

R ⁶	R ⁷	R ⁸	X	Base	R ¹⁰	R ⁹
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
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						

TABLE 24-continued

R ⁶	R ⁷	R ⁸	X	Base	R ¹⁰	R ⁹
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-acetyl-amino-8-methyladenine	Br	O-amino acid
CF ₃	OH	F	S	2-N-acetyl-amino-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-acetyl-amino-8-methyladenine	Br	O-acyl
CF ₃	OH	F	S	2-N-acetyl-amino-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
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

TABLE 24-continued

R ⁶	R ⁷	R ⁸	X	Base	R ¹⁰	R ⁹
CF ₃	OH	F	S	2-N-acetylamino-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-acetylamino-8-methyladenine	H	O-amino acid
CF ₃	OH	F	S	2-N-acetylamino-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-acetylamino-8-methyladenine	H	O-acyl
CF ₃	OH	F	S	2-N-acetylamino-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
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

TABLE 24-continued

R ⁶	R ⁷	R ⁸	X	Base	R ¹⁰	R ⁹
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-acetyl-amino-8-methyladenine	F	O-acyl
CF ₃	OH	Br	S	2-N-acetyl-amino-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-acetyl-amino-8-methyladenine	Br	O-amino acid
CF ₃	OH	Br	S	2-N-acetyl-amino-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-acetyl-amino-8-methyladenine	Br	O-acyl
CF ₃	OH	Br	S	2-N-acetyl-amino-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
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-acetyl-amino-8-methyladenine	Cl	O-amino acid
CF ₃	OH	Br	S	2-N-acetyl-amino-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

TABLE 24-continued

R ⁶	R ⁷	R ⁸	X	Base	R ¹⁰	R ⁹
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-acetyl-amino-8-methyladenine	Cl	O-acyl
CF ₃	OH	Br	S	2-N-acetyl-amino-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-acetyl-amino-8-methyladenine	H	O-amino acid
CF ₃	OH	Br	S	2-N-acetyl-amino-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
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

TABLE 24-continued

R ⁶	R ⁷	R ⁸	X	Base	R ¹⁰	R ⁹
CF ₃	OH	Cl	S	2-N-acetylamino-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-acetylamino-8-methyladenine	F	O-acyl
CF ₃	OH	Cl	S	2-N-acetylamino-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-acetylamino-8-methyladenine	Br	O-amino acid
CF ₃	OH	Cl	S	2-N-acetylamino-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
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

R ⁶	R ⁷	R ⁸	X	Base	R ¹⁰	R ⁹
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-methylthypoxanthine	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-Methylthypoxanthine	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-methylthypoxanthine	Cl	O-acyl
CF ₃	OH	Cl	S	2-Amino-8-methyladenine	Cl	O-acyl
CF ₃	OH	Cl	S	2-Amino-8-methylthypoxanthine	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-methylthypoxanthine	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-Methylthypoxanthine	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-methylthypoxanthine	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-methylthypoxanthine	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-methylthypoxanthine	H	O-amino acid
CF ₃	OH	Cl	S	6-Methylthymine	H	O-acyl
CF ₃	OH	Cl	S	6-Methyluracil	H	O-acyl
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-Methylthypoxanthine	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-methylthypoxanthine	H	O-acyl
CF ₃	OH	Cl	S	2-Amino-8-methyladenine	H	O-acyl
CF ₃	OH	Cl	S	2-Amino-8-methylthypoxanthine	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-m		

TABLE 24-continued

R ⁶	R ⁷	R ⁸	X	Base	R ¹⁰	R ⁹
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-acetyl-amino-8-methyladenine	F	O-amino acid
CF ₃	OH	H	S	2-N-acetyl-amino-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-acetyl-amino-8-methyladenine	F	O-acyl
CF ₃	OH	H	S	2-N-acetyl-amino-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
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-amino-8-methyladenine	Br	O-amino acid
CF ₃	OH	H	S	2-N-acetyl-amino-8-methylhypoxanthine	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-amino-8-methyladenine	Br	O-acyl

TABLE 24-continued

R ⁶	R ⁷	R ⁸	X	Base	R ¹⁰	R ⁹
CF ₃	OH	H	S	2-N-acetylamino-8-methylhypoxanthine	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-acetylamino-8-methyladenine	Cl	O-amino acid
CF ₃	OH	H	S	2-N-acetylamino-8-methylhypoxanthine	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-acetylamino-8-methyladenine	Cl	O-acyl
CF ₃	OH	H	S	2-N-acetylamino-8-methylhypoxanthine	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
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

TABLE 24-continued

R ⁶	R ⁷	R ⁸	X	Base	R ¹⁰	R ⁹
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
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

TABLE 24-continued

R ⁶	R ⁷	R ⁸	X	Base	R ¹⁰	R ⁹
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-acetyl-amino-8-methyladenine	Br	O-acyl
CF ₃	H	F	S	2-N-acetyl-amino-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-acetyl-amino-8-methyladenine	Cl	O-amino acid
CF ₃	H	F	S	2-N-acetyl-amino-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
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

TABLE 24-continued

R ⁶	R ⁷	R ⁸	X	Base	R ¹⁰	R ⁹
CF ₃	H	F	S	2-N-acetylamino-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-acetylamino-8-methyladenine	H	O-acyl
CF ₃	H	F	S	2-N-acetylamino-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-acetylamino-8-methyladenine	F	O-amino acid
CF ₃	H	Br	S	2-N-acetylamino-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
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

R ⁶	R ⁷	R ⁸	X	Base	R ¹⁰	R ⁹
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-methylthiopyranthine	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-Methylthiopyranthine	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-methylthiopyranthine	Br	O-acyl
CF ₃	H	Br	S	2-Amino-8-methyladenine	Br	O-acyl
CF ₃	H	Br	S	2-Amino-8-methylthiopyranthine	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-methylthiopyranthine	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-Methylthiopyranthine	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-methylthiopyranthine	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-methylthiopyranthine	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-methylthiopyranthine	Cl	O-amino acid
CF ₃	H	Br	S	6-Methylthymine	Cl	O-acyl
CF ₃	H	Br	S	6-Methyluracil	Cl	O-acyl
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-Methylthiopyranthine	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-methylthiopyranthine	Cl	O-acyl
CF ₃	H	Br	S	2-Amino-8-methyladenine	Cl	O-acyl
CF ₃	H	Br	S	2-Amino-8-methylthiopyranthine	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-acy

TABLE 24-continued

R ⁶	R ⁷	R ⁸	X	Base	R ¹⁰	R ⁹
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-acetyl-amino-8-methyladenine	H	O-amino acid
CF ₃	H	Br	S	2-N-acetyl-amino-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-acetyl-amino-8-methyladenine	H	O-acyl
CF ₃	H	Br	S	2-N-acetyl-amino-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
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

TABLE 24-continued

R ⁶	R ⁷	R ⁸	X	Base	R ¹⁰	R ⁹
CF ₃	H	Cl	S	2-N-acetylamino-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-acetylamino-8-methyladenine	Br	O-amino acid
CF ₃	H	Cl	S	2-N-acetylamino-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-acetylamino-8-methyladenine	Br	O-acyl
CF ₃	H	Cl	S	2-N-acetylamino-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
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

R ⁶	R ⁷	R ⁸	X	Base	R ¹⁰	R ⁹
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
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				

TABLE 24-continued

R ⁶	R ⁷	R ⁸	X	Base	R ¹⁰	R ⁹
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-acetyl-amino-8-methyladenine	F	O-acyl
CF ₃	H	H	S	2-N-acetyl-amino-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-acetyl-amino-8-methyladenine	Br	O-amino acid
CF ₃	H	H	S	2-N-acetyl-amino-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
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

TABLE 24-continued

R ⁶	R ⁷	R ⁸	X	Base	R ¹⁰	R ⁹
CF ₃	H	H	S	2-N-acetylamino-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-acetylamino-8-methyladenine	Cl	O-acyl
CF ₃	H	H	S	2-N-acetylamino-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-acetylamino-8-methyladenine	H	O-amino acid
CF ₃	H	H	S	2-N-acetylamino-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
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-methyladenine	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

R ⁶	R ⁷	R ⁸	X	Base	R ¹⁰	R ⁹
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-methylthiopyranthine	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-Methylthiopyranthine	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-methylthiopyranthine	F	O-acyl
CF ₃	H	OH	S	2-Amino-8-methyladenine	F	O-acyl
CF ₃	H	OH	S	2-Amino-8-methylthiopyranthine	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-methylthiopyranthine	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-Methylthiopyranthine	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-methylthiopyranthine	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-methylthiopyranthine	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-methylthiopyranthine	Br	O-amino acid
CF ₃	H	OH	S	6-Methylthymine	Br	O-acyl
CF ₃	H	OH	S	6-Methyluracil	Br	O-acyl
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-Methylthiopyranthine	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-methylthiopyranthine	Br	O-acyl
CF ₃	H	OH	S	2-Amino-8-methyladenine	Br	O-acyl
CF ₃	H	OH	S	2-Amino-8-methylthiopyranthine	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					

TABLE 24-continued

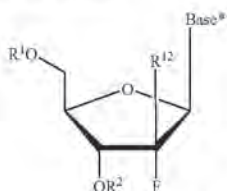
R ⁶	R ⁷	R ⁸	X	Base	R ¹⁰	R ⁹
CF ₃	H	OH	S	8-Methylhypoxanthine	Cl	O-amino acid
CF ₃	H	OH	S	5-Fluoro-6-Methyluracil	Cl	O-amino acid
CF ₃	H	OH	S	5-Fluoro-6-Methylcytosine	Cl	O-amino acid
CF ₃	H	OH	S	2-Fluoro-8-methyladenine	Cl	O-amino acid
CF ₃	H	OH	S	2-Fluoro-8-methylhypoxanthine	Cl	O-amino acid
CF ₃	H	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-acetyl-amino-8-methyladenine	Cl	O-amino acid
CF ₃	H	OH	S	2-N-acetyl-amino-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-acetyl-amino-8-methyladenine	Cl	O-acyl
CF ₃	H	OH	S	2-N-acetyl-amino-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
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

TABLE 24-continued

R ⁶	R ⁷	R ⁸	X	Base	R ¹⁰	R ⁹
CF ₃	H	OH	S	2-N-acetylamino-8-methylhypoxanthine	H	O-acyl

What is claimed is:

1. A method for the treatment of a host infected with a hepatitis C virus, comprising administering to the host infected with a hepatitis C virus an effective amount of a compound having the formula:



or a pharmaceutically acceptable salt thereof, wherein:

R¹ is H; mono-, di- or triphosphate; acyl; an amino acid ester; a carbohydrate; a peptide; or a pharmaceutically acceptable leaving group which when administered in vivo provides a compound wherein R¹ is H or phosphate; R² is H; acyl; an amino acid ester; a carbohydrate; a peptide; or a pharmaceutically acceptable leaving group which when administered in vivo provides a compound wherein R² is H;

Base* is selected from the group consisting of adenine, N⁶-alkylpurine, N⁶-acylpurine, N⁶-benzylpurine, N⁶-halopurine, N⁶-vinylpurine, N⁶-acetylenic purine, N⁶-acyl purine, N⁶-hydroxyalkyl purine, N⁶-alkylaminopurine, N⁶-thioalkyl purine, N²-alkylpurine, N²-alkyl-6-thiopurine, thymine, cytosine, 5-fluorocytosine, 5-methylcytosine, 6-azapyrimidine, 6-azacytosine, 2- and/or 4-mercaptopyrimidine, uracil, 5-halouracil, 5-fluorouracil, C⁵-alkylpyrimidine, C⁵-benzylpyrimidine, C⁵-halopyrimidine, C⁵-vinylpyrimidine, C⁵-acetylenic pyrimidine, C⁵-acyl pyrimidine, C⁵-hydroxyalkyl purine, C⁵-amidopyrimidine, C⁵-cyanopyrimidine, C⁵-iodopyrimidine, C⁶-iodo-pyrimidine, C⁵-Br-vinyl pyrimidine, C⁵-Br-vinyl pyrimidine, C⁵-nitropyrimidine, C⁶-amino-pyrimidine, N²-alkylpurine, N²-alkyl-6-thiopurine, 5-azacytidinyl, 5-azauracil, triazolopyridinyl, imidazolopyridinyl, pyrrolopyrimidinyl, pyrazolopyrimidinyl, guanine, hypoxanthine, 2,6-diaminopurine, and 6-chloropurine;

R¹² is C(Y³)₃; and

Y³ is independently H or F.

2. The method of claim 1, wherein R² is H.

3. The method of claim 1, wherein the compound or pharmaceutically acceptable salt thereof is in the form of a dosage unit.

4. The method of claim 3 wherein the dosage unit contains 50 to 1000 mg.

5. The method of claim 3 wherein the dosage unit is a tablet or capsule.

6. The method of claim 1, wherein the host is a human.

7. The method of claim 1, wherein the compound or pharmaceutically acceptable salt thereof is at least 85% by weight of the β-D-isomer.

8. The method of claim 1, wherein the compound or pharmaceutically acceptable salt thereof is at least 90% by weight of the β-D-isomer.

9. The method of claim 1, wherein the compound or pharmaceutically acceptable salt thereof is at least 95% by weight of the β-D-isomer.

10. The method of claim 1, wherein the compound is in the form of a pharmaceutically acceptable salt selected from the group consisting of a tosylate, methanesulfonate, acetate, citrate, malonate, tartarate, succinate, benzoate, ascorate, α-ketoglutarate, α-glycerophosphate, formate, fumarate, propionate, glycolate, lactate, pyruvate, oxalate, maleate, salicylate, sulfate, nitrate, hydrobromate, hydrochloride, dihydrochloride, and phosphoric acid salt.

11. The method of claim 10, wherein the pharmaceutically acceptable salt is a hydrochloride salt.

12. The method of claim 1, wherein Y³ is H.

13. The method of claim 1, wherein R² is acyl.

14. The method of claim 1, wherein R² is an amino acid ester.

15. The method of claim 1, wherein R² is a peptide.

16. The method of claim 1, wherein R² is a carbohydrate.

17. The method of claim 1, wherein R¹ is hydrogen.

18. The method of claim 1, wherein Base* is cytosine.

19. The method of claim 1, wherein Base* is thymine.

20. The method of claim 1, wherein Base* is uracil.

21. The method of claim 1, wherein Base* is adenine.

22. The method of claim 1, wherein Base* is guanine.

23. The method of claim 13, wherein acyl is of the formula C(O)R', wherein R' is a straight, branched, or cyclic alkyl.

24. The method of claim 13, wherein acyl is of the formula C(O)R', wherein R' is aryl, alkaryl, aralkyl, alkoxyalkyl or aryloxyalkyl.

25. The method of claim 13, wherein acyl is of the formula C(O)R', wherein R' is aryl.

26. The method of claim 13, wherein R² is acetyl.

27. The method of claim 13, wherein R² is propionyl, butyryl, hexanoyl, or 2-propenyl.

28. The method of claim 1, wherein R² is an ester of an amino acid selected from the group consisting of glycine, alanine, valine, leucine, isoleucine, methionine, phenylalanine, tryptophan, proline, serine, threonine, cysteine, tyrosine, asparagine, glutamine, aspartate, glutamate, lysine, arginine and histidine.

29. The method of claim 1, wherein R² is an ester of a naturally occurring or synthetic α, β, γ, or δ amino acid.

30. The method of claim 1, wherein R² is an ester of an amino acid in the L configuration.

31. The method of claim 1, wherein R² is an ester of valine.

32. The method of claim 28, wherein host is human.

33. The method of claim 1, wherein:

R¹ is H;

R² is H, acyl or an amino acid ester; and

Y³ is H.

34. The method of claim 33, wherein Base* is cytosine.

35. The method of claim 33, wherein Base* is thymine.

36. The method of claim 33, wherein Base* is uracil.

37. The method of claim 33, wherein R² is acyl.

38. The method of claim 33, wherein R² is H.

39. The method of claim 33, wherein R² is an amino acid ester.

40. The method of claim 37, wherein acyl is of the formula C(O)R', wherein R' is a straight, branched, or cyclic alkyl.

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41. The method of claim 37, wherein acyl is of the formula C(O)R', wherein R' is aryl, alkaryl, aralkyl, alkoxyalkyl or aryloxyalkyl.

42. The method of claim 37, wherein acyl is of the formula C(O)R', wherein R' is aryl.

43. The method of claim 37, wherein R² is acetyl.

44. The method of claim 37, wherein R² is propionyl, butyryl, hexanoyl, or 2-propenyl.

45. The method of claim 33, wherein R² is an ester of an amino acid selected from the group consisting of glycine, alanine, valine, leucine, isoleucine, methionine, phenylalanine, tryptophan, proline, serine, threonine, cysteine, tyrosine, asparagine, glutamine, aspartate, glutamate, lysine, arginine and histidine.

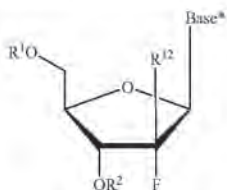
46. The method of claim 33, wherein R² is an ester of a naturally occurring or synthetic α , β , γ , or δ amino acid.

47. The method of claim 33, wherein R² is an ester of an amino acid in the L configuration.

48. The method of claim 33, wherein R² is an ester of valine.

49. The method of claim 33 wherein host is human.

50. A method for the treatment of a host infected with a hepatitis C virus, comprising contacting a cell infected with a hepatitis C virus in the host with a compound of the formula:



or a pharmaceutically acceptable salt thereof, wherein:

R¹ is H; mono-, di- or triphosphate; acyl; an amino acid ester; a carbohydrate; a peptide; or a pharmaceutically acceptable leaving group which when administered in vivo provides a compound wherein R¹ is H or phosphate; R² is H; acyl; an amino acid ester; a carbohydrate; a peptide; or a pharmaceutically acceptable leaving group which when administered in vivo provides a compound wherein R² is H;

Base* is selected from the group consisting of adenine, N⁶-alkylpurine, N⁶-acylpurine, N⁶-benzylpurine, N⁶-halopurine, N⁶-vinylpurine, N²-acetylenic purine, N⁶-acyl purine, N⁶-hydroxyalkyl purine, N⁶-alkylaminopurine, N⁶-thioalkyl purine, N⁶-alkylpurine, N⁶-alkyl-6-thiopurine, thymine, cytosine, 5-fluorocytosine, 5-methylcytosine, 6-azapyrimidine, 6-azacytosine, 2- and/or 4-mercaptopyrimidine, uracil, 5-halouracil, 5-fluorouracil, C⁵-alkylpyrimidine, C⁵-benzylpyrimidine, C⁵-halopyrimidine, C⁵-vinylpyrimidine, C⁵-acetylenic pyrimidine, C⁵-acyl pyrimidine, C⁵-hydroxyalkyl purine, C⁵-amidopyrimidine, C⁵-cyanopyrimidine, C⁵-iodopyrimidine, C⁶-iodo-pyrimidine, C⁵-Br-vinyl pyrimidine, C⁶-Br-vinyl pyrimidine, C⁵-nitropurine, C⁵-amino-pyrimidine, N²-alkylpurine, N²-alkyl-6-thiopurine, 5-azacytidinyl, 5-azauracil, triazolopyridinyl, imidazolopyridinyl, pyrazolopyrimidinyl, pyrazolopyrimidinyl, guanine, hypoxanthine, 2,6-diaminopurine, and 6-chloropurine;

R¹² C(Y³)₃; and

Y³ is independently H or F.

51. The method of claim 50, wherein R¹ is H.

52. The method of claim 50, wherein R² is H.

53. The method of claim 51, wherein R² is H.

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54. The method claim 50, wherein Y³ is H.

55. The method claim 51, wherein Y³ is H.

56. The method of claim 52, wherein Y³ is H.

57. The method of claim 53, wherein Y³ is H.

58. The method of claim 50, wherein R² is acyl.

59. The method of claim 50, wherein R² is an amino acid ester.

60. The method of claim 50, wherein R² is a peptide.

61. The method of claim 50, wherein R² is a carbohydrate.

62. The method of claim 50, wherein Base* is cytosine.

63. The method of claim 50, wherein Base* is thymine.

64. The method of claim 50, wherein Base* is uracil.

65. The method of claim 50, wherein Base* is adenine.

66. The method of claim 50, wherein Base* is guanine.

67. The method of claim 58, wherein acyl is of the formula C(O)R', wherein R' is a straight, branched or cyclic alkyl.

68. The method of claim 58, wherein acyl is of the formula C(O)R', wherein R' aryl, alkaryl, aralkyl, alkoxyalkyl or aryloxyalkyl.

69. The method of claim 58, wherein acyl is of the formula C(O)R', wherein R' is aryl.

70. The method of claim 58, wherein R² is acetyl.

71. The method of claim 58, wherein R² is propionyl, butyryl, hexanoyl or 2-propenyl.

72. The method of claim 50, wherein R² is an amino acid selected from the group consisting of glycine, alanine, valine, leucine, isoleucine, methionine, phenylalanine, tryptophan, proline, serine, threonine, cysteine, tyrosine, asparagine, glutamine, aspartate, glutamate, lysine, arginine and histidine.

73. The method of claim 50, wherein R² is an ester of a naturally occurring or synthetic α , β , γ or δ amino acid.

74. The method of claim 50, wherein R² is an ester of an amino acid in the L configuration.

75. The method of claim 50, wherein R² is an ester of valine.

76. The method of claim 50, wherein:

R¹ is H;

R² is H, acyl or an amino acid ester; and

Y³ is H.

77. The method of claim 50, wherein the compound or pharmaceutically acceptable salt thereof is in the form of a dosage unit.

78. The method of claim 77 wherein the dosage unit contains 50 to 1000 mg.

79. The method of claim 77 wherein the dosage unit is a tablet or capsule.

80. The method of claim 50, wherein the host is a human.

81. The method of claim 50, wherein the compound or pharmaceutically acceptable salt thereof is at least 85% by weight of the β -D-isomer.

82. The method of claim 50, wherein the compound or pharmaceutically acceptable salt thereof is at least 90% by weight of the β -D-isomer.

83. The method of claim 50, wherein the compound or pharmaceutically acceptable salt thereof is at least 95% by weight of the β -D-isomer.

84. The method of claim 50, wherein the compound is in the form of a pharmaceutically acceptable salt selected from the group consisting of a tosylate, methanesulfonate, acetate, citrate, malonate, tartarate, succinate, benzoate, ascorbate, α -ketoglutarate, α -glycerophosphate, formate, fumarate, propionate, glycolate, lactate, pyruvate, oxalate, maleate, salicylate, sulfate, nitrate, hydrobromate, hydrochloride, dihydrochloride, and phosphoric acid salt.

85. The method of claim 84, wherein the pharmaceutically acceptable salt is a hydrochloride salt.

* * * * *

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 7,608,600 B2
APPLICATION NO. : 10/608907
DATED : October 27, 2009
INVENTOR(S) : Storer et al.

Page 1 of 1

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

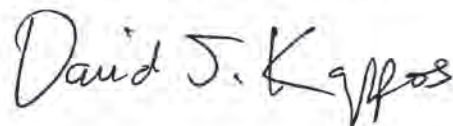
On the cover page,

[*] Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35
USC 154(b) by 918 days

Delete the phrase "by 918 days" and insert -- by 1420 days --

Signed and Sealed this

Twentieth Day of April, 2010



David J. Kappos
Director of the United States Patent and Trademark Office

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

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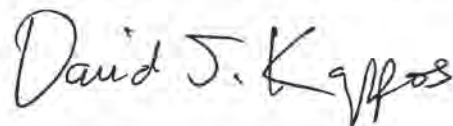
Page 1 of 1

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

On the Title page, delete the phrase "This patent is subject to a terminal disclaimer."

Signed and Sealed this

Twenty-second Day of June, 2010

A handwritten signature in black ink that reads "David J. Kappos". The signature is written in a cursive, flowing style.

David J. Kappos
Director of the United States Patent and Trademark Office

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 7,608,600 B2
APPLICATION NO. : 10/608907
DATED : October 27, 2009
INVENTOR(S) : Storer et al.

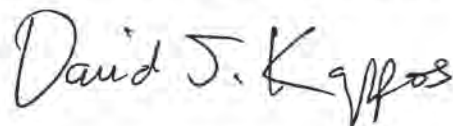
Page 1 of 1

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

(*) Notice: should read, Subject to any disclaimer, the term of this patent
is extended or adjusted under 35 U.S.C. 154 (b) by 1922 days.

Signed and Sealed this

Thirty-first Day of August, 2010



David J. Kappos
Director of the United States Patent and Trademark Office