₃	O	2-Fluoro-8-methylhypoxanthine
amino acid	amino acid	CH ₃	O	2-amino-8-methyladenine
amino acid	amino acid	CH ₃	O	2-amino-8-methylhypoxanthine
amino acid	amino acid	CH ₃	O	2-N-acetyl-8-methylguanine
amino acid	amino acid	CH ₃	O	4-N-acetyl-8-methylcytosine
amino acid	amino acid	CH ₃	O	6-N-acetyl-8-methyladenine
amino acid	amino acid	CH ₃	O	4-N-acetyl-5-fluoro-8-methylcytosine
amino acid	amino acid	CH ₃	O	6-N-acetyl-2-fluoro-8-methyladenine
amino acid	amino acid	CH ₃	O	6-N-acetyl-2-amino-8-methyladenine
amino acid	amino acid	CH ₃	O	2-N-acetylamino-8-methyladenine
amino acid	amino acid	CH ₃	O	2-N-acetylamino-8-methylhypoxanthine
amino acid	H	CH ₃	O	6-Methylthymine
amino acid	H	CH ₃	O	6-Methyluracil
amino acid	H	CH ₃	O	8-Methylguanine
amino acid	H	CH ₃	O	6-Methylcytosine
amino acid	H	CH ₃	O	8-Methyladenine
amino acid	H	CH ₃	O	8-Methylhypoxanthine
amino acid	H	CH ₃	O	5-Fluoro-6-methylcytosine
amino acid	H	CH ₃	O	5-Fluoro-6-methyluracil
amino acid	H	CH ₃	O	2-Fluoro-8-methyladenine
amino acid	H	CH ₃	O	2-Fluoro-8-methylhypoxanthine
amino acid	H	CH ₃	O	2-amino-8-methyladenine
amino acid	H	CH ₃	O	2-amino-8-methylhypoxanthine
amino acid	H	CH ₃	O	2-N-acetyl-8-methylguanine
amino acid	H	CH ₃	O	4-N-acetyl-8-methylcytosine
amino acid	H	CH ₃	O	6-N-acetyl-8-methyladenine
amino acid	H	CH ₃	O	4-N-acetyl-5-fluoro-8-methylcytosine
amino acid	H	CH ₃	O	6-N-acetyl-2-fluoro-8-methyladenine
amino acid	H	CH ₃	O	6-N-acetyl-2-amino-8-methyladenine
amino acid	H	CH ₃	O	2-N-acetylamino-8-methyladenine
amino acid	H	CH ₃	O	2-N-acetylamino-8-methylhypoxanthine
amino acid	acyl	CH ₃	O	6-Methylthymine
amino acid	acyl	CH ₃	O	6-Methyluracil
amino acid	acyl	CH ₃	O	8-Methylguanine
amino acid	acyl	CH ₃	O	6-Methylcytosine
amino acid	acyl	CH ₃	O	8-Methyladenine
amino acid	acyl	CH ₃	O	8-Methylhypoxanthine
amino acid	acyl	CH ₃	O	5-Fluoro-6-methylcytosine
amino acid	acyl	CH ₃	O	5-Fluoro-6-methyluracil
amino acid	acyl	CH ₃	O	2-Fluoro-8-methyladenine
amino acid	acyl	CH ₃	O	2-Fluoro-8-methylhypoxanthine
amino acid	acyl	CH ₃	O	2-amino-8-methyladenine
amino acid	acyl	CH ₃	O	2-amino-8-methylhypoxanthine
amino acid	acyl	CH ₃	O	2-N-acetyl-8-methylguanine
amino acid	acyl	CH ₃	O	4-N-acetyl-8-methylcytosine
amino acid	acyl	CH ₃	O	6-N-acetyl-8-methyladenine
amino acid	acyl	CH ₃	O	4-N-acetyl-5-fluoro-8-methylcytosine

TABLE 15-continued

R ²	R ³	R ⁶	X	Base
amino acid	acyl	CH ₃	O	6-N-acetyl-2-fluoro-8-methyladenine
amino acid	acyl	CH ₃	O	6-N-acetyl-2-amino-8-methyladenine
amino acid	acyl	CH ₃	O	2-N-acetylamino-8-methyladenine
amino acid	acyl	CH ₃	O	2-N-acetylamino-8-methylhypoxanthine
acyl	H	CF ₃	O	6-Methylthymine
acyl	H	CF ₃	O	6-Methyluracil
acyl	H	CF ₃	O	8-Methylguanine
acyl	H	CF ₃	O	6-Methylcytosine
acyl	H	CF ₃	O	8-Methyladenine
acyl	H	CF ₃	O	8-Methylhypoxanthine
acyl	H	CF ₃	O	5-Fluoro-6-methylcytosine
acyl	H	CF ₃	O	5-Fluoro-6-methyluracil
acyl	H	CF ₃	O	2-Fluoro-8-methyladenine
acyl	H	CF ₃	O	2-Fluoro-8-methylhypoxanthine
acyl	H	CF ₃	O	2-amino-8-methyladenine
acyl	H	CF ₃	O	2-amino-8-methylhypoxanthine
acyl	H	CF ₃	O	2-N-acetyl-8-methylguanine
acyl	H	CF ₃	O	4-N-acetyl-8-methylcytosine
acyl	H	CF ₃	O	6-N-acetyl-8-methyladenine
acyl	H	CF ₃	O	4-N-acetyl-5-fluoro-8-methylcytosine
acyl	H	CF ₃	O	6-N-acetyl-2-fluoro-8-methyladenine
acyl	H	CF ₃	O	6-N-acetyl-2-amino-8-methyladenine
acyl	H	CF ₃	O	2-N-acetylamino-8-methyladenine
acyl	H	CF ₃	O	2-N-acetylamino-8-methylhypoxanthine
acyl	acyl	CF ₃	O	6-Methylthymine
acyl	acyl	CF ₃	O	6-Methyluracil
acyl	acyl	CF ₃	O	8-Methylguanine
acyl	acyl	CF ₃	O	6-Methylcytosine
acyl	acyl	CF ₃	O	8-Methyladenine
acyl	acyl	CF ₃	O	8-Methylhypoxanthine
acyl	acyl	CF ₃	O	5-Fluoro-6-methylcytosine
acyl	acyl	CF ₃	O	5-Fluoro-6-methyluracil
acyl	acyl	CF ₃	O	2-Fluoro-8-methyladenine
acyl	acyl	CF ₃	O	2-Fluoro-8-methylhypoxanthine
acyl	acyl	CF ₃	O	2-amino-8-methyladenine
acyl	acyl	CF ₃	O	2-amino-8-methylhypoxanthine
acyl	acyl	CF ₃	O	2-N-acetyl-8-methylguanine
acyl	acyl	CF ₃	O	4-N-acetyl-8-methylcytosine
acyl	acyl	CF ₃	O	6-N-acetyl-8-methyladenine
acyl	acyl	CF ₃	O	4-N-acetyl-5-fluoro-8-methylcytosine
acyl	acyl	CF ₃	O	6-N-acetyl-2-fluoro-8-methyladenine
acyl	acyl	CF ₃	O	6-N-acetyl-2-amino-8-methyladenine
acyl	acyl	CF ₃	O	2-N-acetylamino-8-methyladenine
acyl	acyl	CF ₃	O	2-N-acetylamino-8-methylhypoxanthine
acyl	amino acid	CF ₃	O	6-Methylthymine
acyl	amino acid	CF ₃	O	6-Methyluracil
acyl	amino acid	CF ₃	O	8-Methylguanine
acyl	amino acid	CF ₃	O	6-Methylcytosine
acyl	amino acid	CF ₃	O	8-Methyladenine
acyl	amino acid	CF ₃	O	8-Methylhypoxanthine
acyl	amino acid	CF ₃	O	5-Fluoro-6-methylcytosine
acyl	amino acid	CF ₃	O	5-Fluoro-6-methyluracil
acyl	amino acid	CF ₃	O	2-Fluoro-8-methyladenine
acyl	amino acid	CF ₃	O	2-Fluoro-8-methylhypoxanthine
acyl	amino acid	CF ₃	O	2-amino-8-methyladenine
acyl	amino acid	CF ₃	O	2-amino-8-methylhypoxanthine
acyl	amino acid	CF ₃	O	2-N-acetyl-8-methylguanine
acyl	amino acid	CF ₃	O	4-N-acetyl-8-methylcytosine
acyl	amino acid	CF ₃	O	6-N-acetyl-8-methyladenine
acyl	amino acid	CF ₃	O	4-N-acetyl-5-fluoro-8-methylcytosine
acyl	amino acid	CF ₃	O	6-N-acetyl-2-fluoro-8-methyladenine
acyl	amino acid	CF ₃	O	6-N-acetyl-2-amino-8-methyladenine
acyl	amino acid	CF ₃	O	2-N-acetylamino-8-methyladenine
acyl	amino acid	CF ₃	O	2-N-acetylamino-8-methylhypoxanthine
H	acyl	CF ₃	O	6-Methylthymine
H	acyl	CF ₃	O	6-Methyluracil
H	acyl	CF ₃	O	8-Methylguanine
H	acyl	CF ₃	O	6-Methylcytosine
H	acyl	CF ₃	O	8-Methyladenine
H	acyl	CF ₃	O	8-Methylhypoxanthine
H	acyl	CF ₃	O	5-Fluoro-6-methylcytosine
H	acyl	CF ₃	O	5-Fluoro-6-methyluracil
H	acyl	CF ₃	O	2-Fluoro-8-methyladenine
H	acyl	CF ₃	O	2-Fluoro-8-methylhypoxanthine
H	acyl	CF ₃	O	2-amino-8-methyladenine
H	acyl	CF ₃	O	2-amino-8-methylhypoxanthine
H	acyl	CF ₃	O	2-N-acetyl-8-methylguanine

TABLE 15-continued

R ²	R ³	R ⁶	X	Base
H	acyl	CF ₃	O	4-N-acetyl-8-methylcytosine
H	acyl	CF ₃	O	6-N-acetyl-8-methyladenine
H	acyl	CF ₃	O	4-N-acetyl-5-fluoro-8-methylcytosine
H	acyl	CF ₃	O	6-N-acetyl-2-fluoro-8-methyladenine
H	acyl	CF ₃	O	6-N-acetyl-2-amino-8-methyladenine
H	acyl	CF ₃	O	2-N-acetylamino-8-methyladenine
H	acyl	CF ₃	O	2-N-acetylamino-8-methylhypoxanthine
H	amino acid	CF ₃	O	6-Methylthymine
H	amino acid	CF ₃	O	6-Methyluracil
H	amino acid	CF ₃	O	8-Methylguanine
H	amino acid	CF ₃	O	6-Methylcytosine
H	amino acid	CF ₃	O	8-Methyladenine
H	amino acid	CF ₃	O	8-Methylhypoxanthine
H	amino acid	CF ₃	O	5-Fluoro-6-methylcytosine
H	amino acid	CF ₃	O	5-Fluoro-6-methyluracil
H	amino acid	CF ₃	O	2-Fluoro-8-methyladenine
H	amino acid	CF ₃	O	2-Fluoro-8-methylhypoxanthine
H	amino acid	CF ₃	O	2-amino-8-methyladenine
H	amino acid	CF ₃	O	2-amino-8-methylhypoxanthine
H	amino acid	CF ₃	O	2-N-acetyl-8-methylguanine
H	amino acid	CF ₃	O	4-N-acetyl-8-methylcytosine
H	amino acid	CF ₃	O	6-N-acetyl-8-methyladenine
H	amino acid	CF ₃	O	4-N-acetyl-5-fluoro-8-methylcytosine
H	amino acid	CF ₃	O	6-N-acetyl-2-fluoro-8-methyladenine
H	amino acid	CF ₃	O	6-N-acetyl-2-amino-8-methyladenine
H	amino acid	CF ₃	O	2-N-acetylamino-8-methyladenine
H	amino acid	CF ₃	O	2-N-acetylamino-8-methylhypoxanthine
amino acid	amino acid	CF ₃	O	6-Methylthymine
amino acid	amino acid	CF ₃	O	6-Methyluracil
amino acid	amino acid	CF ₃	O	8-Methylguanine
amino acid	amino acid	CF ₃	O	6-Methylcytosine
amino acid	amino acid	CF ₃	O	8-Methyladenine
amino acid	amino acid	CF ₃	O	8-Methylhypoxanthine
amino acid	amino acid	CF ₃	O	5-Fluoro-6-methylcytosine
amino acid	amino acid	CF ₃	O	5-Fluoro-6-methyluracil
amino acid	amino acid	CF ₃	O	2-Fluoro-8-methyladenine
amino acid	amino acid	CF ₃	O	2-Fluoro-8-methylhypoxanthine
amino acid	amino acid	CF ₃	O	2-amino-8-methyladenine
amino acid	amino acid	CF ₃	O	2-amino-8-methylhypoxanthine
amino acid	amino acid	CF ₃	O	2-N-acetyl-8-methylguanine
amino acid	amino acid	CF ₃	O	4-N-acetyl-8-methylcytosine
amino acid	amino acid	CF ₃	O	6-N-acetyl-8-methyladenine
amino acid	amino acid	CF ₃	O	4-N-acetyl-5-fluoro-8-methylcytosine
amino acid	amino acid	CF ₃	O	6-N-acetyl-2-fluoro-8-methyladenine
amino acid	amino acid	CF ₃	O	6-N-acetyl-2-amino-8-methyladenine
amino acid	amino acid	CF ₃	O	2-N-acetylamino-8-methyladenine
amino acid	amino acid	CF ₃	O	2-N-acetylamino-8-methylhypoxanthine
amino acid	H	CF ₃	O	6-Methylthymine
amino acid	H	CF ₃	O	6-Methyluracil
amino acid	H	CF ₃	O	8-Methylguanine
amino acid	H	CF ₃	O	6-Methylcytosine
amino acid	H	CF ₃	O	8-Methyladenine
amino acid	H	CF ₃	O	8-Methylhypoxanthine
amino acid	H	CF ₃	O	5-Fluoro-6-methylcytosine
amino acid	H	CF ₃	O	5-Fluoro-6-methyluracil
amino acid	H	CF ₃	O	2-Fluoro-8-methyladenine
amino acid	H	CF ₃	O	2-Fluoro-8-methylhypoxanthine
amino acid	H	CF ₃	O	2-amino-8-methyladenine
amino acid	H	CF ₃	O	2-amino-8-methylhypoxanthine
amino acid	H	CF ₃	O	2-N-acetyl-8-methylguanine
amino acid	H	CF ₃	O	4-N-acetyl-8-methylcytosine
amino acid	H	CF ₃	O	6-N-acetyl-8-methyladenine
amino acid	H	CF ₃	O	4-N-acetyl-5-fluoro-8-methylcytosine
amino acid	H	CF ₃	O	6-N-acetyl-2-fluoro-8-methyladenine
amino acid	H	CF ₃	O	6-N-acetyl-2-amino-8-methyladenine
amino acid	H	CF ₃	O	2-N-acetylamino-8-methyladenine
amino acid	H	CF ₃	O	2-N-acetylamino-8-methylhypoxanthine
amino acid	acyl	CF ₃	O	6-Methylthymine
amino acid	acyl	CF ₃	O	6-Methyluracil
amino acid	acyl	CF ₃	O	8-Methylguanine
amino acid	acyl	CF ₃	O	6-Methylcytosine
amino acid	acyl	CF ₃	O	8-Methyladenine
amino acid	acyl	CF ₃	O	8-Methylhypoxanthine
amino acid	acyl	CF ₃	O	5-Fluoro-6-methylcytosine
amino acid	acyl	CF ₃	O	5-Fluoro-6-methyluracil
amino acid	acyl	CF ₃	O	2-Fluoro-8-methyladenine
amino acid	acyl	CF ₃	O	2-Fluoro-8-methylhypoxanthine

TABLE 15-continued

R ²	R ³	R ⁶	X	Base
amino acid	acyl	CF ₃	O	2-amino-8-methyladenine
amino acid	acyl	CF ₃	O	2-amino-8-methylhypoxanthine
amino acid	acyl	CF ₃	O	2-N-acetyl-8-methylguanine
amino acid	acyl	CF ₃	O	4-N-acetyl-8-methylcytosine
amino acid	acyl	CF ₃	O	6-N-acetyl-8-methyladenine
amino acid	acyl	CF ₃	O	4-N-acetyl-5-fluoro-8-methylcytosine
amino acid	acyl	CF ₃	O	6-N-acetyl-2-fluoro-8-methyladenine
amino acid	acyl	CF ₃	O	6-N-acetyl-2-amino-8-methyladenine
amino acid	acyl	CF ₃	O	2-N-acetylamino-8-methyladenine
amino acid	acyl	CF ₃	O	2-N-acetylamino-8-methylhypoxanthine
acyl	H	CH ₃	S	6-Methylthymine
acyl	H	CH ₃	S	6-Methyluracil
acyl	H	CH ₃	S	8-Methylguanine
acyl	H	CH ₃	S	6-Methylcytosine
acyl	H	CH ₃	S	8-Methyladenine
acyl	H	CH ₃	S	8-Methylhypoxanthine
acyl	H	CH ₃	S	5-Fluoro-6-methylcytosine
acyl	H	CH ₃	S	5-Fluoro-6-methyluracil
acyl	H	CH ₃	S	2-Fluoro-8-methyladenine
acyl	H	CH ₃	S	2-Fluoro-8-methylhypoxanthine
acyl	H	CH ₃	S	2-amino-8-methyladenine
acyl	H	CH ₃	S	2-amino-8-methylhypoxanthine
acyl	H	CH ₃	S	2-N-acetyl-8-methylguanine
acyl	H	CH ₃	S	4-N-acetyl-8-methylcytosine
acyl	H	CH ₃	S	6-N-acetyl-8-methyladenine
acyl	H	CH ₃	S	4-N-acetyl-5-fluoro-8-methylcytosine
acyl	H	CH ₃	S	6-N-acetyl-2-fluoro-8-methyladenine
acyl	H	CH ₃	S	6-N-acetyl-2-amino-8-methyladenine
acyl	H	CH ₃	S	2-N-acetylamino-8-methyladenine
acyl	H	CH ₃	S	2-N-acetylamino-8-methylhypoxanthine
acyl	acyl	CH ₃	S	6-Methylthymine
acyl	acyl	CH ₃	S	6-Methyluracil
acyl	acyl	CH ₃	S	8-Methylguanine
acyl	acyl	CH ₃	S	6-Methylcytosine
acyl	acyl	CH ₃	S	8-Methyladenine
acyl	acyl	CH ₃	S	8-Methylhypoxanthine
acyl	acyl	CH ₃	S	5-Fluoro-6-methylcytosine
acyl	acyl	CH ₃	S	5-Fluoro-6-methyluracil
acyl	acyl	CH ₃	S	2-Fluoro-8-methyladenine
acyl	acyl	CH ₃	S	2-Fluoro-8-methylhypoxanthine
acyl	acyl	CH ₃	S	2-amino-8-methyladenine
acyl	acyl	CH ₃	S	2-amino-8-methylhypoxanthine
acyl	acyl	CH ₃	S	2-N-acetyl-8-methylguanine
acyl	acyl	CH ₃	S	4-N-acetyl-8-methylcytosine
acyl	acyl	CH ₃	S	6-N-acetyl-8-methyladenine
acyl	acyl	CH ₃	S	4-N-acetyl-5-fluoro-8-methylcytosine
acyl	acyl	CH ₃	S	6-N-acetyl-2-fluoro-8-methyladenine
acyl	acyl	CH ₃	S	6-N-acetyl-2-amino-8-methyladenine
acyl	acyl	CH ₃	S	2-N-acetylamino-8-methyladenine
acyl	acyl	CH ₃	S	2-N-acetylamino-8-methylhypoxanthine
acyl	amino acid	CH ₃	S	6-Methylthymine
acyl	amino acid	CH ₃	S	6-Methyluracil
acyl	amino acid	CH ₃	S	8-Methylguanine
acyl	amino acid	CH ₃	S	6-Methylcytosine
acyl	amino acid	CH ₃	S	8-Methyladenine
acyl	amino acid	CH ₃	S	8-Methylhypoxanthine
acyl	amino acid	CH ₃	S	5-Fluoro-6-methylcytosine
acyl	amino acid	CH ₃	S	5-Fluoro-6-methyluracil
acyl	amino acid	CH ₃	S	2-Fluoro-8-methyladenine
acyl	amino acid	CH ₃	S	2-Fluoro-8-methylhypoxanthine
acyl	amino acid	CH ₃	S	2-amino-8-methyladenine
acyl	amino acid	CH ₃	S	2-amino-8-methylhypoxanthine
acyl	amino acid	CH ₃	S	2-N-acetyl-8-methylguanine
acyl	amino acid	CH ₃	S	4-N-acetyl-8-methylcytosine
acyl	amino acid	CH ₃	S	6-N-acetyl-8-methyladenine
acyl	amino acid	CH ₃	S	4-N-acetyl-5-fluoro-8-methylcytosine
acyl	amino acid	CH ₃	S	6-N-acetyl-2-fluoro-8-methyladenine
acyl	amino acid	CH ₃	S	6-N-acetyl-2-amino-8-methyladenine
acyl	amino acid	CH ₃	S	2-N-acetylamino-8-methyladenine
acyl	amino acid	CH ₃	S	2-N-acetylamino-8-methylhypoxanthine
H	acyl	CH ₃	S	6-Methylthymine
H	acyl	CH ₃	S	6-Methyluracil
H	acyl	CH ₃	S	8-Methylguanine
H	acyl	CH ₃	S	6-Methylcytosine
H	acyl	CH ₃	S	8-Methyladenine
H	acyl	CH ₃	S	8-Methylhypoxanthine
H	acyl	CH ₃	S	5-Fluoro-6-methylcytosine