Table XVI-14.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XVI-14-1	^{t}Bu	H	H	H	Et	F	F	F	OH	H	H
XVI-14-2	^{t}Bu	H	H	CH_3	Et	F	F	F	OH	H	H
XVI-14-3	^{t}Bu	H	H	$CH(CH_3)_2$	Et	F	F	F	OH	H	H
XVI-14-4	^{t}Bu	H	H	$CH_2CH(CH_3)_2$	Et	F	F	F	OH	H	H
XVI-14-5	^{t}Bu	H	H	CH_2Ph	Et	F	F	F	OH	H	H
XVI-14-6	^{t}Bu	H	H	CH_2-indol-3-yl	Et	F	F	F	OH	H	H
XVI-14-7	^{t}Bu	H	H	$CH_2CH_2SCH_3$	Et	F	F	F	OH	H	H
XVI-14-8	^{t}Bu	*	H	*	Et	F	F	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XVI-15.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XVI-15-1	Ph	H	H	H	Et	F	F	F	OH	H	H
XVI-15-2	Ph	H	H	CH_3	Et	F	F	F	OH	H	H
XVI-15-3	Ph	H	H	$CH(CH_3)_2$	Et	F	F	F	OH	H	H
XVI-15-4	Ph	H	H	$CH_2CH(CH_3)_2$	Et	F	F	F	OH	H	H
XVI-15-5	Ph	H	H	CH_2Ph	Et	F	F	F	OH	H	H
XVI-15-6	Ph	H	H	CH_2-indol-3-yl	Et	F	F	F	OH	H	H
XVI-15-7	Ph	H	H	$CH_2CH_2SCH_3$	Et	F	F	F	OH	H	H
XVI-15-8	Ph	*	H	*	Et	F	F	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XVI-16.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XVI-16-1	p-Me-Ph	H	H	H	Et	F	F	F	OH	H	H
XVI-16-2	p-Me-Ph	H	H	CH_3	Et	F	F	F	OH	H	H
XVI-16-3	p-Me-Ph	H	H	$CH(CH_3)_2$	Et	F	F	F	OH	H	H
XVI-16-4	p-Me-Ph	H	H	$CH_2CH(CH_3)_2$	Et	F	F	F	OH	H	H
XVI-16-5	p-Me-Ph	H	H	CH_2Ph	Et	F	F	F	OH	H	H
XVI-16-6	p-Me-Ph	H	H	CH_2-indol-3-yl	Et	F	F	F	OH	H	H
XVI-16-7	p-Me-Ph	H	H	$CH_2CH_2SCH_3$	Et	F	F	F	OH	H	H
XVI-16-8	p-Me-Ph	*	H	*	Et	F	F	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XVI-17.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XVI-17-1	p-F-Ph	H	H	H	Et	F	F	F	OH	H	H
XVI-17-2	p-F-Ph	H	H	CH_3	Et	F	F	F	OH	H	H
XVI-17-3	p-F-Ph	H	H	$CH(CH_3)_2$	Et	F	F	F	OH	H	H
XVI-17-4	p-F-Ph	H	H	$CH_2CH(CH_3)_2$	Et	F	F	F	OH	H	H
XVI-17-5	p-F-Ph	H	H	CH_2Ph	Et	F	F	F	OH	H	H
XVI-17-6	p-F-Ph	H	H	CH_2-indol-3-yl	Et	F	F	F	OH	H	H
XVI-17-7	p-F-Ph	H	H	$CH_2CH_2SCH_3$	Et	F	F	F	OH	H	H
XVI-17-8	p-F-Ph	*	H	*	Et	F	F	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XVI-18.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XVI-18-1	p-Cl-Ph	H	H	H	Et	F	F	F	OH	H	H
XVI-18-2	p-Cl-Ph	H	H	CH_3	Et	F	F	F	OH	H	H
XVI-18-3	p-Cl-Ph	H	H	$CH(CH_3)_2$	Et	F	F	F	OH	H	H
XVI-18-4	p-Cl-Ph	H	H	$CH_2CH(CH_3)_2$	Et	F	F	F	OH	H	H
XVI-18-5	p-Cl-Ph	H	H	CH_2Ph	Et	F	F	F	OH	H	H
XVI-18-6	p-Cl-Ph	H	H	CH_2-indol-3-yl	Et	F	F	F	OH	H	H
XVI-18-7	p-Cl-Ph	H	H	$CH_2CH_2SCH_3$	Et	F	F	F	OH	H	H
XVI-18-8	p-Cl-Ph	*	H	*	Et	F	F	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XVI-19.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XVI-19-1	p-Br-Ph	H	H	H	Et	F	F	F	OH	H	H
XVI-19-2	p-Br-Ph	H	H	CH_3	Et	F	F	F	OH	H	H
XVI-19-3	p-Br-Ph	H	H	$CH(CH_3)_2$	Et	F	F	F	OH	H	H
XVI-19-4	p-Br-Ph	H	H	$CH_2CH(CH_3)_2$	Et	F	F	F	OH	H	H
XVI-19-5	p-Br-Ph	H	H	CH_2Ph	Et	F	F	F	OH	H	H
XVI-19-6	p-Br-Ph	H	H	CH_2-indol-3-yl	Et	F	F	F	OH	H	H
XVI-19-7	p-Br-Ph	H	H	$CH_2CH_2SCH_3$	Et	F	F	F	OH	H	H
XVI-19-8	p-Br-Ph	*	H	*	Et	F	F	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XVI-20.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7
XVI-20-1	p-I-Ph	H	H	H	Et	F	F	F	OH	H
XVI-20-2	p-I-Ph	H	H	CH_3	Et	F	F	F	OH	H
XVI-20-3	p-I-Ph	H	H	$CH(CH_3)_2$	Et	F	F	F	OH	H
XVI-20-4	p-I-Ph	H	H	$CH_2CH(CH_3)_2$	Et	F	F	F	OH	H
XVI-20-5	p-I-Ph	H	H	CH_2Ph	Et	F	F	F	OH	H
XVI-20-6	p-I-Ph	H	H	CH_2-indol-3-yl	Et	F	F	F	OH	H
XVI-20-7	p-I-Ph	H	H	$CH_2CH_2SCH_3$	Et	F	F	F	OH	H
XVI-20-8	p-I-Ph	*	H	*	Et	F	F	F	OH	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XVI-21.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XVI-21-1	CH_3	H	H	H	^{i}Pr	F	F	F	OH	H	H
XVI-21-2	CH_3	H	H	CH_3	^{i}Pr	F	F	F	OH	H	H
XVI-21-3	CH_3	H	H	$CH(CH_3)_2$	^{i}Pr	F	F	F	OH	H	H
XVI-21-4	CH_3	H	H	$CH_2CH(CH_3)_2$	^{i}Pr	F	F	F	OH	H	H
XVI-21-5	CH_3	H	H	CH_2Ph	^{i}Pr	F	F	F	OH	H	H
XVI-21-6	CH_3	H	H	CH_2-indol-3-yl	^{i}Pr	F	F	F	OH	H	H
XVI-21-7	CH_3	H	H	$CH_2CH_2SCH_3$	^{i}Pr	F	F	F	OH	H	H
XVI-21-8	CH_3	*	H	*	^{i}Pr	F	F	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XVI-22.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XVI-22-1	Et	H	H	H	^{i}Pr	F	F	F	OH	H	H
XVI-22-2	Et	H	H	CH_3	^{i}Pr	F	F	F	OH	H	H
XVI-22-3	Et	H	H	$CH(CH_3)_2$	^{i}Pr	F	F	F	OH	H	H
XVI-22-4	Et	H	H	$CH_2CH(CH_3)_2$	^{i}Pr	F	F	F	OH	H	H
XVI-22-5	Et	H	H	CH_2Ph	^{i}Pr	F	F	F	OH	H	H
XVI-22-6	Et	H	H	CH_2-indol-3-yl	^{i}Pr	F	F	F	OH	H	H
XVI-22-7	Et	H	H	$CH_2CH_2SCH_3$	^{i}Pr	F	F	F	OH	H	H
XVI-22-8	Et	*	H	*	^{i}Pr	F	F	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XVI-23.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XVI-23-1	^{i}Pr	H	H	H	^{i}Pr	F	F	F	OH	H	H
XVI-23-2	^{i}Pr	H	H	CH_3	^{i}Pr	F	F	F	OH	H	H
XVI-23-3	^{i}Pr	H	H	$CH(CH_3)_2$	^{i}Pr	F	F	F	OH	H	H
XVI-23-4	^{i}Pr	H	H	$CH_2CH(CH_3)_2$	^{i}Pr	F	F	F	OH	H	H
XVI-23-5	^{i}Pr	H	H	CH_2Ph	^{i}Pr	F	F	F	OH	H	H
XVI-23-6	^{i}Pr	H	H	CH_2-indol-3-yl	^{i}Pr	F	F	F	OH	H	H
XVI-23-7	^{i}Pr	H	H	$CH_2CH_2SCH_3$	^{i}Pr	F	F	F	OH	H	H
XVI-23-8	^{i}Pr	*	H	*	^{i}Pr	F	F	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XVI-24.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XVI-24-1	^{t}Bu	H	H	H	^{i}Pr	F	F	F	OH	H	H
XVI-24-2	^{t}Bu	H	H	CH_3	^{i}Pr	F	F	F	OH	H	H
XVI-24-3	^{t}Bu	H	H	$CH(CH_3)_2$	^{i}Pr	F	F	F	OH	H	H
XVI-24-4	^{t}Bu	H	H	$CH_2CH(CH_3)_2$	^{i}Pr	F	F	F	OH	H	H
XVI-24-5	^{t}Bu	H	H	CH_2Ph	^{i}Pr	F	F	F	OH	H	H
XVI-24-6	^{t}Bu	H	H	CH_2-indol-3-yl	^{i}Pr	F	F	F	OH	H	H
XVI-24-7	^{t}Bu	H	H	$CH_2CH_2SCH_3$	^{i}Pr	F	F	F	OH	H	H
XVI-24-8	^{t}Bu	*	H	*	^{i}Pr	F	F	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XVI-25.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XVI-25-1	Ph	H	H	H	^{i}Pr	F	F	F	OH	H	H
XVI-25-2	Ph	H	H	CH_3	^{i}Pr	F	F	F	OH	H	H
XVI-25-3	Ph	H	H	$CH(CH_3)_2$	^{i}Pr	F	F	F	OH	H	H
XVI-25-4	Ph	H	H	$CH_2CH(CH_3)_2$	^{i}Pr	F	F	F	OH	H	H
XVI-25-5	Ph	H	H	CH_2Ph	^{i}Pr	F	F	F	OH	H	H
XVI-25-6	Ph	H	H	CH_2-indol-3-yl	^{i}Pr	F	F	F	OH	H	H
XVI-25-7	Ph	H	H	$CH_2CH_2SCH_3$	^{i}Pr	F	F	F	OH	H	H
XVI-25-8	Ph	*	H	*	^{i}Pr	F	F	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XVI-26.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XVI-26-1	p-Me-Ph	H	H	H	^{i}Pr	F	F	F	OH	H	H
XVI-26-2	p-Me-Ph	H	H	CH_3	^{i}Pr	F	F	F	OH	H	H
XVI-26-3	p-Me-Ph	H	H	$CH(CH_3)_2$	^{i}Pr	F	F	F	OH	H	H
XVI-26-4	p-Me-Ph	H	H	$CH_2CH(CH_3)_2$	^{i}Pr	F	F	F	OH	H	H
XVI-26-5	p-Me-Ph	H	H	CH_2Ph	^{i}Pr	F	F	F	OH	H	H
XVI-26-6	p-Me-Ph	H	H	CH_2-indol-3-yl	^{i}Pr	F	F	F	OH	H	H
XVI-26-7	p-Me-Ph	H	H	$CH_2CH_2SCH_3$	^{i}Pr	F	F	F	OH	H	H
XVI-26-8	p-Me-Ph	*	H	*	^{i}Pr	F	F	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XVI-27.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XVI-27-1	p-F-Ph	H	H	H	^{i}Pr	F	F	F	OH	H	H
XVI-27-2	p-F-Ph	H	H	CH_3	^{i}Pr	F	F	F	OH	H	H
XVI-27-3	p-F-Ph	H	H	$CH(CH_3)_2$	^{i}Pr	F	F	F	OH	H	H
XVI-27-4	p-F-Ph	H	H	$CH_2CH(CH_3)_2$	^{i}Pr	F	F	F	OH	H	H
XVI-27-5	p-F-Ph	H	H	CH_2Ph	^{i}Pr	F	F	F	OH	H	H
XVI-27-6	p-F-Ph	H	H	CH_2-indol-3-yl	^{i}Pr	F	F	F	OH	H	H
XVI-27-7	p-F-Ph	H	H	$CH_2CH_2SCH_3$	^{i}Pr	F	F	F	OH	H	H
XVI-27-8	p-F-Ph	*	H	*	^{i}Pr	F	F	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XVI-28.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XVI-28-1	p-Cl-Ph	H	H	H	^{i}Pr	F	F	F	OH	H	H
XVI-28-2	p-Cl-Ph	H	H	CH_3	^{i}Pr	F	F	F	OH	H	H
XVI-28-3	p-Cl-Ph	H	H	$CH(CH_3)_2$	^{i}Pr	F	F	F	OH	H	H
XVI-28-4	p-Cl-Ph	H	H	$CH_2CH(CH_3)_2$	^{i}Pr	F	F	F	OH	H	H
XVI-28-5	p-Cl-Ph	H	H	CH_2Ph	^{i}Pr	F	F	F	OH	H	H
XVI-28-6	p-Cl-Ph	H	H	CH_2-indol-3-yl	^{i}Pr	F	F	F	OH	H	H
XVI-28-7	p-Cl-Ph	H	H	$CH_2CH_2SCH_3$	^{i}Pr	F	F	F	OH	H	H
XVI-28-8	p-Cl-Ph	*	H	*	^{i}Pr	F	F	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XVI-29.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XVI-29-1	p-Br-Ph	H	H	H	^{i}Pr	F	F	F	OH	H	H
XVI-29-2	p-Br-Ph	H	H	CH_3	^{i}Pr	F	F	F	OH	H	H
XVI-29-3	p-Br-Ph	H	H	$CH(CH_3)_2$	^{i}Pr	F	F	F	OH	H	H
XVI-29-4	p-Br-Ph	H	H	$CH_2CH(CH_3)_2$	^{i}Pr	F	F	F	OH	H	H
XVI-29-5	p-Br-Ph	H	H	CH_2Ph	^{i}Pr	F	F	F	OH	H	H
XVI-29-6	p-Br-Ph	H	H	CH_2-indol-3-yl	^{i}Pr	F	F	F	OH	H	H
XVI-29-7	p-Br-Ph	H	H	$CH_2CH_2SCH_3$	^{i}Pr	F	F	F	OH	H	H
XVI-29-8	p-Br-Ph	*	H	*	^{i}Pr	F	F	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XVI-30.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XVI-30-1	p-I-Ph	H	H	H	^{i}Pr	F	F	F	OH	H	H
XVI-30-2	p-I-Ph	H	H	CH_3	^{i}Pr	F	F	F	OH	H	H
XVI-30-3	p-I-Ph	H	H	$CH(CH_3)_2$	^{i}Pr	F	F	F	OH	H	H
XVI-30-4	p-I-Ph	H	H	$CH_2CH(CH_3)_2$	^{i}Pr	F	F	F	OH	H	H
XVI-30-5	p-I-Ph	H	H	CH_2Ph	^{i}Pr	F	F	F	OH	H	H
XVI-30-6	p-I-Ph	H	H	CH_2-indol-3-yl	^{i}Pr	F	F	F	OH	H	H
XVI-30-7	p-I-Ph	H	H	$CH_2CH_2SCH_3$	^{i}Pr	F	F	F	OH	H	H
XVI-30-8	p-I-Ph	*	H	*	^{i}Pr	F	F	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XVI-31.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XVI-31-1	CH_3	H	H	H	^{n}Bu	F	F	F	OH	H	H
XVI-31-2	CH_3	H	H	CH_3	^{n}Bu	F	F	F	OH	H	H
XVI-31-3	CH_3	H	H	$CH(CH_3)_2$	^{n}Bu	F	F	F	OH	H	H
XVI-31-4	CH_3	H	H	$CH_2CH(CH_3)_2$	^{n}Bu	F	F	F	OH	H	H
XVI-31-5	CH_3	H	H	CH_2Ph	^{n}Bu	F	F	F	OH	H	H
XVI-31-6	CH_3	H	H	CH_2-indol-3-yl	^{n}Bu	F	F	F	OH	H	H
XVI-31-7	CH_3	H	H	$CH_2CH_2SCH_3$	^{n}Bu	F	F	F	OH	H	H
XVI-31-8	CH_3	*	H	*	^{n}Bu	F	F	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XVI-32.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XVI-32-1	Et	H	H	H	^{n}Bu	F	F	F	OH	H	H
XVI-32-2	Et	H	H	CH_3	^{n}Bu	F	F	F	OH	H	H
XVI-32-3	Et	H	H	$CH(CH_3)_2$	^{n}Bu	F	F	F	OH	H	H
XVI-32-4	Et	H	H	$CH_2CH(CH_3)_2$	^{n}Bu	F	F	F	OH	H	H
XVI-32-5	Et	H	H	CH_2Ph	^{n}Bu	F	F	F	OH	H	H
XVI-32-6	Et	H	H	CH_2-indol-3-yl	^{n}Bu	F	F	F	OH	H	H
XVI-32-7	Et	H	H	$CH_2CH_2SCH_3$	^{n}Bu	F	F	F	OH	H	H
XVI-32-8	Et	*	H	*	^{n}Bu	F	F	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XVI-33.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XVI-33-1	^{i}Pr	H	H	H	^{n}Bu	F	F	F	OH	H	H
XVI-33-2	^{i}Pr	H	H	CH_3	^{n}Bu	F	F	F	OH	H	H
XVI-33-3	^{i}Pr	H	H	$CH(CH_3)_2$	^{n}Bu	F	F	F	OH	H	H
XVI-33-4	^{i}Pr	H	H	$CH_2CH(CH_3)_2$	^{n}Bu	F	F	F	OH	H	H
XVI-33-5	^{i}Pr	H	H	CH_2Ph	^{n}Bu	F	F	F	OH	H	H
XVI-33-6	^{i}Pr	H	H	CH_2-indol-3-yl	^{n}Bu	F	F	F	OH	H	H
XVI-33-7	^{i}Pr	H	H	$CH_2CH_2SCH_3$	^{n}Bu	F	F	F	OH	H	H
XVI-33-8	^{i}Pr	*	H	*	^{n}Bu	F	F	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XVI-34.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XVI-34-1	^{t}Bu	H	H	H	^{n}Bu	F	F	F	OH	H	H
XVI-34-2	^{t}Bu	H	H	CH_3	^{n}Bu	F	F	F	OH	H	H
XVI-34-3	^{t}Bu	H	H	$CH(CH_3)_2$	^{n}Bu	F	F	F	OH	H	H
XVI-34-4	^{t}Bu	H	H	$CH_2CH(CH_3)_2$	^{n}Bu	F	F	F	OH	H	H
XVI-34-5	^{t}Bu	H	H	CH_2Ph	^{n}Bu	F	F	F	OH	H	H
XVI-34-6	^{t}Bu	H	H	CH_2-indol-3-yl	^{n}Bu	F	F	F	OH	H	H
XVI-34-7	^{t}Bu	H	H	$CH_2CH_2SCH_3$	^{n}Bu	F	F	F	OH	H	H
XVI-34-8	^{t}Bu	*	H	*	^{n}Bu	F	F	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XVI-35.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XVI-35-1	Ph	H	H	H	^{n}Bu	F	F	F	OH	H	H
XVI-35-2	Ph	H	H	CH_3	^{n}Bu	F	F	F	OH	H	H
XVI-35-3	Ph	H	H	$CH(CH_3)_2$	^{n}Bu	F	F	F	OH	H	H
XVI-35-4	Ph	H	H	$CH_2CH(CH_3)_2$	^{n}Bu	F	F	F	OH	H	H
XVI-35-5	Ph	H	H	CH_2Ph	^{n}Bu	F	F	F	OH	H	H
XVI-35-6	Ph	H	H	CH_2-indol-3-yl	^{n}Bu	F	F	F	OH	H	H
XVI-35-7	Ph	H	H	$CH_2CH_2SCH_3$	^{n}Bu	F	F	F	OH	H	H
XVI-35-8	Ph	*	H	*	^{n}Bu	F	F	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XVI-36.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XVI-36-1	p-Me-Ph	H	H	H	^{n}Bu	F	F	F	OH	H	H
XVI-36-2	p-Me-Ph	H	H	CH_3	^{n}Bu	F	F	F	OH	H	H
XVI-36-3	p-Me-Ph	H	H	$CH(CH_3)_2$	^{n}Bu	F	F	F	OH	H	H
XVI-36-4	p-Me-Ph	H	H	$CH_2CH(CH_3)_2$	^{n}Bu	F	F	F	OH	H	H
XVI-36-5	p-Me-Ph	H	H	CH_2Ph	^{n}Bu	F	F	F	OH	H	H
XVI-36-6	p-Me-Ph	H	H	CH_2-indol-3-yl	^{n}Bu	F	F	F	OH	H	H
XVI-36-7	p-Me-Ph	H	H	$CH_2CH_2SCH_3$	^{n}Bu	F	F	F	OH	H	H
XVI-36-8	p-Me-Ph	*	H	*	^{n}Bu	F	F	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XVI-37.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XVI-37-1	p-F-Ph	H	H	H	^{n}Bu	F	F	F	OH	H	H
XVI-37-2	p-F-Ph	H	H	CH_3	^{n}Bu	F	F	F	OH	H	H
XVI-37-3	p-F-Ph	H	H	$CH(CH_3)_2$	^{n}Bu	F	F	F	OH	H	H
XVI-37-4	p-F-Ph	H	H	$CH_2CH(CH_3)_2$	^{n}Bu	F	F	F	OH	H	H
XVI-37-5	p-F-Ph	H	H	CH_2Ph	^{n}Bu	F	F	F	OH	H	H
XVI-37-6	p-F-Ph	H	H	CH_2-indol-3-yl	^{n}Bu	F	F	F	OH	H	H
XVI-37-7	p-F-Ph	H	H	$CH_2CH_2SCH_3$	^{n}Bu	F	F	F	OH	H	H
XVI-37-8	p-F-Ph	*	H	*	^{n}Bu	F	F	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XVI-38.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XVI-38-1	p-Cl-Ph	H	H	H	^{n}Bu	F	F	F	OH	H	H
XVI-38-2	p-Cl-Ph	H	H	CH_3	^{n}Bu	F	F	F	OH	H	H
XVI-38-3	p-Cl-Ph	H	H	$CH(CH_3)_2$	^{n}Bu	F	F	F	OH	H	H
XVI-38-4	p-Cl-Ph	H	H	$CH_2CH(CH_3)_2$	^{n}Bu	F	F	F	OH	H	H
XVI-38-5	p-Cl-Ph	H	H	CH_2Ph	^{n}Bu	F	F	F	OH	H	H
XVI-38-6	p-Cl-Ph	H	H	CH_2-indol-3-yl	^{n}Bu	F	F	F	OH	H	H
XVI-38-7	p-Cl-Ph	H	H	$CH_2CH_2SCH_3$	^{n}Bu	F	F	F	OH	H	H
XVI-38-8	p-Cl-Ph	*	H	*	^{n}Bu	F	F	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XVI-39.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XVI-39-1	p-Br-Ph	H	H	H	^{n}Bu	F	F	F	OH	H	H
XVI-39-2	p-Br-Ph	H	H	CH_3	^{n}Bu	F	F	F	OH	H	H
XVI-39-3	p-Br-Ph	H	H	$CH(CH_3)_2$	^{n}Bu	F	F	F	OH	H	H
XVI-39-4	p-Br-Ph	H	H	$CH_2CH(CH_3)_2$	^{n}Bu	F	F	F	OH	H	H
XVI-39-5	p-Br-Ph	H	H	CH_2Ph	^{n}Bu	F	F	F	OH	H	H
XVI-39-6	p-Br-Ph	H	H	CH_2-indol-3-yl	^{n}Bu	F	F	F	OH	H	H
XVI-39-7	p-Br-Ph	H	H	$CH_2CH_2SCH_3$	^{n}Bu	F	F	F	OH	H	H
XVI-39-8	p-Br-Ph	*	H	*	^{n}Bu	F	F	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XVI-40.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XVI-40-1	p-I-Ph	H	H	H	^{n}Bu	F	F	F	OH	H	H
XVI-40-2	p-I-Ph	H	H	CH_3	^{n}Bu	F	F	F	OH	H	H
XVI-40-3	p-I-Ph	H	H	$CH(CH_3)_2$	^{n}Bu	F	F	F	OH	H	H
XVI-40-4	p-I-Ph	H	H	$CH_2CH(CH_3)_2$	^{n}Bu	F	F	F	OH	H	H
XVI-40-5	p-I-Ph	H	H	CH_2Ph	^{n}Bu	F	F	F	OH	H	H
XVI-40-6	p-I-Ph	H	H	CH_2-indol-3-yl	^{n}Bu	F	F	F	OH	H	H
XVI-40-7	p-I-Ph	H	H	$CH_2CH_2SCH_3$	^{n}Bu	F	F	F	OH	H	H
XVI-40-8	p-I-Ph	*	H	*	^{n}Bu	F	F	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XVI-41.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XVI-41-1	CH_3	H	H	H	Bz	F	F	F	OH	H	H
XVI-41-2	CH_3	H	H	CH_3	Bz	F	F	F	OH	H	H
XVI-41-3	CH_3	H	H	$CH(CH_3)_2$	Bz	F	F	F	OH	H	H
XVI-41-4	CH_3	H	H	$CH_2CH(CH_3)_2$	Bz	F	F	F	OH	H	H
XVI-41-5	CH_3	H	H	CH_2Ph	Bz	F	F	F	OH	H	H
XVI-41-6	CH_3	H	H	CH_2-indol-3-yl	Bz	F	F	F	OH	H	H
XVI-41-7	CH_3	H	H	$CH_2CH_2SCH_3$	Bz	F	F	F	OH	H	H
XVI-41-8	CH_3	*	H	*	Bz	F	F	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XVI-42.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XVI-42-1	Et	H	H	H	Bz	F	F	F	OH	H	H
XVI-42-2	Et	H	H	CH_3	Bz	F	F	F	OH	H	H
XVI-42-3	Et	H	H	$CH(CH_3)_2$	Bz	F	F	F	OH	H	H
XVI-42-4	Et	H	H	$CH_2CH(CH_3)_2$	Bz	F	F	F	OH	H	H
XVI-42-5	Et	H	H	CH_2Ph	Bz	F	F	F	OH	H	H
XVI-42-6	Et	H	H	CH_2-indol-3-yl	Bz	F	F	F	OH	H	H
XVI-42-7	Et	H	H	$CH_2CH_2SCH_3$	Bz	F	F	F	OH	H	H
XVI-42-8	Et	*	H	*	Bz	F	F	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XVI-43.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XVI-43-1	^{i}Pr	H	H	H	Bz	F	F	F	OH	H	H
XVI-43-2	^{i}Pr	H	H	CH_3	Bz	F	F	F	OH	H	H
XVI-43-3	^{i}Pr	H	H	$CH(CH_3)_2$	Bz	F	F	F	OH	H	H
XVI-43-4	^{i}Pr	H	H	$CH_2CH(CH_3)_2$	Bz	F	F	F	OH	H	H
XVI-43-5	^{i}Pr	H	H	CH_2Ph	Bz	F	F	F	OH	H	H
XVI-43-6	^{i}Pr	H	H	CH_2-indol-3-yl	Bz	F	F	F	OH	H	H
XVI-43-7	^{i}Pr	H	H	$CH_2CH_2SCH_3$	Bz	F	F	F	OH	H	H
XVI-43-8	^{i}Pr	*	H	*	Bz	F	F	F	OH	H	H

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*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XVI-44.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XVI-44-1	^{t}Bu	H	H	H	Bz	F	F	F	OH	H	H
XVI-44-2	^{t}Bu	H	H	CH_3	Bz	F	F	F	OH	H	H
XVI-44-3	^{t}Bu	H	H	$CH(CH_3)_2$	Bz	F	F	F	OH	H	H
XVI-44-4	^{t}Bu	H	H	$CH_2CH(CH_3)_2$	Bz	F	F	F	OH	H	H
XVI-44-5	^{t}Bu	H	H	CH_2Ph	Bz	F	F	F	OH	H	H
XVI-44-6	^{t}Bu	H	H	CH_2-indol-3-yl	Bz	F	F	F	OH	H	H
XVI-44-7	^{t}Bu	H	H	$CH_2CH_2SCH_3$	Bz	F	F	F	OH	H	H
XVI-44-8	^{t}Bu	*	H	*	Bz	F	F	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XVI-45.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XVII-45-1	Ph	H	H	H	Bz	F	F	F	OH	H	H
XVII-45-2	Ph	H	H	CH_3	Bz	F	F	F	OH	H	H
XVII-45-3	Ph	H	H	$CH(CH_3)_2$	Bz	F	F	F	OH	H	H
XVII-45-4	Ph	H	H	$CH_2CH(CH_3)_2$	Bz	F	F	F	OH	H	H
XVII-45-5	Ph	H	H	CH_2Ph	Bz	F	F	F	OH	H	H
XVII-45-6	Ph	H	H	CH_2-indol-3-yl	Bz	F	F	F	OH	H	H
XVII-45-7	Ph	H	H	$CH_2CH_2SCH_3$	Bz	F	F	F	OH	H	H
XVII-45-8	Ph	*	H	*	Bz	F	F	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XVI-46.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XVII-46-1	p-Me-Ph	H	H	H	Bz	F	F	F	OH	H	H
XVII-46-2	p-Me-Ph	H	H	CH_3	Bz	F	F	F	OH	H	H
XVII-46-3	p-Me-Ph	H	H	$CH(CH_3)_2$	Bz	F	F	F	OH	H	H
XVII-46-4	p-Me-Ph	H	H	$CH_2CH(CH_3)_2$	Bz	F	F	F	OH	H	H
XVII-46-5	p-Me-Ph	H	H	CH_2Ph	Bz	F	F	F	OH	H	H
XVII-46-6	p-Me-Ph	H	H	CH_2-indol-3-yl	Bz	F	F	F	OH	H	H
XVII-46-7	p-Me-Ph	H	H	$CH_2CH_2SCH_3$	Bz	F	F	F	OH	H	H

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№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XVII-46-8	p-Me-Ph	*	H	*	Bz	F	F	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XVI-47.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XVII-47-1	p-F-Ph	H	H	H	Bz	F	F	F	OH	H	H
XVII-47-2	p-F-Ph	H	H	CH_3	Bz	F	F	F	OH	H	H
XVII-47-3	p-F-Ph	H	H	$CH(CH_3)_2$	Bz	F	F	F	OH	H	H
XVII-47-4	p-F-Ph	H	H	$CH_2CH(CH_3)_2$	Bz	F	F	F	OH	H	H
XVII-47-5	p-F-Ph	H	H	CH_2Ph	Bz	F	F	F	OH	H	H
XVII-47-6	p-F-Ph	H	H	CH_2-indol-3-yl	Bz	F	F	F	OH	H	H
XVII-47-7	p-F-Ph	H	H	$CH_2CH_2SCH_3$	Bz	F	F	F	OH	H	H
XVII-47-8	p-F-Ph	*	H	*	Bz	F	F	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XVI-48.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XVII-48-1	p-Cl-Ph	H	H	H	Bz	F	F	F	OH	H	H
XVII-48-2	p-Cl-Ph	H	H	CH_3	Bz	F	F	F	OH	H	H
XVII-48-3	p-Cl-Ph	H	H	$CH(CH_3)_2$	Bz	F	F	F	OH	H	H
XVII-48-4	p-Cl-Ph	H	H	$CH_2CH(CH_3)_2$	Bz	F	F	F	OH	H	H
XVII-48-5	p-Cl-Ph	H	H	CH_2Ph	Bz	F	F	F	OH	H	H
XVII-48-6	p-Cl-Ph	H	H	CH_2-indol-3-yl	Bz	F	F	F	OH	H	H
XVII-48-7	p-Cl-Ph	H	H	$CH_2CH_2SCH_3$	Bz	F	F	F	OH	H	H
XVII-48-8	p-Cl-Ph	*	H	*	Bz	F	F	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XVI-49.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XVII-49-1	p-Br-Ph	H	H	H	Bz	F	F	F	OH	H	H
XVII-49-2	p-Br-Ph	H	H	CH_3	Bz	F	F	F	OH	H	H
XVII-49-3	p-Br-Ph	H	H	$CH(CH_3)_2$	Bz	F	F	F	OH	H	H
XVII-49-4	p-Br-Ph	H	H	$CH_2CH(CH_3)_2$	Bz	F	F	F	OH	H	H
XVII-49-5	p-Br-Ph	H	H	CH_2Ph	Bz	F	F	F	OH	H	H

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№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XVII-49-6	p-Br-Ph	H	H	CH_2-indol-3-yl	Bz	F	F	F	OH	H	H
XVII-49-7	p-Br-Ph	H	H	$CH_2CH_2SCH_3$	Bz	F	F	F	OH	H	H
XVII-49-8	p-Br-Ph	*	H	*	Bz	F	F	F	OH	H	H

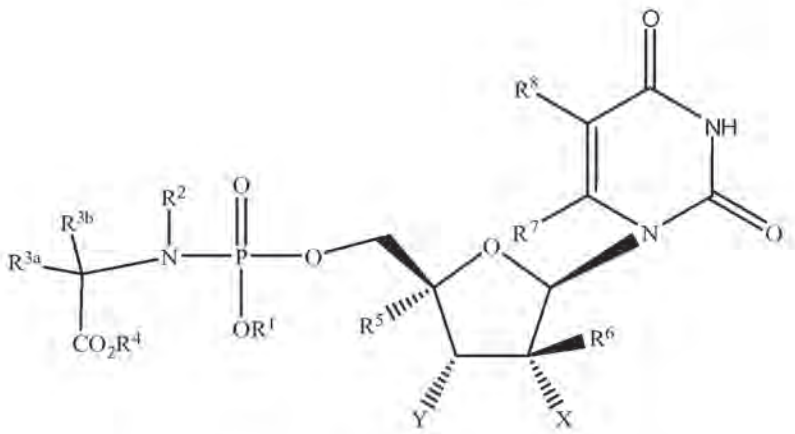
*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XVI-50.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XVII-50-1	p-I-Ph	H	H	H	Bz	F	F	F	OH	H	H
XVII-50-2	p-I-Ph	H	H	CH_3	Bz	F	F	F	OH	H	H
XVII-50-3	p-I-Ph	H	H	$CH(CH_3)_2$	Bz	F	F	F	OH	H	H
XVII-50-4	p-I-Ph	H	H	$CH_2CH(CH_3)_2$	Bz	F	F	F	OH	H	H
XVII-50-5	p-I-Ph	H	H	CH_2Ph	Bz	F	F	F	OH	H	H
XVII-50-6	p-I-Ph	H	H	CH_2-indol-3-yl	Bz	F	F	F	OH	H	H
XVII-50-7	p-I-Ph	H	H	$CH_2CH_2SCH_3$	Bz	F	F	F	OH	H	H
XVII-50-8	p-I-Ph	*	H	*	Bz	F	F	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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XVII

Table XVII-1.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XVII-1-1	CH_3	H	H	H	CH_3	F	H	F	OH	H	H

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№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XVII-1-2	CH_3	H	H	CH_3	CH_3	F	H	F	OH	H	H
XVII-1-3	CH_3	H	H	$CH(CH_3)_2$	CH_3	F	H	F	OH	H	H
XVII-1-4	CH_3	H	H	$CH_2CH(CH_3)_2$	CH_3	F	H	F	OH	H	H
XVII-1-5	CH_3	H	H	CH_2Ph	CH_3	F	H	F	OH	H	H
XVII-1-6	CH_3	H	H	CH_2-indol-3-yl	CH_3	F	H	F	OH	H	H
XVII-1-7	CH_3	H	H	$CH_2CH_2SCH_3$	CH_3	F	H	F	OH	H	H
XVII-1-8	CH_3	*	H	*	CH_3	F	H	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XVII-2.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XVII-2-1	Et	H	H	H	CH_3	F	H	F	OH	H	H
XVII-2-2	Et	H	H	CH_3	CH_3	F	H	F	OH	H	H
XVII-2-3	Et	H	H	$CH(CH_3)_2$	CH_3	F	H	F	OH	H	H
XVII-2-4	Et	H	H	$CH_2CH(CH_3)_2$	CH_3	F	H	F	OH	H	H
XVII-2-5	Et	H	H	CH_2Ph	CH_3	F	H	F	OH	H	H
XVII-2-6	Et	H	H	CH_2-indol-3-yl	CH_3	F	H	F	OH	H	H
XVII-2-7	Et	H	H	$CH_2CH_2SCH_3$	CH_3	F	H	F	OH	H	H
XVII-2-8	Et	*	H	*	CH_3	F	H	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XVII-3.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XVII-3-1	^{i}Pr	H	H	H	CH_3	F	H	F	OH	H	H
XVII-3-2	^{i}Pr	H	H	CH_3	CH_3	F	H	F	OH	H	H
XVII-3-3	^{i}Pr	H	H	$CH(CH_3)_2$	CH_3	F	H	F	OH	H	H
XVII-3-4	^{i}Pr	H	H	$CH_2CH(CH_3)_2$	CH_3	F	H	F	OH	H	H
XVII-3-5	^{i}Pr	H	H	CH_2Ph	CH_3	F	H	F	OH	H	H
XVII-3-6	^{i}Pr	H	H	CH_2-indol-3-yl	CH_3	F	H	F	OH	H	H
XVII-3-7	^{i}Pr	H	H	$CH_2CH_2SCH_3$	CH_3	F	H	F	OH	H	H
XVII-3-8	^{i}Pr	*	H	*	CH_3	F	H	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XVII-4.

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№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XVII-4-1	^{t}Bu	H	H	H	CH_3	F	H	F	OH	H	H
XVII-4-2	^{t}Bu	H	H	CH_3	CH_3	F	H	F	OH	H	H
XVII-4-3	^{t}Bu	H	H	$CH(CH_3)_2$	CH_3	F	H	F	OH	H	H
XVII-4-4	^{t}Bu	H	H	$CH_2CH(CH_3)_2$	CH_3	F	H	F	OH	H	H
XVII-4-5	^{t}Bu	H	H	CH_2Ph	CH_3	F	H	F	OH	H	H
XVII-4-6	^{t}Bu	H	H	CH_2-indol-3-yl	CH_3	F	H	F	OH	H	H
XVII-4-7	^{t}Bu	H	H	$CH_2CH_2SCH_3$	CH_3	F	H	F	OH	H	H
XVII-4-8	^{t}Bu	*	H	*	CH_3	F	H	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XVII-5.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XVII-5-1	Ph	H	H	H	CH_3	F	H	F	OH	H	H
XVII-5-2	Ph	H	H	CH_3	CH_3	F	H	F	OH	H	H
XVII-5-3	Ph	H	H	$CH(CH_3)_2$	CH_3	F	H	F	OH	H	H
XVII-5-4	Ph	H	H	$CH_2CH(CH_3)_2$	CH_3	F	H	F	OH	H	H
XVII-5-5	Ph	H	H	CH_2Ph	CH_3	F	H	F	OH	H	H
XVII-5-6	Ph	H	H	CH_2-indol-3-yl	CH_3	F	H	F	OH	H	H
XVII-5-7	Ph	H	H	$CH_2CH_2SCH_3$	CH_3	F	H	F	OH	H	H
XVII-5-8	Ph	*	H	*	CH_3	F	H	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XVII-6.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XVII-6-1	p-Me-Ph	H	H	H	CH_3	F	H	F	OH	H	H
XVII-6-2	p-Me-Ph	H	H	CH_3	CH_3	F	H	F	OH	H	H
XVII-6-3	p-Me-Ph	H	H	$CH(CH_3)_2$	CH_3	F	H	F	OH	H	H
XVII-6-4	p-Me-Ph	H	H	$CH_2CH(CH_3)_2$	CH_3	F	H	F	OH	H	H
XVII-6-5	p-Me-Ph	H	H	CH_2Ph	CH_3	F	H	F	OH	H	H
XVII-6-6	p-Me-Ph	H	H	CH_2-indol-3-yl	CH_3	F	H	F	OH	H	H
XVII-6-7	p-Me-Ph	H	H	$CH_2CH_2SCH_3$	CH_3	F	H	F	OH	H	H
XVII-6-8	p-Me-Ph	*	H	*	CH_3	F	H	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XVII-7.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XVII-7-1	p-F-Ph	H	H	H	CH_3	F	H	F	OH	H	H
XVII-7-2	p-F-Ph	H	H	CH_3	CH_3	F	H	F	OH	H	H
XVII-7-3	p-F-Ph	H	H	$CH(CH_3)_2$	CH_3	F	H	F	OH	H	H
XVII-7-4	p-F-Ph	H	H	$CH_2CH(CH_3)_2$	CH_3	F	H	F	OH	H	H
XVII-7-6	p-F-Ph	H	H	CH_2Ph	CH_3	F	H	F	OH	H	H
XVII-7-7	p-F-Ph	H	H	CH_2-indol-3-yl	CH_3	F	H	F	OH	H	H
XVII-7-8	p-F-Ph	H	H	$CH_2CH_2SCH_3$	CH_3	F	H	F	OH	H	H
XVII-7-20	p-F-Ph	*	H	*	CH_3	F	H	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XVII-8.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XVII-8-1	p-Cl-Ph	H	H	H	CH_3	F	H	F	OH	H	H
XVII-8-2	p-Cl-Ph	H	H	CH_3	CH_3	F	H	F	OH	H	H
XVII-8-3	p-Cl-Ph	H	H	$CH(CH_3)_2$	CH_3	F	H	F	OH	H	H
XVII-8-4	p-Cl-Ph	H	H	$CH_2CH(CH_3)_2$	CH_3	F	H	F	OH	H	H
XVII-8-5	p-Cl-Ph	H	H	CH_2Ph	CH_3	F	H	F	OH	H	H
XVII-8-6	p-Cl-Ph	H	H	CH_2-indol-3-yl	CH_3	F	H	F	OH	H	H
XVII-8-7	p-Cl-Ph	H	H	$CH_2CH_2SCH_3$	CH_3	F	H	F	OH	H	H
XVII-8-8	p-Cl-Ph	*	H	*	CH_3	F	H	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XVII-9.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XVII-9-1	p-Br-Ph	H	H	H	CH_3	F	H	F	OH	H	H
XVII-9-2	p-Br-Ph	H	H	CH_3	CH_3	F	H	F	OH	H	H
XVII-9-3	p-Br-Ph	H	H	$CH(CH_3)_2$	CH_3	F	H	F	OH	H	H
XVII-9-4	p-Br-Ph	H	H	$CH_2CH(CH_3)_2$	CH_3	F	H	F	OH	H	H
XVII-9-6	p-Br-Ph	H	H	CH_2Ph	CH_3	F	H	F	OH	H	H
XVII-9-7	p-Br-Ph	H	H	CH_2-indol-3-yl	CH_3	F	H	F	OH	H	H
XVII-9-8	p-Br-Ph	H	H	$CH_2CH_2SCH_3$	CH_3	F	H	F	OH	H	H
XVII-9-20	p-Br-Ph	*	H	*	CH_3	F	H	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XVII-10.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XVII-10-1	p-I-Ph	H	H	H	CH_3	F	H	F	OH	H	H
XVII-10-2	p-I-Ph	H	H	CH_3	CH_3	F	H	F	OH	H	H
XVII-10-3	p-I-Ph	H	H	$CH(CH_3)_2$	CH_3	F	H	F	OH	H	H
XVII-10-4	p-I-Ph	H	H	$CH_2CH(CH_3)_2$	CH_3	F	H	F	OH	H	H
XVII-10-5	p-I-Ph	H	H	CH_2Ph	CH_3	F	H	F	OH	H	H
XVII-10-6	p-I-Ph	H	H	CH_2-indol-3-yl	CH_3	F	H	F	OH	H	H
XVII-10-7	p-I-Ph	H	H	$CH_2CH_2SCH_3$	CH_3	F	H	F	OH	H	H
XVII-10-8	p-I-Ph	*	H	*	CH_3	F	H	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XVII-11.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XVII-11-1	CH_3	H	H	H	Et	F	H	F	OH	H	H
XVII-11-2	CH_3	H	H	CH_3	Et	F	H	F	OH	H	H
XVII-11-3	CH_3	H	H	$CH(CH_3)_2$	Et	F	H	F	OH	H	H
XVII-11-4	CH_3	H	H	$CH_2CH(CH_3)_2$	Et	F	H	F	OH	H	H
XVII-11-5	CH_3	H	H	CH_2Ph	Et	F	H	F	OH	H	H
XVII-11-6	CH_3	H	H	CH_2-indol-3-yl	Et	F	H	F	OH	H	H
XVII-11-7	CH_3	H	H	$CH_2CH_2SCH_3$	Et	F	H	F	OH	H	H
XVII-11-8	CH_3	*	H	*	Et	F	H	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XVII-12.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XVII-12-1	Et	H	H	H	Et	F	H	F	OH	H	H
XVII-12-2	Et	H	H	CH_3	Et	F	H	F	OH	H	H
XVII-12-3	Et	H	H	$CH(CH_3)_2$	Et	F	H	F	OH	H	H
XVII-12-4	Et	H	H	$CH_2CH(CH_3)_2$	Et	F	H	F	OH	H	H
XVII-12-5	Et	H	H	CH_2Ph	Et	F	H	F	OH	H	H
XVII-12-6	Et	H	H	CH_2-indol-3-yl	Et	F	H	F	OH	H	H
XVII-12-7	Et	H	H	$CH_2CH_2SCH_3$	Et	F	H	F	OH	H	H
XVII-12-8	Et	*	H	*	Et	F	H	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XVII-13.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XVII-13-1	^{i}Pr	H	H	H	Et	F	H	F	OH	H	H
XVII-13-2	^{i}Pr	H	H	CH_3	Et	F	H	F	OH	H	H
XVII-13-3	^{i}Pr	H	H	$CH(CH_3)_2$	Et	F	H	F	OH	H	H
XVII-13-4	^{i}Pr	H	H	$CH_2CH(CH_3)_2$	Et	F	H	F	OH	H	H
XVII-13-5	^{i}Pr	H	H	CH_2Ph	Et	F	H	F	OH	H	H
XVII-13-6	^{i}Pr	H	H	CH_2-indol-3-yl	Et	F	H	F	OH	H	H
XVII-13-7	^{i}Pr	H	H	$CH_2CH_2SCH_3$	Et	F	H	F	OH	H	H
XVII-13-8	^{i}Pr	*	H	*	Et	F	H	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XVII-14.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XVII-14-1	^{t}Bu	H	H	H	Et	F	H	F	OH	H	H
XVII-14-2	^{t}Bu	H	H	CH_3	Et	F	H	F	OH	H	H
XVII-14-3	^{t}Bu	H	H	$CH(CH_3)_2$	Et	F	H	F	OH	H	H
XVII-14-4	^{t}Bu	H	H	$CH_2CH(CH_3)_2$	Et	F	H	F	OH	H	H
XVII-14-5	^{t}Bu	H	H	CH_2Ph	Et	F	H	F	OH	H	H
XVII-14-6	^{t}Bu	H	H	CH_2-indol-3-yl	Et	F	H	F	OH	H	H
XVII-14-7	^{t}Bu	H	H	$CH_2CH_2SCH_3$	Et	F	H	F	OH	H	H
XVII-14-8	^{t}Bu	*	H	*	Et	F	H	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XVII-15.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XVII-15-1	Ph	H	H	H	Et	F	H	F	OH	H	H
XVII-15-2	Ph	H	H	CH_3	Et	F	H	F	OH	H	H
XVII-15-3	Ph	H	H	$CH(CH_3)_2$	Et	F	H	F	OH	H	H
XVII-15-4	Ph	H	H	$CH_2CH(CH_3)_2$	Et	F	H	F	OH	H	H
XVII-15-5	Ph	H	H	CH_2Ph	Et	F	H	F	OH	H	H
XVII-15-6	Ph	H	H	CH_2-indol-3-yl	Et	F	H	F	OH	H	H
XVII-15-7	Ph	H	H	$CH_2CH_2SCH_3$	Et	F	H	F	OH	H	H
XVII-15-8	Ph	*	H	*	Et	F	H	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XVII-16.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XVII-16-1	p-Me-Ph	H	H	H	Et	F	H	F	OH	H	H
XVII-16-2	p-Me-Ph	H	H	CH_3	Et	F	H	F	OH	H	H
XVII-16-3	p-Me-Ph	H	H	$CH(CH_3)_2$	Et	F	H	F	OH	H	H
XVII-16-4	p-Me-Ph	H	H	$CH_2CH(CH_3)_2$	Et	F	H	F	OH	H	H
XVII-16-5	p-Me-Ph	H	H	CH_2Ph	Et	F	H	F	OH	H	H
XVII-16-6	p-Me-Ph	H	H	CH_2-indol-3-yl	Et	F	H	F	OH	H	H
XVII-16-7	p-Me-Ph	H	H	$CH_2CH_2SCH_3$	Et	F	H	F	OH	H	H
XVII-16-8	p-Me-Ph	*	H	*	Et	F	H	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XVII-17.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XVII-17-1	p-F-Ph	H	H	H	Et	F	H	F	OH	H	H
XVII-17-2	p-F-Ph	H	H	CH_3	Et	F	H	F	OH	H	H
XVII-17-3	p-F-Ph	H	H	$CH(CH_3)_2$	Et	F	H	F	OH	H	H
XVII-17-4	p-F-Ph	H	H	$CH_2CH(CH_3)_2$	Et	F	H	F	OH	H	H
XVII-17-5	p-F-Ph	H	H	CH_2Ph	Et	F	H	F	OH	H	H
XVII-17-6	p-F-Ph	H	H	CH_2-indol-3-yl	Et	F	H	F	OH	H	H
XVII-17-7	p-F-Ph	H	H	$CH_2CH_2SCH_3$	Et	F	H	F	OH	H	H
XVII-17-8	p-F-Ph	*	H	*	Et	F	H	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XVII-18.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XVII-18-1	p-Cl-Ph	H	H	H	Et	F	H	F	OH	H	H
XVII-18-2	p-Cl-Ph	H	H	CH_3	Et	F	H	F	OH	H	H
XVII-18-3	p-Cl-Ph	H	H	$CH(CH_3)_2$	Et	F	H	F	OH	H	H
XVII-18-4	p-Cl-Ph	H	H	$CH_2CH(CH_3)_2$	Et	F	H	F	OH	H	H
XVII-18-5	p-Cl-Ph	H	H	CH_2Ph	Et	F	H	F	OH	H	H
XVII-18-6	p-Cl-Ph	H	H	CH_2-indol-3-yl	Et	F	H	F	OH	H	H
XVII-18-7	p-Cl-Ph	H	H	$CH_2CH_2SCH_3$	Et	F	H	F	OH	H	H
XVII-18-8	p-Cl-Ph	*	H	*	Et	F	H	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XVII-19.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XVII-19-1	p-Br-Ph	H	H	H	Et	F	H	F	OH	H	H
XVII-19-2	p-Br-Ph	H	H	CH_3	Et	F	H	F	OH	H	H
XVII-19-3	p-Br-Ph	H	H	$CH(CH_3)_2$	Et	F	H	F	OH	H	H
XVII-19-4	p-Br-Ph	H	H	$CH_2CH(CH_3)_2$	Et	F	H	F	OH	H	H
XVII-19-5	p-Br-Ph	H	H	CH_2Ph	Et	F	H	F	OH	H	H
XVII-19-6	p-Br-Ph	H	H	CH_2-indol-3-yl	Et	F	H	F	OH	H	H
XVII-19-7	p-Br-Ph	H	H	$CH_2CH_2SCH_3$	Et	F	H	F	OH	H	H
XVII-19-8	p-Br-Ph	*	H	*	Et	F	H	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XVII-20.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XVII-20-1	p-I-Ph	H	H	H	Et	F	H	F	OH	H	H
XVII-20-2	p-I-Ph	H	H	CH_3	Et	F	H	F	OH	H	H
XVII-20-3	p-I-Ph	H	H	$CH(CH_3)_2$	Et	F	H	F	OH	H	H
XVII-20-4	p-I-Ph	H	H	$CH_2CH(CH_3)_2$	Et	F	H	F	OH	H	H
XVII-20-5	p-I-Ph	H	H	CH_2Ph	Et	F	H	F	OH	H	H
XVII-20-6	p-I-Ph	H	H	CH_2-indol-3-yl	Et	F	H	F	OH	H	H
XVII-20-7	p-I-Ph	H	H	$CH_2CH_2SCH_3$	Et	F	H	F	OH	H	H
XVII-20-8	p-I-Ph	*	H	*	Et	F	H	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XVII-21.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XVII-21-1	CH_3	H	H	H	^{i}Pr	F	H	F	OH	H	H
XVII-21-2	CH_3	H	H	CH_3	^{i}Pr	F	H	F	OH	H	H
XVII-21-3	CH_3	H	H	$CH(CH_3)_2$	^{i}Pr	F	H	F	OH	H	H
XVII-21-4	CH_3	H	H	$CH_2CH(CH_3)_2$	^{i}Pr	F	H	F	OH	H	H
XVII-21-5	CH_3	H	H	CH_2Ph	^{i}Pr	F	H	F	OH	H	H
XVII-21-6	CH_3	H	H	CH_2-indol-3-yl	^{i}Pr	F	H	F	OH	H	H
XVII-21-7	CH_3	H	H	$CH_2CH_2SCH_3$	^{i}Pr	F	H	F	OH	H	H
XVII-21-8	CH_3	*	H	*	^{i}Pr	F	H	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XVII-22.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XVII-22-1	Et	H	H	H	^{i}Pr	F	H	F	OH	H	H
XVII-22-2	Et	H	H	CH_3	^{i}Pr	F	H	F	OH	H	H
XVII-22-3	Et	H	H	$CH(CH_3)_2$	^{i}Pr	F	H	F	OH	H	H
XVII-22-4	Et	H	H	$CH_2CH(CH_3)_2$	^{i}Pr	F	H	F	OH	H	H
XVII-22-5	Et	H	H	CH_2Ph	^{i}Pr	F	H	F	OH	H	H
XVII-22-6	Et	H	H	CH_2-indol-3-yl	^{i}Pr	F	H	F	OH	H	H
XVII-22-7	Et	H	H	$CH_2CH_2SCH_3$	^{i}Pr	F	H	F	OH	H	H
XVII-22-8	Et	*	H	*	^{i}Pr	F	H	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XVII-23.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XVII-23-1	^{i}Pr	H	H	H	^{i}Pr	F	H	F	OH	H	H
XVII-23-2	^{i}Pr	H	H	CH_3	^{i}Pr	F	H	F	OH	H	H
XVII-23-3	^{i}Pr	H	H	$CH(CH_3)_2$	^{i}Pr	F	H	F	OH	H	H
XVII-23-4	^{i}Pr	H	H	$CH_2CH(CH_3)_2$	^{i}Pr	F	H	F	OH	H	H
XVII-23-5	^{i}Pr	H	H	CH_2Ph	^{i}Pr	F	H	F	OH	H	H
XVII-23-6	^{i}Pr	H	H	CH_2-indol-3-yl	^{i}Pr	F	H	F	OH	H	H
XVII-23-7	^{i}Pr	H	H	$CH_2CH_2SCH_3$	^{i}Pr	F	H	F	OH	H	H
XVII-23-8	^{i}Pr	*	H	*	^{i}Pr	F	H	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XVII-24.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XVII-24-1	^{t}Bu	H	H	H	^{i}Pr	F	H	F	OH	H	H
XVII-24-2	^{t}Bu	H	H	CH_3	^{i}Pr	F	H	F	OH	H	H
XVII-24-3	^{t}Bu	H	H	$CH(CH_3)_2$	^{i}Pr	F	H	F	OH	H	H
XVII-24-4	^{t}Bu	H	H	$CH_2CH(CH_3)_2$	^{i}Pr	F	H	F	OH	H	H
XVII-24-5	^{t}Bu	H	H	CH_2Ph	^{i}Pr	F	H	F	OH	H	H
XVII-24-6	^{t}Bu	H	H	CH_2-indol-3-yl	^{i}Pr	F	H	F	OH	H	H
XVII-24-7	^{t}Bu	H	H	$CH_2CH_2SCH_3$	^{i}Pr	F	H	F	OH	H	H
XVII-24-8	^{t}Bu	*	H	*	^{i}Pr	F	H	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XVII-25.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XVII-25-1	Ph	H	H	H	^{i}Pr	F	H	F	OH	H	H
XVII-25-2	Ph	H	H	CH_3	^{i}Pr	F	H	F	OH	H	H
XVII-25-3	Ph	H	H	$CH(CH_3)_2$	^{i}Pr	F	H	F	OH	H	H
XVII-25-4	Ph	H	H	$CH_2CH(CH_3)_2$	^{i}Pr	F	H	F	OH	H	H
XVII-25-5	Ph	H	H	CH_2Ph	^{i}Pr	F	H	F	OH	H	H
XVII-25-6	Ph	H	H	CH_2-indol-3-yl	^{i}Pr	F	H	F	OH	H	H
XVII-25-7	Ph	H	H	$CH_2CH_2SCH_3$	^{i}Pr	F	H	F	OH	H	H
XVII-25-8	Ph	*	H	*	^{i}Pr	F	H	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XVII-26.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XVII-26-1	p-Me-Ph	H	H	H	^{i}Pr	F	H	F	OH	H	H
XVII-26-2	p-Me-Ph	H	H	CH_3	^{i}Pr	F	H	F	OH	H	H
XVII-26-3	p-Me-Ph	H	H	$CH(CH_3)_2$	^{i}Pr	F	H	F	OH	H	H
XVII-26-4	p-Me-Ph	H	H	$CH_2CH(CH_3)_2$	^{i}Pr	F	H	F	OH	H	H
XVII-26-5	p-Me-Ph	H	H	CH_2Ph	^{i}Pr	F	H	F	OH	H	H
XVII-26-6	p-Me-Ph	H	H	CH_2-indol-3-yl	^{i}Pr	F	H	F	OH	H	H
XVII-26-7	p-Me-Ph	H	H	$CH_2CH_2SCH_3$	^{i}Pr	F	H	F	OH	H	H
XVII-26-8	p-Me-Ph	*	H	*	^{i}Pr	F	H	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XVII-27.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XVII-27-1	p-F-Ph	H	H	H	^{i}Pr	F	H	F	OH	H	H
XVII-27-2	p-F-Ph	H	H	CH_3	^{i}Pr	F	H	F	OH	H	H
XVII-27-3	p-F-Ph	H	H	$CH(CH_3)_2$	^{i}Pr	F	H	F	OH	H	H
XVII-27-4	p-F-Ph	H	H	$CH_2CH(CH_3)_2$	^{i}Pr	F	H	F	OH	H	H
XVII-27-5	p-F-Ph	H	H	CH_2Ph	^{i}Pr	F	H	F	OH	H	H
XVII-27-6	p-F-Ph	H	H	CH_2-indol-3-yl	^{i}Pr	F	H	F	OH	H	H
XVII-27-7	p-F-Ph	H	H	$CH_2CH_2SCH_3$	^{i}Pr	F	H	F	OH	H	H
XVII-27-8	p-F-Ph	*	H	*	^{i}Pr	F	H	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XVII-28.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XVII-28-1	p-Cl-Ph	H	H	H	^{i}Pr	F	H	F	OH	H	H
XVII-28-2	p-Cl-Ph	H	H	CH_3	^{i}Pr	F	H	F	OH	H	H
XVII-28-3	p-Cl-Ph	H	H	$CH(CH_3)_2$	^{i}Pr	F	H	F	OH	H	H
XVII-28-4	p-Cl-Ph	H	H	$CH_2CH(CH_3)_2$	^{i}Pr	F	H	F	OH	H	H
XVII-28-5	p-Cl-Ph	H	H	CH_2Ph	^{i}Pr	F	H	F	OH	H	H
XVII-28-6	p-Cl-Ph	H	H	CH_2-indol-3-yl	^{i}Pr	F	H	F	OH	H	H
XVII-28-7	p-Cl-Ph	H	H	$CH_2CH_2SCH_3$	^{i}Pr	F	H	F	OH	H	H
XVII-28-8	p-Cl-Ph	*	H	*	^{i}Pr	F	H	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XVII-29.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XVII-29-1	p-Br-Ph	H	H	H	^{i}Pr	F	H	F	OH	H	H
XVII-29-2	p-Br-Ph	H	H	CH_3	^{i}Pr	F	H	F	OH	H	H
XVII-29-3	p-Br-Ph	H	H	$CH(CH_3)_2$	^{i}Pr	F	H	F	OH	H	H
XVII-29-4	p-Br-Ph	H	H	$CH_2CH(CH_3)_2$	^{i}Pr	F	H	F	OH	H	H
XVII-29-5	p-Br-Ph	H	H	CH_2Ph	^{i}Pr	F	H	F	OH	H	H
XVII-29-6	p-Br-Ph	H	H	CH_2-indol-3-yl	^{i}Pr	F	H	F	OH	H	H
XVII-29-7	p-Br-Ph	H	H	$CH_2CH_2SCH_3$	^{i}Pr	F	H	F	OH	H	H
XVII-29-8	p-Br-Ph	*	H	*	^{i}Pr	F	H	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XVII-30.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XVII-30-1	p-I-Ph	H	H	H	^{i}Pr	F	H	F	OH	H	H
XVII-30-2	p-I-Ph	H	H	CH_3	^{i}Pr	F	H	F	OH	H	H
XVII-30-3	p-I-Ph	H	H	$CH(CH_3)_2$	^{i}Pr	F	H	F	OH	H	H
XVII-30-4	p-I-Ph	H	H	$CH_2CH(CH_3)_2$	^{i}Pr	F	H	F	OH	H	H
XVII-30-5	p-I-Ph	H	H	CH_2Ph	^{i}Pr	F	H	F	OH	H	H
XVII-30-6	p-I-Ph	H	H	CH_2-indol-3-yl	^{i}Pr	F	H	F	OH	H	H
XVII-30-7	p-I-Ph	H	H	$CH_2CH_2SCH_3$	^{i}Pr	F	H	F	OH	H	H
XVII-30-8	p-I-Ph	*	H	*	^{i}Pr	F	H	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XVII-31.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XVII-31-1	CH_3	H	H	H	^{n}Bu	F	H	F	OH	H	H
XVII-31-2	CH_3	H	H	CH_3	^{n}Bu	F	H	F	OH	H	H
XVII-31-3	CH_3	H	H	$CH(CH_3)_2$	^{n}Bu	F	H	F	OH	H	H
XVII-31-4	CH_3	H	H	$CH_2CH(CH_3)_2$	^{n}Bu	F	H	F	OH	H	H
XVII-31-5	CH_3	H	H	CH_2Ph	^{n}Bu	F	H	F	OH	H	H
XVII-31-6	CH_3	H	H	CH_2-indol-3-yl	^{n}Bu	F	H	F	OH	H	H
XVII-31-7	CH_3	H	H	$CH_2CH_2SCH_3$	^{n}Bu	F	H	F	OH	H	H
XVII-31-8	CH_3	*	H	*	^{n}Bu	F	H	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XVII-32.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XVII-32-1	Et	H	H	H	^{n}Bu	F	H	F	OH	H	H
XVII-32-2	Et	H	H	CH_3	^{n}Bu	F	H	F	OH	H	H
XVII-32-3	Et	H	H	$CH(CH_3)_2$	^{n}Bu	F	H	F	OH	H	H
XVII-32-4	Et	H	H	$CH_2CH(CH_3)_2$	^{n}Bu	F	H	F	OH	H	H
XVII-32-5	Et	H	H	CH_2Ph	^{n}Bu	F	H	F	OH	H	H
XVII-32-6	Et	H	H	CH_2-indol-3-yl	^{n}Bu	F	H	F	OH	H	H
XVII-32-7	Et	H	H	$CH_2CH_2SCH_3$	^{n}Bu	F	H	F	OH	H	H
XVII-32-8	Et	*	H	*	^{n}Bu	F	H	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XVII-33.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XVII-33-1	^{i}Pr	H	H	H	^{n}Bu	F	H	F	OH	H	H
XVII-33-2	^{i}Pr	H	H	CH_3	^{n}Bu	F	H	F	OH	H	H
XVII-33-3	^{i}Pr	H	H	$CH(CH_3)_2$	^{n}Bu	F	H	F	OH	H	H
XVII-33-4	^{i}Pr	H	H	$CH_2CH(CH_3)_2$	^{n}Bu	F	H	F	OH	H	H
XVII-33-5	^{i}Pr	H	H	CH_2Ph	^{n}Bu	F	H	F	OH	H	H
XVII-33-6	^{i}Pr	H	H	CH_2-indol-3-yl	^{n}Bu	F	H	F	OH	H	H
XVII-33-7	^{i}Pr	H	H	$CH_2CH_2SCH_3$	^{n}Bu	F	H	F	OH	H	H
XVII-33-8	^{i}Pr	*	H	*	^{n}Bu	F	H	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XVII-34.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XVII-34-1	^{t}Bu	H	H	H	^{n}Bu	F	H	F	OH	H	H
XVII-34-2	^{t}Bu	H	H	CH_3	^{n}Bu	F	H	F	OH	H	H
XVII-34-3	^{t}Bu	H	H	$CH(CH_3)_2$	^{n}Bu	F	H	F	OH	H	H
XVII-34-4	^{t}Bu	H	H	$CH_2CH(CH_3)_2$	^{n}Bu	F	H	F	OH	H	H
XVII-34-5	^{t}Bu	H	H	CH_2Ph	^{n}Bu	F	H	F	OH	H	H
XVII-34-6	^{t}Bu	H	H	CH_2-indol-3-yl	^{n}Bu	F	H	F	OH	H	H
XVII-34-7	^{t}Bu	H	H	$CH_2CH_2SCH_3$	^{n}Bu	F	H	F	OH	H	H
XVII-34-8	^{t}Bu	*	H	*	^{n}Bu	F	H	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XVII-35.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XVII-35-1	Ph	H	H	H	^{n}Bu	F	H	F	OH	H	H
XVII-35-2	Ph	H	H	CH_3	^{n}Bu	F	H	F	OH	H	H
XVII-35-3	Ph	H	H	$CH(CH_3)_2$	^{n}Bu	F	H	F	OH	H	H
XVII-35-4	Ph	H	H	$CH_2CH(CH_3)_2$	^{n}Bu	F	H	F	OH	H	H
XVII-35-5	Ph	H	H	CH_2Ph	^{n}Bu	F	H	F	OH	H	H
XVII-35-6	Ph	H	H	CH_2-indol-3-yl	^{n}Bu	F	H	F	OH	H	H
XVII-35-7	Ph	H	H	$CH_2CH_2SCH_3$	^{n}Bu	F	H	F	OH	H	H
XVII-35-8	Ph	*	H	*	^{n}Bu	F	H	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XVII-36.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XVII-36-1	p-Me-Ph	H	H	H	^{n}Bu	F	H	F	OH	H	H
XVII-36-2	p-Me-Ph	H	H	CH_3	^{n}Bu	F	H	F	OH	H	H
XVII-36-3	p-Me-Ph	H	H	$CH(CH_3)_2$	^{n}Bu	F	H	F	OH	H	H
XVII-36-4	p-Me-Ph	H	H	$CH_2CH(CH_3)_2$	^{n}Bu	F	H	F	OH	H	H
XVII-36-5	p-Me-Ph	H	H	CH_2Ph	^{n}Bu	F	H	F	OH	H	H
XVII-36-6	p-Me-Ph	H	H	CH_2-indol-3-yl	^{n}Bu	F	H	F	OH	H	H
XVII-36-7	p-Me-Ph	H	H	$CH_2CH_2SCH_3$	^{n}Bu	F	H	F	OH	H	H
XVII-36-8	p-Me-Ph	*	H	*	^{n}Bu	F	H	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XVII-37.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XVII-37-1	p-F-Ph	H	H	H	^{n}Bu	F	H	F	OH	H	H
XVII-37-2	p-F-Ph	H	H	CH_3	^{n}Bu	F	H	F	OH	H	H
XVII-37-3	p-F-Ph	H	H	$CH(CH_3)_2$	^{n}Bu	F	H	F	OH	H	H
XVII-37-4	p-F-Ph	H	H	$CH_2CH(CH_3)_2$	^{n}Bu	F	H	F	OH	H	H
XVII-37-5	p-F-Ph	H	H	CH_2Ph	^{n}Bu	F	H	F	OH	H	H
XVII-37-6	p-F-Ph	H	H	CH_2-indol-3-yl	^{n}Bu	F	H	F	OH	H	H
XVII-37-7	p-F-Ph	H	H	$CH_2CH_2SCH_3$	^{n}Bu	F	H	F	OH	H	H
XVII-37-8	p-F-Ph	*	H	*	^{n}Bu	F	H	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XVII-38.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XVII-38-1	p-Cl-Ph	H	H	H	^{n}Bu	F	H	F	OH	H	H
XVII-38-2	p-Cl-Ph	H	H	CH_3	^{n}Bu	F	H	F	OH	H	H
XVII-38-3	p-Cl-Ph	H	H	$CH(CH_3)_2$	^{n}Bu	F	H	F	OH	H	H
XVII-38-4	p-Cl-Ph	H	H	$CH_2CH(CH_3)_2$	^{n}Bu	F	H	F	OH	H	H
XVII-38-5	p-Cl-Ph	H	H	CH_2Ph	^{n}Bu	F	H	F	OH	H	H
XVII-38-6	p-Cl-Ph	H	H	CH_2-indol-3-yl	^{n}Bu	F	H	F	OH	H	H
XVII-38-7	p-Cl-Ph	H	H	$CH_2CH_2SCH_3$	^{n}Bu	F	H	F	OH	H	H
XVII-38-8	p-Cl-Ph	*	H	*	^{n}Bu	F	H	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XVII-39.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XVII-39-1	p-Br-Ph	H	H	H	^{n}Bu	F	H	F	OH	H	H
XVII-39-2	p-Br-Ph	H	H	CH_3	^{n}Bu	F	H	F	OH	H	H
XVII-39-3	p-Br-Ph	H	H	$CH(CH_3)_2$	^{n}Bu	F	H	F	OH	H	H
XVII-39-4	p-Br-Ph	H	H	$CH_2CH(CH_3)_2$	^{n}Bu	F	H	F	OH	H	H
XVII-39-5	p-Br-Ph	H	H	CH_2Ph	^{n}Bu	F	H	F	OH	H	H
XVII-39-6	p-Br-Ph	H	H	CH_2-indol-3-yl	^{n}Bu	F	H	F	OH	H	H
XVII-39-7	p-Br-Ph	H	H	$CH_2CH_2SCH_3$	^{n}Bu	F	H	F	OH	H	H
XVII-39-8	p-Br-Ph	*	H	*	^{n}Bu	F	H	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XVII-40.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XVII-40-1	p-I-Ph	H	H	H	^{n}Bu	F	H	F	OH	H	H
XVII-40-2	p-I-Ph	H	H	CH_3	^{n}Bu	F	H	F	OH	H	H
XVII-40-3	p-I-Ph	H	H	$CH(CH_3)_2$	^{n}Bu	F	H	F	OH	H	H
XVII-40-4	p-I-Ph	H	H	$CH_2CH(CH_3)_2$	^{n}Bu	F	H	F	OH	H	H
XVII-40-5	p-I-Ph	H	H	CH_2Ph	^{n}Bu	F	H	F	OH	H	H
XVII-40-6	p-I-Ph	H	H	CH_2-indol-3-yl	^{n}Bu	F	H	F	OH	H	H
XVII-40-7	p-I-Ph	H	H	$CH_2CH_2SCH_3$	^{n}Bu	F	H	F	OH	H	H
XVII-40-8	p-I-Ph	*	H	*	^{n}Bu	F	H	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XVII-41.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XVII-41-1	CH_3	H	H	H	Bz	F	H	F	OH	H	H
XVII-41-2	CH_3	H	H	CH_3	Bz	F	H	F	OH	H	H
XVII-41-3	CH_3	H	H	$CH(CH_3)_2$	Bz	F	H	F	OH	H	H
XVII-41-4	CH_3	H	H	$CH_2CH(CH_3)_2$	Bz	F	H	F	OH	H	H
XVII-41-5	CH_3	H	H	CH_2Ph	Bz	F	H	F	OH	H	H
XVII-41-6	CH_3	H	H	CH_2-indol-3-yl	Bz	F	H	F	OH	H	H
XVII-41-7	CH_3	H	H	$CH_2CH_2SCH_3$	Bz	F	H	F	OH	H	H
XVII-41-8	CH_3	*	H	*	Bz	F	H	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XVII-42.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XVII-42-1	Et	H	H	H	Bz	F	H	F	OH	H	H
XVII-42-2	Et	H	H	CH_3	Bz	F	H	F	OH	H	H
XVII-42-3	Et	H	H	$CH(CH_3)_2$	Bz	F	H	F	OH	H	H
XVII-42-4	Et	H	H	$CH_2CH(CH_3)_2$	Bz	F	H	F	OH	H	H
XVII-42-5	Et	H	H	CH_2Ph	Bz	F	H	F	OH	H	H
XVII-42-6	Et	H	H	CH_2-indol-3-yl	Bz	F	H	F	OH	H	H
XVII-42-7	Et	H	H	$CH_2CH_2SCH_3$	Bz	F	H	F	OH	H	H
XVII-42-8	Et	*	H	*	Bz	F	H	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XVII-43.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XVII-43-1	^{i}Pr	H	H	H	Bz	F	H	F	OH	H	H
XVII-43-2	^{i}Pr	H	H	CH_3	Bz	F	H	F	OH	H	H
XVII-43-3	^{i}Pr	H	H	$CH(CH_3)_2$	Bz	F	H	F	OH	H	H
XVII-43-4	^{i}Pr	H	H	$CH_2CH(CH_3)_2$	Bz	F	H	F	OH	H	H
XVII-43-5	^{i}Pr	H	H	CH_2Ph	Bz	F	H	F	OH	H	H
XVII-43-6	^{i}Pr	H	H	CH_2-indol-3-yl	Bz	F	H	F	OH	H	H
XVII-43-7	^{i}Pr	H	H	$CH_2CH_2SCH_3$	Bz	F	H	F	OH	H	H
XVII-43-8	^{i}Pr	*	H	*	Bz	F	H	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XVII-44.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XVII-44-1	^{t}Bu	H	H	H	Bz	F	H	F	OH	H	H
XVII-44-2	^{t}Bu	H	H	CH_3	Bz	F	H	F	OH	H	H
XVII-44-3	^{t}Bu	H	H	$CH(CH_3)_2$	Bz	F	H	F	OH	H	H
XVII-44-4	^{t}Bu	H	H	$CH_2CH(CH_3)_2$	Bz	F	H	F	OH	H	H
XVII-44-5	^{t}Bu	H	H	CH_2Ph	Bz	F	H	F	OH	H	H
XVII-44-6	^{t}Bu	H	H	CH_2-indol-3-yl	Bz	F	H	F	OH	H	H
XVII-44-7	^{t}Bu	H	H	$CH_2CH_2SCH_3$	Bz	F	H	F	OH	H	H
XVII-44-8	^{t}Bu	*	H	*	Bz	F	H	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XVII-45.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XVII-45-1	Ph	H	H	H	Bz	F	H	F	OH	H	H
XVII-45-2	Ph	H	H	CH_3	Bz	F	H	F	OH	H	H
XVII-45-3	Ph	H	H	$CH(CH_3)_2$	Bz	F	H	F	OH	H	H
XVII-45-4	Ph	H	H	$CH_2CH(CH_3)_2$	Bz	F	H	F	OH	H	H
XVII-45-5	Ph	H	H	CH_2Ph	Bz	F	H	F	OH	H	H
XVII-45-6	Ph	H	H	CH_2-indol-3-yl	Bz	F	H	F	OH	H	H
XVII-45-7	Ph	H	H	$CH_2CH_2SCH_3$	Bz	F	H	F	OH	H	H
XVII-45-8	Ph	*	H	*	Bz	F	H	F	OH	H	H

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*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XVII-46.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XVII-46-1	p-Me-Ph	H	H	H	Bz	F	H	F	OH	H	H
XVII-46-2	p-Me-Ph	H	H	CH_3	Bz	F	H	F	OH	H	H
XVII-46-3	p-Me-Ph	H	H	$CH(CH_3)_2$	Bz	F	H	F	OH	H	H
XVII-46-4	p-Me-Ph	H	H	$CH_2CH(CH_3)_2$	Bz	F	H	F	OH	H	H
XVII-46-5	p-Me-Ph	H	H	CH_2Ph	Bz	F	H	F	OH	H	H
XVII-46-6	p-Me-Ph	H	H	CH_2-indol-3-yl	Bz	F	H	F	OH	H	H
XVII-46-7	p-Me-Ph	H	H	$CH_2CH_2SCH_3$	Bz	F	H	F	OH	H	H
XVII-46-8	p-Me-Ph	*	H	*	Bz	F	H	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XVII-47.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XVII-47-1	p-F-Ph	H	H	H	Bz	F	H	F	OH	H	H
XVII-47-2	p-F-Ph	H	H	CH_3	Bz	F	H	F	OH	H	H
XVII-47-3	p-F-Ph	H	H	$CH(CH_3)_2$	Bz	F	H	F	OH	H	H
XVII-47-4	p-F-Ph	H	H	$CH_2CH(CH_3)_2$	Bz	F	H	F	OH	H	H
XVII-47-5	p-F-Ph	H	H	CH_2Ph	Bz	F	H	F	OH	H	H
XVII-47-6	p-F-Ph	H	H	CH_2-indol-3-yl	Bz	F	H	F	OH	H	H
XVII-47-7	p-F-Ph	H	H	$CH_2CH_2SCH_3$	Bz	F	H	F	OH	H	H
XVII-47-8	p-F-Ph	*	H	*	Bz	F	H	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XVII-48.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XVII-48-1	p-Cl-Ph	H	H	H	Bz	F	H	F	OH	H	H
XVII-48-2	p-Cl-Ph	H	H	CH_3	Bz	F	H	F	OH	H	H
XVII-48-3	p-Cl-Ph	H	H	$CH(CH_3)_2$	Bz	F	H	F	OH	H	H
XVII-48-4	p-Cl-Ph	H	H	$CH_2CH(CH_3)_2$	Bz	F	H	F	OH	H	H
XVII-48-5	p-Cl-Ph	H	H	CH_2Ph	Bz	F	H	F	OH	H	H
XVII-48-6	p-Cl-Ph	H	H	CH_2-indol-3-yl	Bz	F	H	F	OH	H	H
XVII-48-7	p-Cl-Ph	H	H	$CH_2CH_2SCH_3$	Bz	F	H	F	OH	H	H

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№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XVII-48-8	p-Cl-Ph	*	H	*	Bz	F	H	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XVII-49.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XVII-49-1	p-Br-Ph	H	H	H	Bz	F	H	F	OH	H	H
XVII-49-2	p-Br-Ph	H	H	CH_3	Bz	F	H	F	OH	H	H
XVII-49-3	p-Br-Ph	H	H	$CH(CH_3)_2$	Bz	F	H	F	OH	H	H
XVII-49-4	p-Br-Ph	H	H	$CH_2CH(CH_3)_2$	Bz	F	H	F	OH	H	H
XVII-49-5	p-Br-Ph	H	H	CH_2Ph	Bz	F	H	F	OH	H	H
XVII-49-6	p-Br-Ph	H	H	CH_2-indol-3-yl	Bz	F	H	F	OH	H	H
XVII-49-7	p-Br-Ph	H	H	$CH_2CH_2SCH_3$	Bz	F	H	F	OH	H	H
XVII-49-8	p-Br-Ph	*	H	*	Bz	F	H	F	OH	H	H

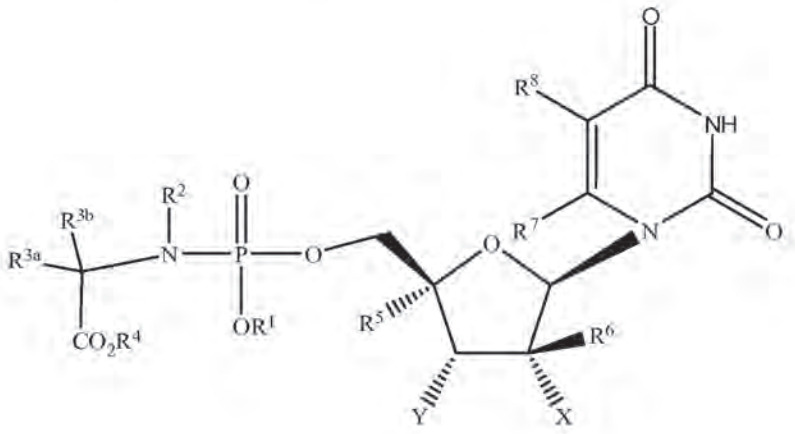
*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XVII-50.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XVII-50-1	p-I-Ph	H	H	H	Bz	F	H	F	OH	H	H
XVII-50-2	p-I-Ph	H	H	CH_3	Bz	F	H	F	OH	H	H
XVII-50-3	p-I-Ph	H	H	$CH(CH_3)_2$	Bz	F	H	F	OH	H	H
XVII-50-4	p-I-Ph	H	H	$CH_2CH(CH_3)_2$	Bz	F	H	F	OH	H	H
XVII-50-5	p-I-Ph	H	H	CH_2Ph	Bz	F	H	F	OH	H	H
XVII-50-6	p-I-Ph	H	H	CH_2-indol-3-yl	Bz	F	H	F	OH	H	H
XVII-50-7	p-I-Ph	H	H	$CH_2CH_2SCH_3$	Bz	F	H	F	OH	H	H
XVII-50-8	p-I-Ph	*	H	*	Bz	F	H	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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XVIII

Table XVIII-1.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XVIII-1-1	CH_3	H	H	H	CH_3	OCH_3	F	H	OH	H	H
XVIII-1-2	CH_3	H	H	CH_3	CH_3	OCH_3	F	H	OH	H	H
XVIII-1-3	CH_3	H	H	$CH(CH_3)_2$	CH_3	OCH_3	F	H	OH	H	H
XVIII-1-4	CH_3	H	H	$CH_2CH(CH_3)_2$	CH_3	OCH_3	F	H	OH	H	H
XVIII-1-5	CH_3	H	H	CH_2Ph	CH_3	OCH_3	F	H	OH	H	H
XVIII-1-6	CH_3	H	H	CH_2-indol-3-yl	CH_3	OCH_3	F	H	OH	H	H
XVIII-1-7	CH_3	H	H	$CH_2CH_2SCH_3$	CH_3	OCH_3	F	H	OH	H	H
XVIII-1-8	CH_3	*	H	*	CH_3	OCH_3	F	H	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XVIII-2.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XVIII-2-1	Et	H	H	H	CH_3	OCH_3	F	H	OH	H	H
XVIII-2-2	Et	H	H	CH_3	CH_3	OCH_3	F	H	OH	H	H
XVIII-2-3	Et	H	H	$CH(CH_3)_2$	CH_3	OCH_3	F	H	OH	H	H
XVIII-2-4	Et	H	H	$CH_2CH(CH_3)_2$	CH_3	OCH_3	F	H	OH	H	H
XVIII-2-5	Et	H	H	CH_2Ph	CH_3	OCH_3	F	H	OH	H	H
XVIII-2-6	Et	H	H	CH_2-indol-3-yl	CH_3	OCH_3	F	H	OH	H	H
XVIII-2-7	Et	H	H	$CH_2CH_2SCH_3$	CH_3	OCH_3	F	H	OH	H	H
XVIII-2-8	Et	*	H	*	CH_3	OCH_3	F	H	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XVIII-3.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XVIII-3-1	^{i}Pr	H	H	H	CH_3	OCH_3	F	H	OH	H	H
XVIII-3-2	^{i}Pr	H	H	CH_3	CH_3	OCH_3	F	H	OH	H	H
XVIII-3-3	^{i}Pr	H	H	$CH(CH_3)_2$	CH_3	OCH_3	F	H	OH	H	H
XVIII-3-4	^{i}Pr	H	H	$CH_2CH(CH_3)_2$	CH_3	OCH_3	F	H	OH	H	H
XVIII-3-5	^{i}Pr	H	H	CH_2Ph	CH_3	OCH_3	F	H	OH	H	H
XVIII-3-6	^{i}Pr	H	H	CH_2-indol-3-yl	CH_3	OCH_3	F	H	OH	H	H
XVIII-3-7	^{i}Pr	H	H	$CH_2CH_2SCH_3$	CH_3	OCH_3	F	H	OH	H	H
XVIII-3-8	^{i}Pr	*	H	*	CH_3	OCH_3	F	H	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XVIII-4.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XVIII-4-1	^{t}Bu	H	H	H	CH_3	OCH_3	F	H	OH	H	H
XVIII-4-2	^{t}Bu	H	H	CH_3	CH_3	OCH_3	F	H	OH	H	H
XVIII-4-3	^{t}Bu	H	H	$CH(CH_3)_2$	CH_3	OCH_3	F	H	OH	H	H
XVIII-4-4	^{t}Bu	H	H	$CH_2CH(CH_3)_2$	CH_3	OCH_3	F	H	OH	H	H
XVIII-4-5	^{t}Bu	H	H	CH_2Ph	CH_3	OCH_3	F	H	OH	H	H
XVIII-4-6	^{t}Bu	H	H	CH_2-indol-3-yl	CH_3	OCH_3	F	H	OH	H	H
XVIII-4-7	^{t}Bu	H	H	$CH_2CH_2SCH_3$	CH_3	OCH_3	F	H	OH	H	H
XVIII-4-8	^{t}Bu	*	H	*	CH_3	OCH_3	F	H	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XVIII-5.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XVIII-5-1	Ph	H	H	H	CH_3	OCH_3	F	H	OH	H	H
XVIII-5-2	Ph	H	H	CH_3	CH_3	OCH_3	F	H	OH	H	H
XVIII-5-3	Ph	H	H	$CH(CH_3)_2$	CH_3	OCH_3	F	H	OH	H	H
XVIII-5-4	Ph	H	H	$CH_2CH(CH_3)_2$	CH_3	OCH_3	F	H	OH	H	H
XVIII-5-5	Ph	H	H	CH_2Ph	CH_3	OCH_3	F	H	OH	H	H
XVIII-5-6	Ph	H	H	CH_2-indol-3-yl	CH_3	OCH_3	F	H	OH	H	H
XVIII-5-7	Ph	H	H	$CH_2CH_2SCH_3$	CH_3	OCH_3	F	H	OH	H	H
XVIII-5-8	Ph	*	H	*	CH_3	OCH_3	F	H	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XVIII-6.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XVIII-6-1	p-Me-Ph	H	H	H	CH_3	OCH_3	F	H	OH	H	H
XVIII-6-2	p-Me-Ph	H	H	CH_3	CH_3	OCH_3	F	H	OH	H	H
XVIII-6-3	p-Me-Ph	H	H	$CH(CH_3)_2$	CH_3	OCH_3	F	H	OH	H	H
XVIII-6-4	p-Me-Ph	H	H	$CH_2CH(CH_3)_2$	CH_3	OCH_3	F	H	OH	H	H
XVIII-6-5	p-Me-Ph	H	H	CH_2Ph	CH_3	OCH_3	F	H	OH	H	H
XVIII-6-6	p-Me-Ph	H	H	CH_2-indol-3-yl	CH_3	OCH_3	F	H	OH	H	H
XVIII-6-7	p-Me-Ph	H	H	$CH_2CH_2SCH_3$	CH_3	OCH_3	F	H	OH	H	H
XVIII-6-8	p-Me-Ph	*	H	*	CH_3	OCH_3	F	H	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XVIII-7.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XVIII-7-1	p-F-Ph	H	H	H	CH_3	OCH_3	F	H	OH	H	H
XVIII-7-2	p-F-Ph	H	H	CH_3	CH_3	OCH_3	F	H	OH	H	H
XVIII-7-3	p-F-Ph	H	H	$CH(CH_3)_2$	CH_3	OCH_3	F	H	OH	H	H
XVIII-7-4	p-F-Ph	H	H	$CH_2CH(CH_3)_2$	CH_3	OCH_3	F	H	OH	H	H
XVIII-7-6	p-F-Ph	H	H	CH_2Ph	CH_3	OCH_3	F	H	OH	H	H
XVIII-7-7	p-F-Ph	H	H	CH_2-indol-3-yl	CH_3	OCH_3	F	H	OH	H	H
XVIII-7-8	p-F-Ph	H	H	$CH_2CH_2SCH_3$	CH_3	OCH_3	F	H	OH	H	H
XVIII-7-20	p-F-Ph	*	H	*	CH_3	OCH_3	F	H	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XVIII-8.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XVIII-8-1	p-Cl-Ph	H	H	H	CH_3	OCH_3	F	H	OH	H	H
XVIII-8-2	p-Cl-Ph	H	H	CH_3	CH_3	OCH_3	F	H	OH	H	H
XVIII-8-3	p-Cl-Ph	H	H	$CH(CH_3)_2$	CH_3	OCH_3	F	H	OH	H	H
XVIII-8-4	p-Cl-Ph	H	H	$CH_2CH(CH_3)_2$	CH_3	OCH_3	F	H	OH	H	H
XVIII-8-5	p-Cl-Ph	H	H	CH_2Ph	CH_3	OCH_3	F	H	OH	H	H
XVIII-8-6	p-Cl-Ph	H	H	CH_2-indol-3-yl	CH_3	OCH_3	F	H	OH	H	H
XVIII-8-7	p-Cl-Ph	H	H	$CH_2CH_2SCH_3$	CH_3	OCH_3	F	H	OH	H	H
XVIII-8-8	p-Cl-Ph	*	H	*	CH_3	OCH_3	F	H	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XVIII-9.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XVIII-9-1	p-Br-Ph	H	H	H	CH_3	OCH_3	F	H	OH	H	H
XVIII-9-2	p-Br-Ph	H	H	CH_3	CH_3	OCH_3	F	H	OH	H	H
XVIII-9-3	p-Br-Ph	H	H	$CH(CH_3)_2$	CH_3	OCH_3	F	H	OH	H	H
XVIII-9-4	p-Br-Ph	H	H	$CH_2CH(CH_3)_2$	CH_3	OCH_3	F	H	OH	H	H
XVIII-9-6	p-Br-Ph	H	H	CH_2Ph	CH_3	OCH_3	F	H	OH	H	H
XVIII-9-7	p-Br-Ph	H	H	CH_2-indol-3-yl	CH_3	OCH_3	F	H	OH	H	H
XVIII-9-8	p-Br-Ph	H	H	$CH_2CH_2SCH_3$	CH_3	OCH_3	F	H	OH	H	H
XVIII-9-20	p-Br-Ph	*	H	*	CH_3	OCH_3	F	H	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XVIII-10.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XVIII-10-1	p-I-Ph	H	H	H	CH_3	OCH_3	F	H	OH	H	H
XVIII-10-2	p-I-Ph	H	H	CH_3	CH_3	OCH_3	F	H	OH	H	H
XVIII-10-3	p-I-Ph	H	H	$CH(CH_3)_2$	CH_3	OCH_3	F	H	OH	H	H
XVIII-10-4	p-I-Ph	H	H	$CH_2CH(CH_3)_2$	CH_3	OCH_3	F	H	OH	H	H
XVIII-10-5	p-I-Ph	H	H	CH_2Ph	CH_3	OCH_3	F	H	OH	H	H
XVIII-10-6	p-I-Ph	H	H	CH_2-indol-3-yl	CH_3	OCH_3	F	H	OH	H	H
XVIII-10-7	p-I-Ph	H	H	$CH_2CH_2SCH_3$	CH_3	OCH_3	F	H	OH	H	H
XVIII-10-8	p-I-Ph	*	H	*	CH_3	OCH_3	F	H	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XVIII-11.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XVIII-11-1	CH_3	H	H	H	Et	OCH_3	F	H	OH	H	H
XVIII-11-2	CH_3	H	H	CH_3	Et	OCH_3	F	H	OH	H	H
XVIII-11-3	CH_3	H	H	$CH(CH_3)_2$	Et	OCH_3	F	H	OH	H	H
XVIII-11-4	CH_3	H	H	$CH_2CH(CH_3)_2$	Et	OCH_3	F	H	OH	H	H
XVIII-11-5	CH_3	H	H	CH_2Ph	Et	OCH_3	F	H	OH	H	H
XVIII-11-6	CH_3	H	H	CH_2-indol-3-yl	Et	OCH_3	F	H	OH	H	H
XVIII-11-7	CH_3	H	H	$CH_2CH_2SCH_3$	Et	OCH_3	F	H	OH	H	H
XVIII-11-8	CH_3	*	H	*	Et	OCH_3	F	H	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XVIII-12.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XVIII-12-1	Et	H	H	H	Et	OCH_3	F	H	OH	H	H
XVIII-12-2	Et	H	H	CH_3	Et	OCH_3	F	H	OH	H	H
XVIII-12-3	Et	H	H	$CH(CH_3)_2$	Et	OCH_3	F	H	OH	H	H
XVIII-12-4	Et	H	H	$CH_2CH(CH_3)_2$	Et	OCH_3	F	H	OH	H	H
XVIII-12-5	Et	H	H	CH_2Ph	Et	OCH_3	F	H	OH	H	H
XVIII-12-6	Et	H	H	CH_2-indol-3-yl	Et	OCH_3	F	H	OH	H	H
XVIII-12-7	Et	H	H	$CH_2CH_2SCH_3$	Et	OCH_3	F	H	OH	H	H
XVIII-12-8	Et	*	H	*	Et	OCH_3	F	H	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XVIII-13.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XVIII-13-1	^{i}Pr	H	H	H	Et	OCH_3	F	H	OH	H	H
XVIII-13-2	^{i}Pr	H	H	CH_3	Et	OCH_3	F	H	OH	H	H
XVIII-13-3	^{i}Pr	H	H	$CH(CH_3)_2$	Et	OCH_3	F	H	OH	H	H
XVIII-13-4	^{i}Pr	H	H	$CH_2CH(CH_3)_2$	Et	OCH_3	F	H	OH	H	H
XVIII-13-5	^{i}Pr	H	H	CH_2Ph	Et	OCH_3	F	H	OH	H	H
XVIII-13-6	^{i}Pr	H	H	CH_2-indol-3-yl	Et	OCH_3	F	H	OH	H	H
XVIII-13-7	^{i}Pr	H	H	$CH_2CH_2SCH_3$	Et	OCH_3	F	H	OH	H	H
XVIII-13-8	^{i}Pr	*	H	*	Et	OCH_3	F	H	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XVIII-14.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XVIII-14-1	^{t}Bu	H	H	H	Et	OCH_3	F	H	OH	H	H
XVIII-14-2	^{t}Bu	H	H	CH_3	Et	OCH_3	F	H	OH	H	H
XVIII-14-3	^{t}Bu	H	H	$CH(CH_3)_2$	Et	OCH_3	F	H	OH	H	H
XVIII-14-4	^{t}Bu	H	H	$CH_2CH(CH_3)_2$	Et	OCH_3	F	H	OH	H	H
XVIII-14-5	^{t}Bu	H	H	CH_2Ph	Et	OCH_3	F	H	OH	H	H
XVIII-14-6	^{t}Bu	H	H	CH_2-indol-3-yl	Et	OCH_3	F	H	OH	H	H
XVIII-14-7	^{t}Bu	H	H	$CH_2CH_2SCH_3$	Et	OCH_3	F	H	OH	H	H
XVIII-14-8	^{t}Bu	*	H	*	Et	OCH_3	F	H	OH	H	H

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*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XVIII-15.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XVIII-15-1	Ph	H	H	H	Et	OCH_3	F	H	OH	H	H
XVIII-15-2	Ph	H	H	CH_3	Et	OCH_3	F	H	OH	H	H
XVIII-15-3	Ph	H	H	$CH(CH_3)_2$	Et	OCH_3	F	H	OH	H	H
XVIII-15-4	Ph	H	H	$CH_2CH(CH_3)_2$	Et	OCH_3	F	H	OH	H	H
XVIII-15-5	Ph	H	H	CH_2Ph	Et	OCH_3	F	H	OH	H	H
XVIII-15-6	Ph	H	H	CH_2-indol-3-yl	Et	OCH_3	F	H	OH	H	H
XVIII-15-7	Ph	H	H	$CH_2CH_2SCH_3$	Et	OCH_3	F	H	OH	H	H
XVIII-15-8	Ph	*	H	*	Et	OCH_3	F	H	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XVIII-16.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XVIII-16-1	p-Me-Ph	H	H	H	Et	OCH_3	F	H	OH	H	H
XVIII-16-2	p-Me-Ph	H	H	CH_3	Et	OCH_3	F	H	OH	H	H
XVIII-16-3	p-Me-Ph	H	H	$CH(CH_3)_2$	Et	OCH_3	F	H	OH	H	H
XVIII-16-4	p-Me-Ph	H	H	$CH_2CH(CH_3)_2$	Et	OCH_3	F	H	OH	H	H
XVIII-16-5	p-Me-Ph	H	H	CH_2Ph	Et	OCH_3	F	H	OH	H	H
XVIII-16-6	p-Me-Ph	H	H	CH_2-indol-3-yl	Et	OCH_3	F	H	OH	H	H
XVIII-16-7	p-Me-Ph	H	H	$CH_2CH_2SCH_3$	Et	OCH_3	F	H	OH	H	H
XVIII-16-8	p-Me-Ph	*	H	*	Et	OCH_3	F	H	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XVIII-17.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XVIII-17-1	p-F-Ph	H	H	H	Et	OCH_3	F	H	OH	H	H
XVIII-17-2	p-F-Ph	H	H	CH_3	Et	OCH_3	F	H	OH	H	H
XVIII-17-3	p-F-Ph	H	H	$CH(CH_3)_2$	Et	OCH_3	F	H	OH	H	H
XVIII-17-4	p-F-Ph	H	H	$CH_2CH(CH_3)_2$	Et	OCH_3	F	H	OH	H	H
XVIII-17-5	p-F-Ph	H	H	CH_2Ph	Et	OCH_3	F	H	OH	H	H
XVIII-17-6	p-F-Ph	H	H	CH_2-indol-3-yl	Et	OCH_3	F	H	OH	H	H
XVIII-17-7	p-F-Ph	H	H	$CH_2CH_2SCH_3$	Et	OCH_3	F	H	OH	H	H

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№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XVIII-17-8	p-F-Ph	*	H	*	Et	OCH_3	F	H	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XVIII-18.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XVIII-18-1	p-Cl-Ph	H	H	H	Et	OCH_3	F	H	OH	H	H
XVIII-18-2	p-Cl-Ph	H	H	CH_3	Et	OCH_3	F	H	OH	H	H
XVIII-18-3	p-Cl-Ph	H	H	$CH(CH_3)_2$	Et	OCH_3	F	H	OH	H	H
XVIII-18-4	p-Cl-Ph	H	H	$CH_2CH(CH_3)_2$	Et	OCH_3	F	H	OH	H	H
XVIII-18-5	p-Cl-Ph	H	H	CH_2Ph	Et	OCH_3	F	H	OH	H	H
XVIII-18-6	p-Cl-Ph	H	H	CH_2-indol-3-yl	Et	OCH_3	F	H	OH	H	H
XVIII-18-7	p-Cl-Ph	H	H	$CH_2CH_2SCH_3$	Et	OCH_3	F	H	OH	H	H
XVIII-18-8	p-Cl-Ph	*	H	*	Et	OCH_3	F	H	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XVIII-19.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XVIII-19-1	p-Br-Ph	H	H	H	Et	OCH_3	F	H	OH	H	H
XVIII-19-2	p-Br-Ph	H	H	CH_3	Et	OCH_3	F	H	OH	H	H
XVIII-19-3	p-Br-Ph	H	H	$CH(CH_3)_2$	Et	OCH_3	F	H	OH	H	H
XVIII-19-4	p-Br-Ph	H	H	$CH_2CH(CH_3)_2$	Et	OCH_3	F	H	OH	H	H
XVIII-19-5	p-Br-Ph	H	H	CH_2Ph	Et	OCH_3	F	H	OH	H	H
XVIII-19-6	p-Br-Ph	H	H	CH_2-indol-3-yl	Et	OCH_3	F	H	OH	H	H
XVIII-19-7	p-Br-Ph	H	H	$CH_2CH_2SCH_3$	Et	OCH_3	F	H	OH	H	H
XVIII-19-8	p-Br-Ph	*	H	*	Et	OCH_3	F	H	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XVIII-20.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XVIII-20-1	p-I-Ph	H	H	H	Et	OCH_3	F	H	OH	H	H
XVIII-20-2	p-I-Ph	H	H	CH_3	Et	OCH_3	F	H	OH	H	H
XVIII-20-3	p-I-Ph	H	H	$CH(CH_3)_2$	Et	OCH_3	F	H	OH	H	H
XVIII-20-4	p-I-Ph	H	H	$CH_2CH(CH_3)_2$	Et	OCH_3	F	H	OH	H	H
XVIII-20-5	p-I-Ph	H	H	CH_2Ph	Et	OCH_3	F	H	OH	H	H

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№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XVIII-20-6	p-I-Ph	H	H	CH_2-indol-3-yl	Et	OCH_3	F	H	OH	H	H
XVIII-20-7	p-I-Ph	H	H	$CH_2CH_2SCH_3$	Et	OCH_3	F	H	OH	H	H
XVIII-20-8	p-I-Ph	*	H	*	Et	OCH_3	F	H	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XVIII-21.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XVIII-21-1	CH_3	H	H	H	^{i}Pr	OCH_3	F	H	OH	H	H
XVIII-21-2	CH_3	H	H	CH_3	^{i}Pr	OCH_3	F	H	OH	H	H
XVIII-21-3	CH_3	H	H	$CH(CH_3)_2$	^{i}Pr	OCH_3	F	H	OH	H	H
XVIII-21-4	CH_3	H	H	$CH_2CH(CH_3)_2$	^{i}Pr	OCH_3	F	H	OH	H	H
XVIII-21-5	CH_3	H	H	CH_2Ph	^{i}Pr	OCH_3	F	H	OH	H	H
XVIII-21-6	CH_3	H	H	CH_2-indol-3-yl	^{i}Pr	OCH_3	F	H	OH	H	H
XVIII-21-7	CH_3	H	H	$CH_2CH_2SCH_3$	^{i}Pr	OCH_3	F	H	OH	H	H
XVIII-21-8	CH_3	*	H	*	^{i}Pr	OCH_3	F	H	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XVIII-22.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XVIII-22-1	Et	H	H	H	^{i}Pr	OCH_3	F	H	OH	H	H
XVIII-22-2	Et	H	H	CH_3	^{i}Pr	OCH_3	F	H	OH	H	H
XVIII-22-3	Et	H	H	$CH(CH_3)_2$	^{i}Pr	OCH_3	F	H	OH	H	H
XVIII-22-4	Et	H	H	$CH_2CH(CH_3)_2$	^{i}Pr	OCH_3	F	H	OH	H	H
XVIII-22-5	Et	H	H	CH_2Ph	^{i}Pr	OCH_3	F	H	OH	H	H
XVIII-22-6	Et	H	H	CH_2-indol-3-yl	^{i}Pr	OCH_3	F	H	OH	H	H
XVIII-22-7	Et	H	H	$CH_2CH_2SCH_3$	^{i}Pr	OCH_3	F	H	OH	H	H
XVIII-22-8	Et	*	H	*	^{i}Pr	OCH_3	F	H	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XVIII-23.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XVIII-23-1	^{i}Pr	H	H	H	^{i}Pr	OCH_3	F	H	OH	H	H
XVIII-23-2	^{i}Pr	H	H	CH_3	^{i}Pr	OCH_3	F	H	OH	H	H
XVIII-23-3	^{i}Pr	H	H	$CH(CH_3)_2$	^{i}Pr	OCH_3	F	H	OH	H	H

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№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XVIII-23-4	^{i}Pr	H	H	$CH_2CH(CH_3)_2$	^{i}Pr	OCH_3	F	H	OH	H	H
XVIII-23-5	^{i}Pr	H	H	CH_2Ph	^{i}Pr	OCH_3	F	H	OH	H	H
XVIII-23-6	^{i}Pr	H	H	CH_2-indol-3-yl	^{i}Pr	OCH_3	F	H	OH	H	H
XVIII-23-7	^{i}Pr	H	H	$CH_2CH_2SCH_3$	^{i}Pr	OCH_3	F	H	OH	H	H
XVIII-23-8	^{i}Pr	*	H	*	^{i}Pr	OCH_3	F	H	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XVIII-24.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XVIII-24-1	^{t}Bu	H	H	H	^{i}Pr	OCH_3	F	H	OH	H	H
XVIII-24-2	^{t}Bu	H	H	CH_3	^{i}Pr	OCH_3	F	H	OH	H	H
XVIII-24-3	^{t}Bu	H	H	$CH(CH_3)_2$	^{i}Pr	OCH_3	F	H	OH	H	H
XVIII-24-4	^{t}Bu	H	H	$CH_2CH(CH_3)_2$	^{i}Pr	OCH_3	F	H	OH	H	H
XVIII-24-5	^{t}Bu	H	H	CH_2Ph	^{i}Pr	OCH_3	F	H	OH	H	H
XVIII-24-6	^{t}Bu	H	H	CH_2-indol-3-yl	^{i}Pr	OCH_3	F	H	OH	H	H
XVIII-24-7	^{t}Bu	H	H	$CH_2CH_2SCH_3$	^{i}Pr	OCH_3	F	H	OH	H	H
XVIII-24-8	^{t}Bu	*	H	*	^{i}Pr	OCH_3	F	H	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XVIII-25.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XVIII-25-1	Ph	H	H	H	^{i}Pr	OCH_3	F	H	OH	H	H
XVIII-25-2	Ph	H	H	CH_3	^{i}Pr	OCH_3	F	H	OH	H	H
XVIII-25-3	Ph	H	H	$CH(CH_3)_2$	^{i}Pr	OCH_3	F	H	OH	H	H
XVIII-25-4	Ph	H	H	$CH_2CH(CH_3)_2$	^{i}Pr	OCH_3	F	H	OH	H	H
XVIII-25-5	Ph	H	H	CH_2Ph	^{i}Pr	OCH_3	F	H	OH	H	H
XVIII-25-6	Ph	H	H	CH_2-indol-3-yl	^{i}Pr	OCH_3	F	H	OH	H	H
XVIII-25-7	Ph	H	H	$CH_2CH_2SCH_3$	^{i}Pr	OCH_3	F	H	OH	H	H
XVIII-25-8	Ph	*	H	*	^{i}Pr	OCH_3	F	H	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XVIII-26.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XVIII-26-1	p-Me-Ph	H	H	H	^{i}Pr	OCH_3	F	H	OH	H	H

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№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XVIII-26-2	p-Me-Ph	H	H	CH_3	^{i}Pr	OCH_3	F	H	OH	H	H
XVIII-26-3	p-Me-Ph	H	H	$CH(CH_3)_2$	^{i}Pr	OCH_3	F	H	OH	H	H
XVIII-26-4	p-Me-Ph	H	H	$CH_2CH(CH_3)_2$	^{i}Pr	OCH_3	F	H	OH	H	H
XVIII-26-5	p-Me-Ph	H	H	CH_2Ph	^{i}Pr	OCH_3	F	H	OH	H	H
XVIII-26-6	p-Me-Ph	H	H	CH_2-indol-3-yl	^{i}Pr	OCH_3	F	H	OH	H	H
XVIII-26-7	p-Me-Ph	H	H	$CH_2CH_2SCH_3$	^{i}Pr	OCH_3	F	H	OH	H	H
XVIII-26-8	p-Me-Ph	*	H	*	^{i}Pr	OCH_3	F	H	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XVIII-27.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XVIII-27-1	p-F-Ph	H	H	H	^{i}Pr	OCH_3	F	H	OH	H	H
XVIII-27-2	p-F-Ph	H	H	CH_3	^{i}Pr	OCH_3	F	H	OH	H	H
XVIII-27-3	p-F-Ph	H	H	$CH(CH_3)_2$	^{i}Pr	OCH_3	F	H	OH	H	H
XVIII-27-4	p-F-Ph	H	H	$CH_2CH(CH_3)_2$	^{i}Pr	OCH_3	F	H	OH	H	H
XVIII-27-5	p-F-Ph	H	H	CH_2Ph	^{i}Pr	OCH_3	F	H	OH	H	H
XVIII-27-6	p-F-Ph	H	H	CH_2-indol-3-yl	^{i}Pr	OCH_3	F	H	OH	H	H
XVIII-27-7	p-F-Ph	H	H	$CH_2CH_2SCH_3$	^{i}Pr	OCH_3	F	H	OH	H	H
XVIII-27-8	p-F-Ph	*	H	*	^{i}Pr	OCH_3	F	H	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XVIII-28.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XVIII-28-1	p-Cl-Ph	H	H	H	^{i}Pr	OCH_3	F	H	OH	H	H
XVIII-28-2	p-Cl-Ph	H	H	CH_3	^{i}Pr	OCH_3	F	H	OH	H	H
XVIII-28-3	p-Cl-Ph	H	H	$CH(CH_3)_2$	^{i}Pr	OCH_3	F	H	OH	H	H
XVIII-28-4	p-Cl-Ph	H	H	$CH_2CH(CH_3)_2$	^{i}Pr	OCH_3	F	H	OH	H	H
XVIII-28-5	p-Cl-Ph	H	H	CH_2Ph	^{i}Pr	OCH_3	F	H	OH	H	H
XVIII-28-6	p-Cl-Ph	H	H	CH_2-indol-3-yl	^{i}Pr	OCH_3	F	H	OH	H	H
XVIII-28-7	p-Cl-Ph	H	H	$CH_2CH_2SCH_3$	^{i}Pr	OCH_3	F	H	OH	H	H
XVIII-28-8	p-Cl-Ph	*	H	*	^{i}Pr	OCH_3	F	H	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XVIII-29.

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№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XVIII-29-1	p-Br-Ph	H	H	H	^{i}Pr	OCH_3	F	H	OH	H	H
XVIII-29-2	p-Br-Ph	H	H	CH_3	^{i}Pr	OCH_3	F	H	OH	H	H
XVIII-29-3	p-Br-Ph	H	H	$CH(CH_3)_2$	^{i}Pr	OCH_3	F	H	OH	H	H
XVIII-29-4	p-Br-Ph	H	H	$CH_2CH(CH_3)_2$	^{i}Pr	OCH_3	F	H	OH	H	H
XVIII-29-5	p-Br-Ph	H	H	CH_2Ph	^{i}Pr	OCH_3	F	H	OH	H	H
XVIII-29-6	p-Br-Ph	H	H	CH_2-indol-3-yl	^{i}Pr	OCH_3	F	H	OH	H	H
XVIII-29-7	p-Br-Ph	H	H	$CH_2CH_2SCH_3$	^{i}Pr	OCH_3	F	H	OH	H	H
XVIII-29-8	p-Br-Ph	*	H	*	^{i}Pr	OCH_3	F	H	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XVIII-30.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XVIII-30-1	p-I-Ph	H	H	H	^{i}Pr	OCH_3	F	H	OH	H	H
XVIII-30-2	p-I-Ph	H	H	CH_3	^{i}Pr	OCH_3	F	H	OH	H	H
XVIII-30-3	p-I-Ph	H	H	$CH(CH_3)_2$	^{i}Pr	OCH_3	F	H	OH	H	H
XVIII-30-4	p-I-Ph	H	H	$CH_2CH(CH_3)_2$	^{i}Pr	OCH_3	F	H	OH	H	H
XVIII-30-5	p-I-Ph	H	H	CH_2Ph	^{i}Pr	OCH_3	F	H	OH	H	H
XVIII-30-6	p-I-Ph	H	H	CH_2-indol-3-yl	^{i}Pr	OCH_3	F	H	OH	H	H
XVIII-30-7	p-I-Ph	H	H	$CH_2CH_2SCH_3$	^{i}Pr	OCH_3	F	H	OH	H	H
XVIII-30-8	p-I-Ph	*	H	*	^{i}Pr	OCH_3	F	H	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XVIII-31.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XVIII-31-1	CH_3	H	H	H	^{n}Bu	OCH_3	F	H	OH	H	H
XVIII-31-2	CH_3	H	H	CH_3	^{n}Bu	OCH_3	F	H	OH	H	H
XVIII-31-3	CH_3	H	H	$CH(CH_3)_2$	^{n}Bu	OCH_3	F	H	OH	H	H
XVIII-31-4	CH_3	H	H	$CH_2CH(CH_3)_2$	^{n}Bu	OCH_3	F	H	OH	H	H
XVIII-31-5	CH_3	H	H	CH_2Ph	^{n}Bu	OCH_3	F	H	OH	H	H
XVIII-31-6	CH_3	H	H	CH_2-indol-3-yl	^{n}Bu	OCH_3	F	H	OH	H	H
XVIII-31-7	CH_3	H	H	$CH_2CH_2SCH_3$	^{n}Bu	OCH_3	F	H	OH	H	H
XVIII-31-8	CH_3	*	H	*	^{n}Bu	OCH_3	F	H	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XVIII-32.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XVIII-32-1	Et	H	H	H	^{n}Bu	OCH_3	F	H	OH	H	H
XVIII-32-2	Et	H	H	CH_3	^{n}Bu	OCH_3	F	H	OH	H	H
XVIII-32-3	Et	H	H	$CH(CH_3)_2$	^{n}Bu	OCH_3	F	H	OH	H	H
XVIII-32-4	Et	H	H	$CH_2CH(CH_3)_2$	^{n}Bu	OCH_3	F	H	OH	H	H
XVIII-32-5	Et	H	H	CH_2Ph	^{n}Bu	OCH_3	F	H	OH	H	H
XVIII-32-6	Et	H	H	CH_2-indol-3-yl	^{n}Bu	OCH_3	F	H	OH	H	H
XVIII-32-7	Et	H	H	$CH_2CH_2SCH_3$	^{n}Bu	OCH_3	F	H	OH	H	H
XVIII-32-8	Et	*	H	*	^{n}Bu	OCH_3	F	H	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XVIII-33.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XVIII-33-1	^{i}Pr	H	H	H	^{n}Bu	OCH_3	F	H	OH	H	H
XVIII-33-2	^{i}Pr	H	H	CH_3	^{n}Bu	OCH_3	F	H	OH	H	H
XVIII-33-3	^{i}Pr	H	H	$CH(CH_3)_2$	^{n}Bu	OCH_3	F	H	OH	H	H
XVIII-33-4	^{i}Pr	H	H	$CH_2CH(CH_3)_2$	^{n}Bu	OCH_3	F	H	OH	H	H
XVIII-33-5	^{i}Pr	H	H	CH_2Ph	^{n}Bu	OCH_3	F	H	OH	H	H
XVIII-33-6	^{i}Pr	H	H	CH_2-indol-3-yl	^{n}Bu	OCH_3	F	H	OH	H	H
XVIII-33-7	^{i}Pr	H	H	$CH_2CH_2SCH_3$	^{n}Bu	OCH_3	F	H	OH	H	H
XVIII-33-8	^{i}Pr	*	H	*	^{n}Bu	OCH_3	F	H	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XVIII-34.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XVIII-34-1	^{t}Bu	H	H	H	^{n}Bu	OCH_3	F	H	OH	H	H
XVIII-34-2	^{t}Bu	H	H	CH_3	^{n}Bu	OCH_3	F	H	OH	H	H
XVIII-34-3	^{t}Bu	H	H	$CH(CH_3)_2$	^{n}Bu	OCH_3	F	H	OH	H	H
XVIII-34-4	^{t}Bu	H	H	$CH_2CH(CH_3)_2$	^{n}Bu	OCH_3	F	H	OH	H	H
XVIII-34-5	^{t}Bu	H	H	CH_2Ph	^{n}Bu	OCH_3	F	H	OH	H	H
XVIII-34-6	^{t}Bu	H	H	CH_2-indol-3-yl	^{n}Bu	OCH_3	F	H	OH	H	H
XVIII-34-7	^{t}Bu	H	H	$CH_2CH_2SCH_3$	^{n}Bu	OCH_3	F	H	OH	H	H
XVIII-34-8	^{t}Bu	*	H	*	^{n}Bu	OCH_3	F	H	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XVIII-35.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XVIII-35-1	Ph	H	H	H	^{n}Bu	OCH_3	F	H	OH	H	H
XVIII-35-2	Ph	H	H	CH_3	^{n}Bu	OCH_3	F	H	OH	H	H
XVIII-35-3	Ph	H	H	$CH(CH_3)_2$	^{n}Bu	OCH_3	F	H	OH	H	H
XVIII-35-4	Ph	H	H	$CH_2CH(CH_3)_2$	^{n}Bu	OCH_3	F	H	OH	H	H
XVIII-35-5	Ph	H	H	CH_2Ph	^{n}Bu	OCH_3	F	H	OH	H	H
XVIII-35-6	Ph	H	H	CH_2-indol-3-yl	^{n}Bu	OCH_3	F	H	OH	H	H
XVIII-35-7	Ph	H	H	$CH_2CH_2SCH_3$	^{n}Bu	OCH_3	F	H	OH	H	H
XVIII-35-8	Ph	*	H	*	^{n}Bu	OCH_3	F	H	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XVIII-36.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XVIII-36-1	p-Me-Ph	H	H	H	^{n}Bu	OCH_3	F	H	OH	H	H
XVIII-36-2	p-Me-Ph	H	H	CH_3	^{n}Bu	OCH_3	F	H	OH	H	H
XVIII-36-3	p-Me-Ph	H	H	$CH(CH_3)_2$	^{n}Bu	OCH_3	F	H	OH	H	H
XVIII-36-4	p-Me-Ph	H	H	$CH_2CH(CH_3)_2$	^{n}Bu	OCH_3	F	H	OH	H	H
XVIII-36-5	p-Me-Ph	H	H	CH_2Ph	^{n}Bu	OCH_3	F	H	OH	H	H
XVIII-36-6	p-Me-Ph	H	H	CH_2-indol-3-yl	^{n}Bu	OCH_3	F	H	OH	H	H
XVIII-36-7	p-Me-Ph	H	H	$CH_2CH_2SCH_3$	^{n}Bu	OCH_3	F	H	OH	H	H
XVIII-36-8	p-Me-Ph	*	H	*	^{n}Bu	OCH_3	F	H	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XVIII-37.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XVIII-37-1	p-F-Ph	H	H	H	^{n}Bu	OCH_3	F	H	OH	H	H
XVIII-37-2	p-F-Ph	H	H	CH_3	^{n}Bu	OCH_3	F	H	OH	H	H
XVIII-37-3	p-F-Ph	H	H	$CH(CH_3)_2$	^{n}Bu	OCH_3	F	H	OH	H	H
XVIII-37-4	p-F-Ph	H	H	$CH_2CH(CH_3)_2$	^{n}Bu	OCH_3	F	H	OH	H	H
XVIII-37-5	p-F-Ph	H	H	CH_2Ph	^{n}Bu	OCH_3	F	H	OH	H	H
XVIII-37-6	p-F-Ph	H	H	CH_2-indol-3-yl	^{n}Bu	OCH_3	F	H	OH	H	H
XVIII-37-7	p-F-Ph	H	H	$CH_2CH_2SCH_3$	^{n}Bu	OCH_3	F	H	OH	H	H
XVIII-37-8	p-F-Ph	*	H	*	^{n}Bu	OCH_3	F	H	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XVIII-38.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XVIII-38-1	p-Cl-Ph	H	H	H	^{n}Bu	OCH_3	F	H	OH	H	H
XVIII-38-2	p-Cl-Ph	H	H	CH_3	^{n}Bu	OCH_3	F	H	OH	H	H
XVIII-38-3	p-Cl-Ph	H	H	$CH(CH_3)_2$	^{n}Bu	OCH_3	F	H	OH	H	H
XVIII-38-4	p-Cl-Ph	H	H	$CH_2CH(CH_3)_2$	^{n}Bu	OCH_3	F	H	OH	H	H
XVIII-38-5	p-Cl-Ph	H	H	CH_2Ph	^{n}Bu	OCH_3	F	H	OH	H	H
XVIII-38-6	p-Cl-Ph	H	H	CH_2-indol-3-yl	^{n}Bu	OCH_3	F	H	OH	H	H
XVIII-38-7	p-Cl-Ph	H	H	$CH_2CH_2SCH_3$	^{n}Bu	OCH_3	F	H	OH	H	H
XVIII-38-8	p-Cl-Ph	*	H	*	^{n}Bu	OCH_3	F	H	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XVIII-39.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XVIII-39-1	p-Br-Ph	H	H	H	^{n}Bu	OCH_3	F	H	OH	H	H
XVIII-39-2	p-Br-Ph	H	H	CH_3	^{n}Bu	OCH_3	F	H	OH	H	H
XVIII-39-3	p-Br-Ph	H	H	$CH(CH_3)_2$	^{n}Bu	OCH_3	F	H	OH	H	H
XVIII-39-4	p-Br-Ph	H	H	$CH_2CH(CH_3)_2$	^{n}Bu	OCH_3	F	H	OH	H	H
XVIII-39-5	p-Br-Ph	H	H	CH_2Ph	^{n}Bu	OCH_3	F	H	OH	H	H
XVIII-39-6	p-Br-Ph	H	H	CH_2-indol-3-yl	^{n}Bu	OCH_3	F	H	OH	H	H
XVIII-39-7	p-Br-Ph	H	H	$CH_2CH_2SCH_3$	^{n}Bu	OCH_3	F	H	OH	H	H
XVIII-39-8	p-Br-Ph	*	H	*	^{n}Bu	OCH_3	F	H	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XVIII-40.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XVIII-40-1	p-I-Ph	H	H	H	^{n}Bu	OCH_3	F	H	OH	H	H
XVIII-40-2	p-I-Ph	H	H	CH_3	^{n}Bu	OCH_3	F	H	OH	H	H
XVIII-40-3	p-I-Ph	H	H	$CH(CH_3)_2$	^{n}Bu	OCH_3	F	H	OH	H	H
XVIII-40-4	p-I-Ph	H	H	$CH_2CH(CH_3)_2$	^{n}Bu	OCH_3	F	H	OH	H	H
XVIII-40-5	p-I-Ph	H	H	CH_2Ph	^{n}Bu	OCH_3	F	H	OH	H	H
XVIII-40-6	p-I-Ph	H	H	CH_2-indol-3-yl	^{n}Bu	OCH_3	F	H	OH	H	H
XVIII-40-7	p-I-Ph	H	H	$CH_2CH_2SCH_3$	^{n}Bu	OCH_3	F	H	OH	H	H
XVIII-40-8	p-I-Ph	*	H	*	^{n}Bu	OCH_3	F	H	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XVIII-41.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XVIII-41-1	CH_3	H	H	H	Bz	OCH_3	F	H	OH	H	H
XVIII-41-2	CH_3	H	H	CH_3	Bz	OCH_3	F	H	OH	H	H
XVIII-41-3	CH_3	H	H	$CH(CH_3)_2$	Bz	OCH_3	F	H	OH	H	H
XVIII-41-4	CH_3	H	H	$CH_2CH(CH_3)_2$	Bz	OCH_3	F	H	OH	H	H
XVIII-41-5	CH_3	H	H	CH_2Ph	Bz	OCH_3	F	H	OH	H	H
XVIII-41-6	CH_3	H	H	CH_2-indol-3-yl	Bz	OCH_3	F	H	OH	H	H
XVIII-41-7	CH_3	H	H	$CH_2CH_2SCH_3$	Bz	OCH_3	F	H	OH	H	H
XVIII-41-8	CH_3	*	H	*	Bz	OCH_3	F	H	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XVIII-42.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XVIII-42-1	Et	H	H	H	Bz	OCH_3	F	H	OH	H	H
XVIII-42-2	Et	H	H	CH_3	Bz	OCH_3	F	H	OH	H	H
XVIII-42-3	Et	H	H	$CH(CH_3)_2$	Bz	OCH_3	F	H	OH	H	H
XVIII-42-4	Et	H	H	$CH_2CH(CH_3)_2$	Bz	OCH_3	F	H	OH	H	H
XVIII-42-5	Et	H	H	CH_2Ph	Bz	OCH_3	F	H	OH	H	H
XVIII-42-6	Et	H	H	CH_2-indol-3-yl	Bz	OCH_3	F	H	OH	H	H
XVIII-42-7	Et	H	H	$CH_2CH_2SCH_3$	Bz	OCH_3	F	H	OH	H	H
XVIII-42-8	Et	*	H	*	Bz	OCH_3	F	H	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XVIII-43.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XVIII-43-1	^{i}Pr	H	H	H	Bz	OCH_3	F	H	OH	H	H
XVIII-43-2	^{i}Pr	H	H	CH_3	Bz	OCH_3	F	H	OH	H	H
XVIII-43-3	^{i}Pr	H	H	$CH(CH_3)_2$	Bz	OCH_3	F	H	OH	H	H
XVIII-43-4	^{i}Pr	H	H	$CH_2CH(CH_3)_2$	Bz	OCH_3	F	H	OH	H	H
XVIII-43-5	^{i}Pr	H	H	CH_2Ph	Bz	OCH_3	F	H	OH	H	H
XVIII-43-6	^{i}Pr	H	H	CH_2-indol-3-yl	Bz	OCH_3	F	H	OH	H	H
XVIII-43-7	^{i}Pr	H	H	$CH_2CH_2SCH_3$	Bz	OCH_3	F	H	OH	H	H
XVIII-43-8	^{i}Pr	*	H	*	Bz	OCH_3	F	H	OH	H	H

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*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XVIII-44.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XVIII-44-1	^{t}Bu	H	H	H	Bz	OCH_3	F	H	OH	H	H
XVIII-44-2	^{t}Bu	H	H	CH_3	Bz	OCH_3	F	H	OH	H	H
XVIII-44-3	^{t}Bu	H	H	$CH(CH_3)_2$	Bz	OCH_3	F	H	OH	H	H
XVIII-44-4	^{t}Bu	H	H	$CH_2CH(CH_3)_2$	Bz	OCH_3	F	H	OH	H	H
XVIII-44-5	^{t}Bu	H	H	CH_2Ph	Bz	OCH_3	F	H	OH	H	H
XVIII-44-6	^{t}Bu	H	H	CH_2-indol-3-yl	Bz	OCH_3	F	H	OH	H	H
XVIII-44-7	^{t}Bu	H	H	$CH_2CH_2SCH_3$	Bz	OCH_3	F	H	OH	H	H
XVIII-44-8	^{t}Bu	*	H	*	Bz	OCH_3	F	H	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XVIII-45.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XVIII-45-1	Ph	H	H	H	Bz	OCH_3	F	H	OH	H	H
XVIII-45-2	Ph	H	H	CH_3	Bz	OCH_3	F	H	OH	H	H
XVIII-45-3	Ph	H	H	$CH(CH_3)_2$	Bz	OCH_3	F	H	OH	H	H
XVIII-45-4	Ph	H	H	$CH_2CH(CH_3)_2$	Bz	OCH_3	F	H	OH	H	H
XVIII-45-5	Ph	H	H	CH_2Ph	Bz	OCH_3	F	H	OH	H	H
XVIII-45-6	Ph	H	H	CH_2-indol-3-yl	Bz	OCH_3	F	H	OH	H	H
XVIII-45-7	Ph	H	H	$CH_2CH_2SCH_3$	Bz	OCH_3	F	H	OH	H	H
XVIII-45-8	Ph	*	H	*	Bz	OCH_3	F	H	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XVIII-46.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XVIII-46-1	p-Me-Ph	H	H	H	Bz	OCH_3	F	H	OH	H	H
XVIII-46-2	p-Me-Ph	H	H	CH_3	Bz	OCH_3	F	H	OH	H	H
XVIII-46-3	p-Me-Ph	H	H	$CH(CH_3)_2$	Bz	OCH_3	F	H	OH	H	H
XVIII-46-4	p-Me-Ph	H	H	$CH_2CH(CH_3)_2$	Bz	OCH_3	F	H	OH	H	H
XVIII-46-5	p-Me-Ph	H	H	CH_2Ph	Bz	OCH_3	F	H	OH	H	H
XVIII-46-6	p-Me-Ph	H	H	CH_2-indol-3-yl	Bz	OCH_3	F	H	OH	H	H
XVIII-46-7	p-Me-Ph	H	H	$CH_2CH_2SCH_3$	Bz	OCH_3	F	H	OH	H	H

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№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XVIII-46-8	p-Me-Ph	*	H	*	Bz	OCH_3	F	H	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XVIII-47.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XVIII-47-1	p-F-Ph	H	H	H	Bz	OCH_3	F	H	OH	H	H
XVIII-47-2	p-F-Ph	H	H	CH_3	Bz	OCH_3	F	H	OH	H	H
XVIII-47-3	p-F-Ph	H	H	$CH(CH_3)_2$	Bz	OCH_3	F	H	OH	H	H
XVIII-47-4	p-F-Ph	H	H	$CH_2CH(CH_3)_2$	Bz	OCH_3	F	H	OH	H	H
XVIII-47-5	p-F-Ph	H	H	CH_2Ph	Bz	OCH_3	F	H	OH	H	H
XVIII-47-6	p-F-Ph	H	H	CH_2-indol-3-yl	Bz	OCH_3	F	H	OH	H	H
XVIII-47-7	p-F-Ph	H	H	$CH_2CH_2SCH_3$	Bz	OCH_3	F	H	OH	H	H
XVIII-47-8	p-F-Ph	*	H	*	Bz	OCH_3	F	H	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XVIII-48.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XVIII-48-1	p-Cl-Ph	H	H	H	Bz	OCH_3	F	H	OH	H	H
XVIII-48-2	p-Cl-Ph	H	H	CH_3	Bz	OCH_3	F	H	OH	H	H
XVIII-48-3	p-Cl-Ph	H	H	$CH(CH_3)_2$	Bz	OCH_3	F	H	OH	H	H
XVIII-48-4	p-Cl-Ph	H	H	$CH_2CH(CH_3)_2$	Bz	OCH_3	F	H	OH	H	H
XVIII-48-5	p-Cl-Ph	H	H	CH_2Ph	Bz	OCH_3	F	H	OH	H	H
XVIII-48-6	p-Cl-Ph	H	H	CH_2-indol-3-yl	Bz	OCH_3	F	H	OH	H	H
XVIII-48-7	p-Cl-Ph	H	H	$CH_2CH_2SCH_3$	Bz	OCH_3	F	H	OH	H	H
XVIII-48-8	p-Cl-Ph	*	H	*	Bz	OCH_3	F	H	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XVIII-49.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XVIII-49-1	p-Br-Ph	H	H	H	Bz	OCH_3	F	H	OH	H	H
XVIII-49-2	p-Br-Ph	H	H	CH_3	Bz	OCH_3	F	H	OH	H	H
XVIII-49-3	p-Br-Ph	H	H	$CH(CH_3)_2$	Bz	OCH_3	F	H	OH	H	H
XVIII-49-4	p-Br-Ph	H	H	$CH_2CH(CH_3)_2$	Bz	OCH_3	F	H	OH	H	H
XVIII-49-5	p-Br-Ph	H	H	CH_2Ph	Bz	OCH_3	F	H	OH	H	H

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№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XVIII-49-6	p-Br-Ph	H	H	CH_2-indol-3-yl	Bz	OCH_3	F	H	OH	H	H
XVIII-49-7	p-Br-Ph	H	H	$CH_2CH_2SCH_3$	Bz	OCH_3	F	H	OH	H	H
XVIII-49-8	p-Br-Ph	*	H	*	Bz	OCH_3	F	H	OH	H	H

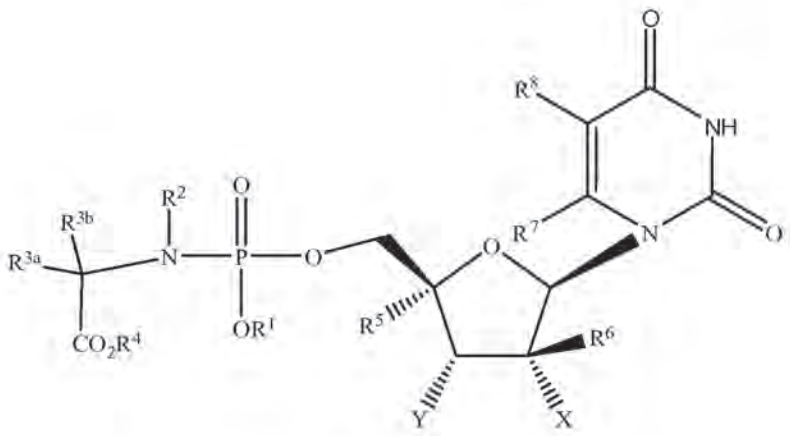
*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XVIII-50.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XVIII-50-1	p-I-Ph	H	H	H	Bz	OCH_3	F	H	OH	H	H
XVIII-50-2	p-I-Ph	H	H	CH_3	Bz	OCH_3	F	H	OH	H	H
XVIII-50-3	p-I-Ph	H	H	$CH(CH_3)_2$	Bz	OCH_3	F	H	OH	H	H
XVIII-50-4	p-I-Ph	H	H	$CH_2CH(CH_3)_2$	Bz	OCH_3	F	H	OH	H	H
XVIII-50-5	p-I-Ph	H	H	CH_2Ph	Bz	OCH_3	F	H	OH	H	H
XVIII-50-6	p-I-Ph	H	H	CH_2-indol-3-yl	Bz	OCH_3	F	H	OH	H	H
XVIII-50-7	p-I-Ph	H	H	$CH_2CH_2SCH_3$	Bz	OCH_3	F	H	OH	H	H
XVIII-50-8	p-I-Ph	*	H	*	Bz	OCH_3	F	H	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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XIX

Table XIX-1.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XIX-1-1	CH_3	H	H	H	CH_3	OCH_3	F	F	OH	H	H

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№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XIX-1-2	CH_3	H	H	CH_3	CH_3	OCH_3	F	F	OH	H	H
XIX-1-3	CH_3	H	H	$CH(CH_3)_2$	CH_3	OCH_3	F	F	OH	H	H
XIX-1-4	CH_3	H	H	$CH_2CH(CH_3)_2$	CH_3	OCH_3	F	F	OH	H	H
XIX-1-5	CH_3	H	H	CH_2Ph	CH_3	OCH_3	F	F	OH	H	H
XIX-1-6	CH_3	H	H	CH_2-indol-3-yl	CH_3	OCH_3	F	F	OH	H	H
XIX-1-7	CH_3	H	H	$CH_2CH_2SCH_3$	CH_3	OCH_3	F	F	OH	H	H
XIX-1-8	CH_3	*	H	*	CH_3	OCH_3	F	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XIX-2.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XIX-2-1	Et	H	H	H	CH_3	OCH_3	F	F	OH	H	H
XIX-2-2	Et	H	H	CH_3	CH_3	OCH_3	F	F	OH	H	H
XIX-2-3	Et	H	H	$CH(CH_3)_2$	CH_3	OCH_3	F	F	OH	H	H
XIX-2-4	Et	H	H	$CH_2CH(CH_3)_2$	CH_3	OCH_3	F	F	OH	H	H
XIX-2-5	Et	H	H	CH_2Ph	CH_3	OCH_3	F	F	OH	H	H
XIX-2-6	Et	H	H	CH_2-indol-3-yl	CH_3	OCH_3	F	F	OH	H	H
XIX-2-7	Et	H	H	$CH_2CH_2SCH_3$	CH_3	OCH_3	F	F	OH	H	H
XIX-2-8	Et	*	H	*	CH_3	OCH_3	F	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XIX-3.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XIX-3-1	^{i}Pr	H	H	H	CH_3	OCH_3	F	F	OH	H	H
XIX-3-2	^{i}Pr	H	H	CH_3	CH_3	OCH_3	F	F	OH	H	H
XIX-3-3	^{i}Pr	H	H	$CH(CH_3)_2$	CH_3	OCH_3	F	F	OH	H	H
XIX-3-4	^{i}Pr	H	H	$CH_2CH(CH_3)_2$	CH_3	OCH_3	F	F	OH	H	H
XIX-3-5	^{i}Pr	H	H	CH_2Ph	CH_3	OCH_3	F	F	OH	H	H
XIX-3-6	^{i}Pr	H	H	CH_2-indol-3-yl	CH_3	OCH_3	F	F	OH	H	H
XIX-3-7	^{i}Pr	H	H	$CH_2CH_2SCH_3$	CH_3	OCH_3	F	F	OH	H	H
XIX-3-8	^{i}Pr	*	H	*	CH_3	OCH_3	F	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XIX-4.

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№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XIX-4-1	^{t}Bu	H	H	H	CH_3	OCH_3	F	F	OH	H	H
XIX-4-2	^{t}Bu	H	H	CH_3	CH_3	OCH_3	F	F	OH	H	H
XIX-4-3	^{t}Bu	H	H	$CH(CH_3)_2$	CH_3	OCH_3	F	F	OH	H	H
XIX-4-4	^{t}Bu	H	H	$CH_2CH(CH_3)_2$	CH_3	OCH_3	F	F	OH	H	H
XIX-4-5	^{t}Bu	H	H	CH_2Ph	CH_3	OCH_3	F	F	OH	H	H
XIX-4-6	^{t}Bu	H	H	CH_2-indol-3-yl	CH_3	OCH_3	F	F	OH	H	H
XIX-4-7	^{t}Bu	H	H	$CH_2CH_2SCH_3$	CH_3	OCH_3	F	F	OH	H	H
XIX-4-8	^{t}Bu	*	H	*	CH_3	OCH_3	F	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XIX-5.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XIX-5-1	Ph	H	H	H	CH_3	OCH_3	F	F	OH	H	H
XIX-5-2	Ph	H	H	CH_3	CH_3	OCH_3	F	F	OH	H	H
XIX-5-3	Ph	H	H	$CH(CH_3)_2$	CH_3	OCH_3	F	F	OH	H	H
XIX-5-4	Ph	H	H	$CH_2CH(CH_3)_2$	CH_3	OCH_3	F	F	OH	H	H
XIX-5-5	Ph	H	H	CH_2Ph	CH_3	OCH_3	F	F	OH	H	H
XIX-5-6	Ph	H	H	CH_2-indol-3-yl	CH_3	OCH_3	F	F	OH	H	H
XIX-5-7	Ph	H	H	$CH_2CH_2SCH_3$	CH_3	OCH_3	F	F	OH	H	H
XIX-5-8	Ph	*	H	*	CH_3	OCH_3	F	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XIX-6.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XIX-6-1	p-Me-Ph	H	H	H	CH_3	OCH_3	F	F	OH	H	H
XIX-6-2	p-Me-Ph	H	H	CH_3	CH_3	OCH_3	F	F	OH	H	H
XIX-6-3	p-Me-Ph	H	H	$CH(CH_3)_2$	CH_3	OCH_3	F	F	OH	H	H
XIX-6-4	p-Me-Ph	H	H	$CH_2CH(CH_3)_2$	CH_3	OCH_3	F	F	OH	H	H
XIX-6-5	p-Me-Ph	H	H	CH_2Ph	CH_3	OCH_3	F	F	OH	H	H
XIX-6-6	p-Me-Ph	H	H	CH_2-indol-3-yl	CH_3	OCH_3	F	F	OH	H	H
XIX-6-7	p-Me-Ph	H	H	$CH_2CH_2SCH_3$	CH_3	OCH_3	F	F	OH	H	H
XIX-6-8	p-Me-Ph	*	H	*	CH_3	OCH_3	F	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XIX-7.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XIX-7-1	p-F-Ph	H	H	H	CH_3	OCH_3	F	F	OH	H	H
XIX-7-2	p-F-Ph	H	H	CH_3	CH_3	OCH_3	F	F	OH	H	H
XIX-7-3	p-F-Ph	H	H	$CH(CH_3)_2$	CH_3	OCH_3	F	F	OH	H	H
XIX-7-4	p-F-Ph	H	H	$CH_2CH(CH_3)_2$	CH_3	OCH_3	F	F	OH	H	H
XIX-7-6	p-F-Ph	H	H	CH_2Ph	CH_3	OCH_3	F	F	OH	H	H
XIX-7-7	p-F-Ph	H	H	CH_2-indol-3-yl	CH_3	OCH_3	F	F	OH	H	H
XIX-7-8	p-F-Ph	H	H	$CH_2CH_2SCH_3$	CH_3	OCH_3	F	F	OH	H	H
XIX-7-20	p-F-Ph	*	H	*	CH_3	OCH_3	F	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XIX-8.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XIX-8-1	p-Cl-Ph	H	H	H	CH_3	OCH_3	F	F	OH	H	H
XIX-8-2	p-Cl-Ph	H	H	CH_3	CH_3	OCH_3	F	F	OH	H	H
XIX-8-3	p-Cl-Ph	H	H	$CH(CH_3)_2$	CH_3	OCH_3	F	F	OH	H	H
XIX-8-4	p-Cl-Ph	H	H	$CH_2CH(CH_3)_2$	CH_3	OCH_3	F	F	OH	H	H
XIX-8-5	p-Cl-Ph	H	H	CH_2Ph	CH_3	OCH_3	F	F	OH	H	H
XIX-8-6	p-Cl-Ph	H	H	CH_2-indol-3-yl	CH_3	OCH_3	F	F	OH	H	H
XIX-8-7	p-Cl-Ph	H	H	$CH_2CH_2SCH_3$	CH_3	OCH_3	F	F	OH	H	H
XIX-8-8	p-Cl-Ph	*	H	*	CH_3	OCH_3	F	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XIX-9.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XIX-9-1	p-Br-Ph	H	H	H	CH_3	OCH_3	F	F	OH	H	H
XIX-9-2	p-Br-Ph	H	H	CH_3	CH_3	OCH_3	F	F	OH	H	H
XIX-9-3	p-Br-Ph	H	H	$CH(CH_3)_2$	CH_3	OCH_3	F	F	OH	H	H
XIX-9-4	p-Br-Ph	H	H	$CH_2CH(CH_3)_2$	CH_3	OCH_3	F	F	OH	H	H
XIX-9-6	p-Br-Ph	H	H	CH_2Ph	CH_3	OCH_3	F	F	OH	H	H
XIX-9-7	p-Br-Ph	H	H	CH_2-indol-3-yl	CH_3	OCH_3	F	F	OH	H	H
XIX-9-8	p-Br-Ph	H	H	$CH_2CH_2SCH_3$	CH_3	OCH_3	F	F	OH	H	H
XIX-9-20	p-Br-Ph	*	H	*	CH_3	OCH_3	F	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XIX-10.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XIX-10-1	p-I-Ph	H	H	H	CH_3	OCH_3	F	F	OH	H	H
XIX-10-2	p-I-Ph	H	H	CH_3	CH_3	OCH_3	F	F	OH	H	H
XIX-10-3	p-I-Ph	H	H	$CH(CH_3)_2$	CH_3	OCH_3	F	F	OH	H	H
XIX-10-4	p-I-Ph	H	H	$CH_2CH(CH_3)_2$	CH_3	OCH_3	F	F	OH	H	H
XIX-10-5	p-I-Ph	H	H	CH_2Ph	CH_3	OCH_3	F	F	OH	H	H
XIX-10-6	p-I-Ph	H	H	CH_2-indol-3-yl	CH_3	OCH_3	F	F	OH	H	H
XIX-10-7	p-I-Ph	H	H	$CH_2CH_2SCH_3$	CH_3	OCH_3	F	F	OH	H	H
XIX-10-8	p-I-Ph	*	H	*	CH_3	OCH_3	F	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XIX-11.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XIX-11-1	CH_3	H	H	H	Et	OCH_3	F	F	OH	H	H
XIX-11-2	CH_3	H	H	CH_3	Et	OCH_3	F	F	OH	H	H
XIX-11-3	CH_3	H	H	$CH(CH_3)_2$	Et	OCH_3	F	F	OH	H	H
XIX-11-4	CH_3	H	H	$CH_2CH(CH_3)_2$	Et	OCH_3	F	F	OH	H	H
XIX-11-5	CH_3	H	H	CH_2Ph	Et	OCH_3	F	F	OH	H	H
XIX-11-6	CH_3	H	H	CH_2-indol-3-yl	Et	OCH_3	F	F	OH	H	H
XIX-11-7	CH_3	H	H	$CH_2CH_2SCH_3$	Et	OCH_3	F	F	OH	H	H
XIX-11-8	CH_3	*	H	*	Et	OCH_3	F	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XIX-12.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XIX-12-1	Et	H	H	H	Et	OCH_3	F	F	OH	H	H
XIX-12-2	Et	H	H	CH_3	Et	OCH_3	F	F	OH	H	H
XIX-12-3	Et	H	H	$CH(CH_3)_2$	Et	OCH_3	F	F	OH	H	H
XIX-12-4	Et	H	H	$CH_2CH(CH_3)_2$	Et	OCH_3	F	F	OH	H	H
XIX-12-5	Et	H	H	CH_2Ph	Et	OCH_3	F	F	OH	H	H
XIX-12-6	Et	H	H	CH_2-indol-3-yl	Et	OCH_3	F	F	OH	H	H
XIX-12-7	Et	H	H	$CH_2CH_2SCH_3$	Et	OCH_3	F	F	OH	H	H
XIX-12-8	Et	*	H	*	Et	OCH_3	F	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XIX-13.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XIX-13-1	^{i}Pr	H	H	H	Et	OCH_3	F	F	OH	H	H
XIX-13-2	^{i}Pr	H	H	CH_3	Et	OCH_3	F	F	OH	H	H
XIX-13-3	^{i}Pr	H	H	$CH(CH_3)_2$	Et	OCH_3	F	F	OH	H	H
XIX-13-4	^{i}Pr	H	H	$CH_2CH(CH_3)_2$	Et	OCH_3	F	F	OH	H	H
XIX-13-5	^{i}Pr	H	H	CH_2Ph	Et	OCH_3	F	F	OH	H	H
XIX-13-6	^{i}Pr	H	H	CH_2-indol-3-yl	Et	OCH_3	F	F	OH	H	H
XIX-13-7	^{i}Pr	H	H	$CH_2CH_2SCH_3$	Et	OCH_3	F	F	OH	H	H
XIX-13-8	^{i}Pr	*	H	*	Et	OCH_3	F	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XIX-14.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XIX-14-1	^{t}Bu	H	H	H	Et	OCH_3	F	F	OH	H	H
XIX-14-2	^{t}Bu	H	H	CH_3	Et	OCH_3	F	F	OH	H	H
XIX-14-3	^{t}Bu	H	H	$CH(CH_3)_2$	Et	OCH_3	F	F	OH	H	H
XIX-14-4	^{t}Bu	H	H	$CH_2CH(CH_3)_2$	Et	OCH_3	F	F	OH	H	H
XIX-14-5	^{t}Bu	H	H	CH_2Ph	Et	OCH_3	F	F	OH	H	H
XIX-14-6	^{t}Bu	H	H	CH_2-indol-3-yl	Et	OCH_3	F	F	OH	H	H
XIX-14-7	^{t}Bu	H	H	$CH_2CH_2SCH_3$	Et	OCH_3	F	F	OH	H	H
XIX-14-8	^{t}Bu	*	H	*	Et	OCH_3	F	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XIX-15.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XIX-15-1	Ph	H	H	H	Et	OCH_3	F	F	OH	H	H
XIX-15-2	Ph	H	H	CH_3	Et	OCH_3	F	F	OH	H	H
XIX-15-3	Ph	H	H	$CH(CH_3)_2$	Et	OCH_3	F	F	OH	H	H
XIX-15-4	Ph	H	H	$CH_2CH(CH_3)_2$	Et	OCH_3	F	F	OH	H	H
XIX-15-5	Ph	H	H	CH_2Ph	Et	OCH_3	F	F	OH	H	H
XIX-15-6	Ph	H	H	CH_2-indol-3-yl	Et	OCH_3	F	F	OH	H	H
XIX-15-7	Ph	H	H	$CH_2CH_2SCH_3$	Et	OCH_3	F	F	OH	H	H
XIX-15-8	Ph	*	H	*	Et	OCH_3	F	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XIX-16.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XIX-16-1	p-Me-Ph	H	H	H	Et	OCH_3	F	F	OH	H	H
XIX-16-2	p-Me-Ph	H	H	CH_3	Et	OCH_3	F	F	OH	H	H
XIX-16-3	p-Me-Ph	H	H	$CH(CH_3)_2$	Et	OCH_3	F	F	OH	H	H
XIX-16-4	p-Me-Ph	H	H	$CH_2CH(CH_3)_2$	Et	OCH_3	F	F	OH	H	H
XIX-16-5	p-Me-Ph	H	H	CH_2Ph	Et	OCH_3	F	F	OH	H	H
XIX-16-6	p-Me-Ph	H	H	CH_2-indol-3-yl	Et	OCH_3	F	F	OH	H	H
XIX-16-7	p-Me-Ph	H	H	$CH_2CH_2SCH_3$	Et	OCH_3	F	F	OH	H	H
XIX-16-8	p-Me-Ph	*	H	*	Et	OCH_3	F	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XIX-17.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XIX-17-1	p-F-Ph	H	H	H	Et	OCH_3	F	F	OH	H	H
XIX-17-2	p-F-Ph	H	H	CH_3	Et	OCH_3	F	F	OH	H	H
XIX-17-3	p-F-Ph	H	H	$CH(CH_3)_2$	Et	OCH_3	F	F	OH	H	H
XIX-17-4	p-F-Ph	H	H	$CH_2CH(CH_3)_2$	Et	OCH_3	F	F	OH	H	H
XIX-17-5	p-F-Ph	H	H	CH_2Ph	Et	OCH_3	F	F	OH	H	H
XIX-17-6	p-F-Ph	H	H	CH_2-indol-3-yl	Et	OCH_3	F	F	OH	H	H
XIX-17-7	p-F-Ph	H	H	$CH_2CH_2SCH_3$	Et	OCH_3	F	F	OH	H	H
XIX-17-8	p-F-Ph	*	H	*	Et	OCH_3	F	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XIX-18.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XIX-18-1	p-Cl-Ph	H	H	H	Et	OCH_3	F	F	OH	H	H
XIX-18-2	p-Cl-Ph	H	H	CH_3	Et	OCH_3	F	F	OH	H	H
XIX-18-3	p-Cl-Ph	H	H	$CH(CH_3)_2$	Et	OCH_3	F	F	OH	H	H
XIX-18-4	p-Cl-Ph	H	H	$CH_2CH(CH_3)_2$	Et	OCH_3	F	F	OH	H	H
XIX-18-5	p-Cl-Ph	H	H	CH_2Ph	Et	OCH_3	F	F	OH	H	H
XIX-18-6	p-Cl-Ph	H	H	CH_2-indol-3-yl	Et	OCH_3	F	F	OH	H	H
XIX-18-7	p-Cl-Ph	H	H	$CH_2CH_2SCH_3$	Et	OCH_3	F	F	OH	H	H
XIX-18-8	p-Cl-Ph	*	H	*	Et	OCH_3	F	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XIX-19.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XIX-19-1	p-Br-Ph	H	H	H	Et	OCH_3	F	F	OH	H	H
XIX-19-2	p-Br-Ph	H	H	CH_3	Et	OCH_3	F	F	OH	H	H
XIX-19-3	p-Br-Ph	H	H	$CH(CH_3)_2$	Et	OCH_3	F	F	OH	H	H
XIX-19-4	p-Br-Ph	H	H	$CH_2CH(CH_3)_2$	Et	OCH_3	F	F	OH	H	H
XIX-19-5	p-Br-Ph	H	H	CH_2Ph	Et	OCH_3	F	F	OH	H	H
XIX-19-6	p-Br-Ph	H	H	CH_2-indol-3-yl	Et	OCH_3	F	F	OH	H	H
XIX-19-7	p-Br-Ph	H	H	$CH_2CH_2SCH_3$	Et	OCH_3	F	F	OH	H	H
XIX-19-8	p-Br-Ph	*	H	*	Et	OCH_3	F	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XIX-20.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7
XIX-20-1	p-I-Ph	H	H	H	Et	OCH_3	F	F	OH	H
XIX-20-2	p-I-Ph	H	H	CH_3	Et	OCH_3	F	F	OH	H
XIX-20-3	p-I-Ph	H	H	$CH(CH_3)_2$	Et	OCH_3	F	F	OH	H
XIX-20-4	p-I-Ph	H	H	$CH_2CH(CH_3)_2$	Et	OCH_3	F	F	OH	H
XIX-20-5	p-I-Ph	H	H	CH_2Ph	Et	OCH_3	F	F	OH	H
XIX-20-6	p-I-Ph	H	H	CH_2-indol-3-yl	Et	OCH_3	F	F	OH	H
XIX-20-7	p-I-Ph	H	H	$CH_2CH_2SCH_3$	Et	OCH_3	F	F	OH	H
XIX-20-8	p-I-Ph	*	H	*	Et	OCH_3	F	F	OH	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XIX-21.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XIX-21-1	CH_3	H	H	H	^{i}Pr	OCH_3	F	F	OH	H	H
XIX-21-2	CH_3	H	H	CH_3	^{i}Pr	OCH_3	F	F	OH	H	H
XIX-21-3	CH_3	H	H	$CH(CH_3)_2$	^{i}Pr	OCH_3	F	F	OH	H	H
XIX-21-4	CH_3	H	H	$CH_2CH(CH_3)_2$	^{i}Pr	OCH_3	F	F	OH	H	H
XIX-21-5	CH_3	H	H	CH_2Ph	^{i}Pr	OCH_3	F	F	OH	H	H
XIX-21-6	CH_3	H	H	CH_2-indol-3-yl	^{i}Pr	OCH_3	F	F	OH	H	H
XIX-21-7	CH_3	H	H	$CH_2CH_2SCH_3$	^{i}Pr	OCH_3	F	F	OH	H	H
XIX-21-8	CH_3	*	H	*	^{i}Pr	OCH_3	F	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XIX-22.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XIX-22-1	Et	H	H	H	^{i}Pr	OCH_3	F	F	OH	H	H
XIX-22-2	Et	H	H	CH_3	^{i}Pr	OCH_3	F	F	OH	H	H
XIX-22-3	Et	H	H	$CH(CH_3)_2$	^{i}Pr	OCH_3	F	F	OH	H	H
XIX-22-4	Et	H	H	$CH_2CH(CH_3)_2$	^{i}Pr	OCH_3	F	F	OH	H	H
XIX-22-5	Et	H	H	CH_2Ph	^{i}Pr	OCH_3	F	F	OH	H	H
XIX-22-6	Et	H	H	CH_2-indol-3-yl	^{i}Pr	OCH_3	F	F	OH	H	H
XIX-22-7	Et	H	H	$CH_2CH_2SCH_3$	^{i}Pr	OCH_3	F	F	OH	H	H
XIX-22-8	Et	*	H	*	^{i}Pr	OCH_3	F	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XIX-23.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XIX-23-1	^{i}Pr	H	H	H	^{i}Pr	OCH_3	F	F	OH	H	H
XIX-23-2	^{i}Pr	H	H	CH_3	^{i}Pr	OCH_3	F	F	OH	H	H
XIX-23-3	^{i}Pr	H	H	$CH(CH_3)_2$	^{i}Pr	OCH_3	F	F	OH	H	H
XIX-23-4	^{i}Pr	H	H	$CH_2CH(CH_3)_2$	^{i}Pr	OCH_3	F	F	OH	H	H
XIX-23-5	^{i}Pr	H	H	CH_2Ph	^{i}Pr	OCH_3	F	F	OH	H	H
XIX-23-6	^{i}Pr	H	H	CH_2-indol-3-yl	^{i}Pr	OCH_3	F	F	OH	H	H
XIX-23-7	^{i}Pr	H	H	$CH_2CH_2SCH_3$	^{i}Pr	OCH_3	F	F	OH	H	H
XIX-23-8	^{i}Pr	*	H	*	^{i}Pr	OCH_3	F	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XIX-24.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XIX-24-1	^{t}Bu	H	H	H	^{i}Pr	OCH_3	F	F	OH	H	H
XIX-24-2	^{t}Bu	H	H	CH_3	^{i}Pr	OCH_3	F	F	OH	H	H
XIX-24-3	^{t}Bu	H	H	$CH(CH_3)_2$	^{i}Pr	OCH_3	F	F	OH	H	H
XIX-24-4	^{t}Bu	H	H	$CH_2CH(CH_3)_2$	^{i}Pr	OCH_3	F	F	OH	H	H
XIX-24-5	^{t}Bu	H	H	CH_2Ph	^{i}Pr	OCH_3	F	F	OH	H	H
XIX-24-6	^{t}Bu	H	H	CH_2-indol-3-yl	^{i}Pr	OCH_3	F	F	OH	H	H
XIX-24-7	^{t}Bu	H	H	$CH_2CH_2SCH_3$	^{i}Pr	OCH_3	F	F	OH	H	H
XIX-24-8	^{t}Bu	*	H	*	^{i}Pr	OCH_3	F	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XIX-25.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XIX-25-1	Ph	H	H	H	^{i}Pr	OCH_3	F	F	OH	H	H
XIX-25-2	Ph	H	H	CH_3	^{i}Pr	OCH_3	F	F	OH	H	H
XIX-25-3	Ph	H	H	$CH(CH_3)_2$	^{i}Pr	OCH_3	F	F	OH	H	H
XIX-25-4	Ph	H	H	$CH_2CH(CH_3)_2$	^{i}Pr	OCH_3	F	F	OH	H	H
XIX-25-5	Ph	H	H	CH_2Ph	^{i}Pr	OCH_3	F	F	OH	H	H
XIX-25-6	Ph	H	H	CH_2-indol-3-yl	^{i}Pr	OCH_3	F	F	OH	H	H
XIX-25-7	Ph	H	H	$CH_2CH_2SCH_3$	^{i}Pr	OCH_3	F	F	OH	H	H
XIX-25-8	Ph	*	H	*	^{i}Pr	OCH_3	F	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XIX-26.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XIX-26-1	p-Me-Ph	H	H	H	^{i}Pr	OCH_3	F	F	OH	H	H
XIX-26-2	p-Me-Ph	H	H	CH_3	^{i}Pr	OCH_3	F	F	OH	H	H
XIX-26-3	p-Me-Ph	H	H	$CH(CH_3)_2$	^{i}Pr	OCH_3	F	F	OH	H	H
XIX-26-4	p-Me-Ph	H	H	$CH_2CH(CH_3)_2$	^{i}Pr	OCH_3	F	F	OH	H	H
XIX-26-5	p-Me-Ph	H	H	CH_2Ph	^{i}Pr	OCH_3	F	F	OH	H	H
XIX-26-6	p-Me-Ph	H	H	CH_2-indol-3-yl	^{i}Pr	OCH_3	F	F	OH	H	H
XIX-26-7	p-Me-Ph	H	H	$CH_2CH_2SCH_3$	^{i}Pr	OCH_3	F	F	OH	H	H
XIX-26-8	p-Me-Ph	*	H	*	^{i}Pr	OCH_3	F	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XIX-27.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XIX-27-1	p-F-Ph	H	H	H	^{i}Pr	OCH_3	F	F	OH	H	H
XIX-27-2	p-F-Ph	H	H	CH_3	^{i}Pr	OCH_3	F	F	OH	H	H
XIX-27-3	p-F-Ph	H	H	$CH(CH_3)_2$	^{i}Pr	OCH_3	F	F	OH	H	H
XIX-27-4	p-F-Ph	H	H	$CH_2CH(CH_3)_2$	^{i}Pr	OCH_3	F	F	OH	H	H
XIX-27-5	p-F-Ph	H	H	CH_2Ph	^{i}Pr	OCH_3	F	F	OH	H	H
XIX-27-6	p-F-Ph	H	H	CH_2-indol-3-yl	^{i}Pr	OCH_3	F	F	OH	H	H
XIX-27-7	p-F-Ph	H	H	$CH_2CH_2SCH_3$	^{i}Pr	OCH_3	F	F	OH	H	H
XIX-27-8	p-F-Ph	*	H	*	^{i}Pr	OCH_3	F	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XIX-28.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XIX-28-1	p-Cl-Ph	H	H	H	^{i}Pr	OCH_3	F	F	OH	H	H
XIX-28-2	p-Cl-Ph	H	H	CH_3	^{i}Pr	OCH_3	F	F	OH	H	H
XIX-28-3	p-Cl-Ph	H	H	$CH(CH_3)_2$	^{i}Pr	OCH_3	F	F	OH	H	H
XIX-28-4	p-Cl-Ph	H	H	$CH_2CH(CH_3)_2$	^{i}Pr	OCH_3	F	F	OH	H	H
XIX-28-5	p-Cl-Ph	H	H	CH_2Ph	^{i}Pr	OCH_3	F	F	OH	H	H
XIX-28-6	p-Cl-Ph	H	H	CH_2-indol-3-yl	^{i}Pr	OCH_3	F	F	OH	H	H
XIX-28-7	p-Cl-Ph	H	H	$CH_2CH_2SCH_3$	^{i}Pr	OCH_3	F	F	OH	H	H
XIX-28-8	p-Cl-Ph	*	H	*	^{i}Pr	OCH_3	F	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XIX-29.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XIX-29-1	p-Br-Ph	H	H	H	^{i}Pr	OCH_3	F	F	OH	H	H
XIX-29-2	p-Br-Ph	H	H	CH_3	^{i}Pr	OCH_3	F	F	OH	H	H
XIX-29-3	p-Br-Ph	H	H	$CH(CH_3)_2$	^{i}Pr	OCH_3	F	F	OH	H	H
XIX-29-4	p-Br-Ph	H	H	$CH_2CH(CH_3)_2$	^{i}Pr	OCH_3	F	F	OH	H	H
XIX-29-5	p-Br-Ph	H	H	CH_2Ph	^{i}Pr	OCH_3	F	F	OH	H	H
XIX-29-6	p-Br-Ph	H	H	CH_2-indol-3-yl	^{i}Pr	OCH_3	F	F	OH	H	H
XIX-29-7	p-Br-Ph	H	H	$CH_2CH_2SCH_3$	^{i}Pr	OCH_3	F	F	OH	H	H
XIX-29-8	p-Br-Ph	*	H	*	^{i}Pr	OCH_3	F	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XIX-30.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XIX-30-1	p-I-Ph	H	H	H	^{i}Pr	OCH_3	F	F	OH	H	H
XIX-30-2	p-I-Ph	H	H	CH_3	^{i}Pr	OCH_3	F	F	OH	H	H
XIX-30-3	p-I-Ph	H	H	$CH(CH_3)_2$	^{i}Pr	OCH_3	F	F	OH	H	H
XIX-30-4	p-I-Ph	H	H	$CH_2CH(CH_3)_2$	^{i}Pr	OCH_3	F	F	OH	H	H
XIX-30-5	p-I-Ph	H	H	CH_2Ph	^{i}Pr	OCH_3	F	F	OH	H	H
XIX-30-6	p-I-Ph	H	H	CH_2-indol-3-yl	^{i}Pr	OCH_3	F	F	OH	H	H
XIX-30-7	p-I-Ph	H	H	$CH_2CH_2SCH_3$	^{i}Pr	OCH_3	F	F	OH	H	H
XIX-30-8	p-I-Ph	*	H	*	^{i}Pr	OCH_3	F	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XIX-31.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XIX-31-1	CH_3	H	H	H	^{n}Bu	OCH_3	F	F	OH	H	H
XIX-31-2	CH_3	H	H	CH_3	^{n}Bu	OCH_3	F	F	OH	H	H
XIX-31-3	CH_3	H	H	$CH(CH_3)_2$	^{n}Bu	OCH_3	F	F	OH	H	H
XIX-31-4	CH_3	H	H	$CH_2CH(CH_3)_2$	^{n}Bu	OCH_3	F	F	OH	H	H
XIX-31-5	CH_3	H	H	CH_2Ph	^{n}Bu	OCH_3	F	F	OH	H	H
XIX-31-6	CH_3	H	H	CH_2-indol-3-yl	^{n}Bu	OCH_3	F	F	OH	H	H
XIX-31-7	CH_3	H	H	$CH_2CH_2SCH_3$	^{n}Bu	OCH_3	F	F	OH	H	H
XIX-31-8	CH_3	*	H	*	^{n}Bu	OCH_3	F	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XIX-32.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XIX-32-1	Et	H	H	H	^{n}Bu	OCH_3	F	F	OH	H	H
XIX-32-2	Et	H	H	CH_3	^{n}Bu	OCH_3	F	F	OH	H	H
XIX-32-3	Et	H	H	$CH(CH_3)_2$	^{n}Bu	OCH_3	F	F	OH	H	H
XIX-32-4	Et	H	H	$CH_2CH(CH_3)_2$	^{n}Bu	OCH_3	F	F	OH	H	H
XIX-32-5	Et	H	H	CH_2Ph	^{n}Bu	OCH_3	F	F	OH	H	H
XIX-32-6	Et	H	H	CH_2-indol-3-yl	^{n}Bu	OCH_3	F	F	OH	H	H
XIX-32-7	Et	H	H	$CH_2CH_2SCH_3$	^{n}Bu	OCH_3	F	F	OH	H	H
XIX-32-8	Et	*	H	*	^{n}Bu	OCH_3	F	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XIX-33.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XIX-33-1	^{i}Pr	H	H	H	^{n}Bu	OCH_3	F	F	OH	H	H
XIX-33-2	^{i}Pr	H	H	CH_3	^{n}Bu	OCH_3	F	F	OH	H	H
XIX-33-3	^{i}Pr	H	H	$CH(CH_3)_2$	^{n}Bu	OCH_3	F	F	OH	H	H
XIX-33-4	^{i}Pr	H	H	$CH_2CH(CH_3)_2$	^{n}Bu	OCH_3	F	F	OH	H	H
XIX-33-5	^{i}Pr	H	H	CH_2Ph	^{n}Bu	OCH_3	F	F	OH	H	H
XIX-33-6	^{i}Pr	H	H	CH_2-indol-3-yl	^{n}Bu	OCH_3	F	F	OH	H	H
XIX-33-7	^{i}Pr	H	H	$CH_2CH_2SCH_3$	^{n}Bu	OCH_3	F	F	OH	H	H
XIX-33-8	^{i}Pr	*	H	*	^{n}Bu	OCH_3	F	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XIX-34.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XIX-34-1	^{t}Bu	H	H	H	^{n}Bu	OCH_3	F	F	OH	H	H
XIX-34-2	^{t}Bu	H	H	CH_3	^{n}Bu	OCH_3	F	F	OH	H	H
XIX-34-3	^{t}Bu	H	H	$CH(CH_3)_2$	^{n}Bu	OCH_3	F	F	OH	H	H
XIX-34-4	^{t}Bu	H	H	$CH_2CH(CH_3)_2$	^{n}Bu	OCH_3	F	F	OH	H	H
XIX-34-5	^{t}Bu	H	H	CH_2Ph	^{n}Bu	OCH_3	F	F	OH	H	H
XIX-34-6	^{t}Bu	H	H	CH_2-indol-3-yl	^{n}Bu	OCH_3	F	F	OH	H	H
XIX-34-7	^{t}Bu	H	H	$CH_2CH_2SCH_3$	^{n}Bu	OCH_3	F	F	OH	H	H
XIX-34-8	^{t}Bu	*	H	*	^{n}Bu	OCH_3	F	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XIX-35.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XIX-35-1	Ph	H	H	H	^{n}Bu	OCH_3	F	F	OH	H	H
XIX-35-2	Ph	H	H	CH_3	^{n}Bu	OCH_3	F	F	OH	H	H
XIX-35-3	Ph	H	H	$CH(CH_3)_2$	^{n}Bu	OCH_3	F	F	OH	H	H
XIX-35-4	Ph	H	H	$CH_2CH(CH_3)_2$	^{n}Bu	OCH_3	F	F	OH	H	H
XIX-35-5	Ph	H	H	CH_2Ph	^{n}Bu	OCH_3	F	F	OH	H	H
XIX-35-6	Ph	H	H	CH_2-indol-3-yl	^{n}Bu	OCH_3	F	F	OH	H	H
XIX-35-7	Ph	H	H	$CH_2CH_2SCH_3$	^{n}Bu	OCH_3	F	F	OH	H	H
XIX-35-8	Ph	*	H	*	^{n}Bu	OCH_3	F	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XIX-36.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XIX-36-1	p-Me-Ph	H	H	H	^{n}Bu	OCH_3	F	F	OH	H	H
XIX-36-2	p-Me-Ph	H	H	CH_3	^{n}Bu	OCH_3	F	F	OH	H	H
XIX-36-3	p-Me-Ph	H	H	$CH(CH_3)_2$	^{n}Bu	OCH_3	F	F	OH	H	H
XIX-36-4	p-Me-Ph	H	H	$CH_2CH(CH_3)_2$	^{n}Bu	OCH_3	F	F	OH	H	H
XIX-36-5	p-Me-Ph	H	H	CH_2Ph	^{n}Bu	OCH_3	F	F	OH	H	H
XIX-36-6	p-Me-Ph	H	H	CH_2-indol-3-yl	^{n}Bu	OCH_3	F	F	OH	H	H
XIX-36-7	p-Me-Ph	H	H	$CH_2CH_2SCH_3$	^{n}Bu	OCH_3	F	F	OH	H	H
XIX-36-8	p-Me-Ph	*	H	*	^{n}Bu	OCH_3	F	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XIX-37.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XIX-37-1	p-F-Ph	H	H	H	^{n}Bu	OCH_3	F	F	OH	H	H
XIX-37-2	p-F-Ph	H	H	CH_3	^{n}Bu	OCH_3	F	F	OH	H	H
XIX-37-3	p-F-Ph	H	H	$CH(CH_3)_2$	^{n}Bu	OCH_3	F	F	OH	H	H
XIX-37-4	p-F-Ph	H	H	$CH_2CH(CH_3)_2$	^{n}Bu	OCH_3	F	F	OH	H	H
XIX-37-5	p-F-Ph	H	H	CH_2Ph	^{n}Bu	OCH_3	F	F	OH	H	H
XIX-37-6	p-F-Ph	H	H	CH_2-indol-3-yl	^{n}Bu	OCH_3	F	F	OH	H	H
XIX-37-7	p-F-Ph	H	H	$CH_2CH_2SCH_3$	^{n}Bu	OCH_3	F	F	OH	H	H
XIX-37-8	p-F-Ph	*	H	*	^{n}Bu	OCH_3	F	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XIX-38.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XIX-38-1	p-Cl-Ph	H	H	H	^{n}Bu	OCH_3	F	F	OH	H	H
XIX-38-2	p-Cl-Ph	H	H	CH_3	^{n}Bu	OCH_3	F	F	OH	H	H
XIX-38-3	p-Cl-Ph	H	H	$CH(CH_3)_2$	^{n}Bu	OCH_3	F	F	OH	H	H
XIX-38-4	p-Cl-Ph	H	H	$CH_2CH(CH_3)_2$	^{n}Bu	OCH_3	F	F	OH	H	H
XIX-38-5	p-Cl-Ph	H	H	CH_2Ph	^{n}Bu	OCH_3	F	F	OH	H	H
XIX-38-6	p-Cl-Ph	H	H	CH_2-indol-3-yl	^{n}Bu	OCH_3	F	F	OH	H	H
XIX-38-7	p-Cl-Ph	H	H	$CH_2CH_2SCH_3$	^{n}Bu	OCH_3	F	F	OH	H	H
XIX-38-8	p-Cl-Ph	*	H	*	^{n}Bu	OCH_3	F	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XIX-39.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XIX-39-1	p-Br-Ph	H	H	H	^{n}Bu	OCH_3	F	F	OH	H	H
XIX-39-2	p-Br-Ph	H	H	CH_3	^{n}Bu	OCH_3	F	F	OH	H	H
XIX-39-3	p-Br-Ph	H	H	$CH(CH_3)_2$	^{n}Bu	OCH_3	F	F	OH	H	H
XIX-39-4	p-Br-Ph	H	H	$CH_2CH(CH_3)_2$	^{n}Bu	OCH_3	F	F	OH	H	H
XIX-39-5	p-Br-Ph	H	H	CH_2Ph	^{n}Bu	OCH_3	F	F	OH	H	H
XIX-39-6	p-Br-Ph	H	H	CH_2-indol-3-yl	^{n}Bu	OCH_3	F	F	OH	H	H
XIX-39-7	p-Br-Ph	H	H	$CH_2CH_2SCH_3$	^{n}Bu	OCH_3	F	F	OH	H	H
XIX-39-8	p-Br-Ph	*	H	*	^{n}Bu	OCH_3	F	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XIX-40.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XIX-40-1	p-I-Ph	H	H	H	^{n}Bu	OCH_3	F	F	OH	H	H
XIX-40-2	p-I-Ph	H	H	CH_3	^{n}Bu	OCH_3	F	F	OH	H	H
XIX-40-3	p-I-Ph	H	H	$CH(CH_3)_2$	^{n}Bu	OCH_3	F	F	OH	H	H
XIX-40-4	p-I-Ph	H	H	$CH_2CH(CH_3)_2$	^{n}Bu	OCH_3	F	F	OH	H	H
XIX-40-5	p-I-Ph	H	H	CH_2Ph	^{n}Bu	OCH_3	F	F	OH	H	H
XIX-40-6	p-I-Ph	H	H	CH_2-indol-3-yl	^{n}Bu	OCH_3	F	F	OH	H	H
XIX-40-7	p-I-Ph	H	H	$CH_2CH_2SCH_3$	^{n}Bu	OCH_3	F	F	OH	H	H
XIX-40-8	p-I-Ph	*	H	*	^{n}Bu	OCH_3	F	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XIX-41.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XIX-41-1	CH_3	H	H	H	Bz	OCH_3	F	F	OH	H	H
XIX-41-2	CH_3	H	H	CH_3	Bz	OCH_3	F	F	OH	H	H
XIX-41-3	CH_3	H	H	$CH(CH_3)_2$	Bz	OCH_3	F	F	OH	H	H
XIX-41-4	CH_3	H	H	$CH_2CH(CH_3)_2$	Bz	OCH_3	F	F	OH	H	H
XIX-41-5	CH_3	H	H	CH_2Ph	Bz	OCH_3	F	F	OH	H	H
XIX-41-6	CH_3	H	H	CH_2-indol-3-yl	Bz	OCH_3	F	F	OH	H	H
XIX-41-7	CH_3	H	H	$CH_2CH_2SCH_3$	Bz	OCH_3	F	F	OH	H	H
XIX-41-8	CH_3	*	H	*	Bz	OCH_3	F	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XIX-42.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XIX-42-1	Et	H	H	H	Bz	OCH_3	F	F	OH	H	H
XIX-42-2	Et	H	H	CH_3	Bz	OCH_3	F	F	OH	H	H
XIX-42-3	Et	H	H	$CH(CH_3)_2$	Bz	OCH_3	F	F	OH	H	H
XIX-42-4	Et	H	H	$CH_2CH(CH_3)_2$	Bz	OCH_3	F	F	OH	H	H
XIX-42-5	Et	H	H	CH_2Ph	Bz	OCH_3	F	F	OH	H	H
XIX-42-6	Et	H	H	CH_2-indol-3-yl	Bz	OCH_3	F	F	OH	H	H
XIX-42-7	Et	H	H	$CH_2CH_2SCH_3$	Bz	OCH_3	F	F	OH	H	H
XIX-42-8	Et	*	H	*	Bz	OCH_3	F	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XIX-43.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XIX-43-1	^{i}Pr	H	H	H	Bz	OCH_3	F	F	OH	H	H
XIX-43-2	^{i}Pr	H	H	CH_3	Bz	OCH_3	F	F	OH	H	H
XIX-43-3	^{i}Pr	H	H	$CH(CH_3)_2$	Bz	OCH_3	F	F	OH	H	H
XIX-43-4	^{i}Pr	H	H	$CH_2CH(CH_3)_2$	Bz	OCH_3	F	F	OH	H	H
XIX-43-5	^{i}Pr	H	H	CH_2Ph	Bz	OCH_3	F	F	OH	H	H
XIX-43-6	^{i}Pr	H	H	CH_2-indol-3-yl	Bz	OCH_3	F	F	OH	H	H
XIX-43-7	^{i}Pr	H	H	$CH_2CH_2SCH_3$	Bz	OCH_3	F	F	OH	H	H
XIX-43-8	^{i}Pr	*	H	*	Bz	OCH_3	F	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XIX-44.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XIX-44-1	^{t}Bu	H	H	H	Bz	OCH_3	F	F	OH	H	H
XIX-44-2	^{t}Bu	H	H	CH_3	Bz	OCH_3	F	F	OH	H	H
XIX-44-3	^{t}Bu	H	H	$CH(CH_3)_2$	Bz	OCH_3	F	F	OH	H	H
XIX-44-4	^{t}Bu	H	H	$CH_2CH(CH_3)_2$	Bz	OCH_3	F	F	OH	H	H
XIX-44-5	^{t}Bu	H	H	CH_2Ph	Bz	OCH_3	F	F	OH	H	H
XIX-44-6	^{t}Bu	H	H	CH_2-indol-3-yl	Bz	OCH_3	F	F	OH	H	H
XIX-44-7	^{t}Bu	H	H	$CH_2CH_2SCH_3$	Bz	OCH_3	F	F	OH	H	H
XIX-44-8	^{t}Bu	*	H	*	Bz	OCH_3	F	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XIX-45.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XIX-45-1	Ph	H	H	H	Bz	OCH_3	F	F	OH	H	H
XIX-45-2	Ph	H	H	CH_3	Bz	OCH_3	F	F	OH	H	H
XIX-45-3	Ph	H	H	$CH(CH_3)_2$	Bz	OCH_3	F	F	OH	H	H
XIX-45-4	Ph	H	H	$CH_2CH(CH_3)_2$	Bz	OCH_3	F	F	OH	H	H
XIX-45-5	Ph	H	H	CH_2Ph	Bz	OCH_3	F	F	OH	H	H
XIX-45-6	Ph	H	H	CH_2-indol-3-yl	Bz	OCH_3	F	F	OH	H	H
XIX-45-7	Ph	H	H	$CH_2CH_2SCH_3$	Bz	OCH_3	F	F	OH	H	H
XIX-45-8	Ph	*	H	*	Bz	OCH_3	F	F	OH	H	H

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*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XIX-46.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XIX-46-1	p-Me-Ph	H	H	H	Bz	OCH_3	F	F	OH	H	H
XIX-46-2	p-Me-Ph	H	H	CH_3	Bz	OCH_3	F	F	OH	H	H
XIX-46-3	p-Me-Ph	H	H	$CH(CH_3)_2$	Bz	OCH_3	F	F	OH	H	H
XIX-46-4	p-Me-Ph	H	H	$CH_2CH(CH_3)_2$	Bz	OCH_3	F	F	OH	H	H
XIX-46-5	p-Me-Ph	H	H	CH_2Ph	Bz	OCH_3	F	F	OH	H	H
XIX-46-6	p-Me-Ph	H	H	CH_2-indol-3-yl	Bz	OCH_3	F	F	OH	H	H
XIX-46-7	p-Me-Ph	H	H	$CH_2CH_2SCH_3$	Bz	OCH_3	F	F	OH	H	H
XIX-46-8	p-Me-Ph	*	H	*	Bz	OCH_3	F	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XIX-47.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XIX-47-1	p-F-Ph	H	H	H	Bz	OCH_3	F	F	OH	H	H
XIX-47-2	p-F-Ph	H	H	CH_3	Bz	OCH_3	F	F	OH	H	H
XIX-47-3	p-F-Ph	H	H	$CH(CH_3)_2$	Bz	OCH_3	F	F	OH	H	H
XIX-47-4	p-F-Ph	H	H	$CH_2CH(CH_3)_2$	Bz	OCH_3	F	F	OH	H	H
XIX-47-5	p-F-Ph	H	H	CH_2Ph	Bz	OCH_3	F	F	OH	H	H
XIX-47-6	p-F-Ph	H	H	CH_2-indol-3-yl	Bz	OCH_3	F	F	OH	H	H
XIX-47-7	p-F-Ph	H	H	$CH_2CH_2SCH_3$	Bz	OCH_3	F	F	OH	H	H
XIX-47-8	p-F-Ph	*	H	*	Bz	OCH_3	F	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XIX-48.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XIX-48-1	p-Cl-Ph	H	H	H	Bz	OCH_3	F	F	OH	H	H
XIX-48-2	p-Cl-Ph	H	H	CH_3	Bz	OCH_3	F	F	OH	H	H
XIX-48-3	p-Cl-Ph	H	H	$CH(CH_3)_2$	Bz	OCH_3	F	F	OH	H	H
XIX-48-4	p-Cl-Ph	H	H	$CH_2CH(CH_3)_2$	Bz	OCH_3	F	F	OH	H	H
XIX-48-5	p-Cl-Ph	H	H	CH_2Ph	Bz	OCH_3	F	F	OH	H	H
XIX-48-6	p-Cl-Ph	H	H	CH_2-indol-3-yl	Bz	OCH_3	F	F	OH	H	H
XIX-48-7	p-Cl-Ph	H	H	$CH_2CH_2SCH_3$	Bz	OCH_3	F	F	OH	H	H

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№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XIX-48-8	p-Cl-Ph	*	H	*	Bz	OCH_3	F	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XIX-49.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XIX-49-1	p-Br-Ph	H	H	H	Bz	OCH_3	F	F	OH	H	H
XIX-49-2	p-Br-Ph	H	H	CH_3	Bz	OCH_3	F	F	OH	H	H
XIX-49-3	p-Br-Ph	H	H	$CH(CH_3)_2$	Bz	OCH_3	F	F	OH	H	H
XIX-49-4	p-Br-Ph	H	H	$CH_2CH(CH_3)_2$	Bz	OCH_3	F	F	OH	H	H
XIX-49-5	p-Br-Ph	H	H	CH_2Ph	Bz	OCH_3	F	F	OH	H	H
XIX-49-6	p-Br-Ph	H	H	CH_2-indol-3-yl	Bz	OCH_3	F	F	OH	H	H
XIX-49-7	p-Br-Ph	H	H	$CH_2CH_2SCH_3$	Bz	OCH_3	F	F	OH	H	H
XIX-49-8	p-Br-Ph	*	H	*	Bz	OCH_3	F	F	OH	H	H

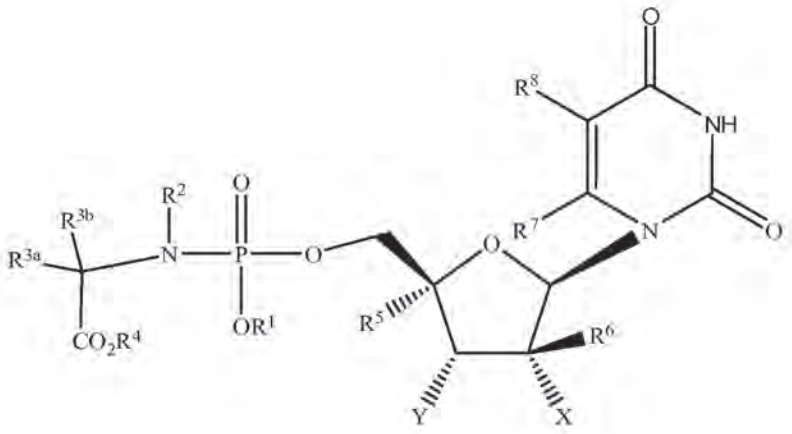
*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XIX-50.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XIX-50-1	p-I-Ph	H	H	H	Bz	OCH_3	F	F	OH	H	H
XIX-50-2	p-I-Ph	H	H	CH_3	Bz	OCH_3	F	F	OH	H	H
XIX-50-3	p-I-Ph	H	H	$CH(CH_3)_2$	Bz	OCH_3	F	F	OH	H	H
XIX-50-4	p-I-Ph	H	H	$CH_2CH(CH_3)_2$	Bz	OCH_3	F	F	OH	H	H
XIX-50-5	p-I-Ph	H	H	CH_2Ph	Bz	OCH_3	F	F	OH	H	H
XIX-50-6	p-I-Ph	H	H	CH_2-indol-3-yl	Bz	OCH_3	F	F	OH	H	H
XIX-50-7	p-I-Ph	H	H	$CH_2CH_2SCH_3$	Bz	OCH_3	F	F	OH	H	H
XIX-50-8	p-I-Ph	*	H	*	Bz	OCH_3	F	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XX-1.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XX-1-1	CH_3	H	H	H	CH_3	OCH_3	H	F	OH	H	H
XX-1-2	CH_3	H	H	CH_3	CH_3	OCH_3	H	F	OH	H	H
XX-1-3	CH_3	H	H	$CH(CH_3)_2$	CH_3	OCH_3	H	F	OH	H	H
XX-1-4	CH_3	H	H	$CH_2CH(CH_3)_2$	CH_3	OCH_3	H	F	OH	H	H
XX-1-5	CH_3	H	H	CH_2Ph	CH_3	OCH_3	H	F	OH	H	H
XX-1-6	CH_3	H	H	CH_2-indol-3-yl	CH_3	OCH_3	H	F	OH	H	H
XX-1-7	CH_3	H	H	$CH_2CH_2SCH_3$	CH_3	OCH_3	H	F	OH	H	H
XX-1-8	CH_3	*	H	*	CH_3	OCH_3	H	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XX-2.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XX-2-1	Et	H	H	H	CH_3	OCH_3	H	F	OH	H	H
XX-2-2	Et	H	H	CH_3	CH_3	OCH_3	H	F	OH	H	H
XX-2-3	Et	H	H	$CH(CH_3)_2$	CH_3	OCH_3	H	F	OH	H	H
XX-2-4	Et	H	H	$CH_2CH(CH_3)_2$	CH_3	OCH_3	H	F	OH	H	H
XX-2-5	Et	H	H	CH_2Ph	CH_3	OCH_3	H	F	OH	H	H
XX-2-6	Et	H	H	CH_2-indol-3-yl	CH_3	OCH_3	H	F	OH	H	H
XX-2-7	Et	H	H	$CH_2CH_2SCH_3$	CH_3	OCH_3	H	F	OH	H	H
XX-2-8	Et	*	H	*	CH_3	OCH_3	H	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XX-3.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XX-3-1	^{i}Pr	H	H	H	CH_3	OCH_3	H	F	OH	H	H
XX-3-2	^{i}Pr	H	H	CH_3	CH_3	OCH_3	H	F	OH	H	H
XX-3-3	^{i}Pr	H	H	$CH(CH_3)_2$	CH_3	OCH_3	H	F	OH	H	H
XX-3-4	^{i}Pr	H	H	$CH_2CH(CH_3)_2$	CH_3	OCH_3	H	F	OH	H	H
XX-3-5	^{i}Pr	H	H	CH_2Ph	CH_3	OCH_3	H	F	OH	H	H
XX-3-6	^{i}Pr	H	H	CH_2-indol-3-yl	CH_3	OCH_3	H	F	OH	H	H
XX-3-7	^{i}Pr	H	H	$CH_2CH_2SCH_3$	CH_3	OCH_3	H	F	OH	H	H
XX-3-8	^{i}Pr	*	H	*	CH_3	OCH_3	H	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XX-4.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XX-4-1	^{t}Bu	H	H	H	CH_3	OCH_3	H	F	OH	H	H
XX-4-2	^{t}Bu	H	H	CH_3	CH_3	OCH_3	H	F	OH	H	H
XX-4-3	^{t}Bu	H	H	$CH(CH_3)_2$	CH_3	OCH_3	H	F	OH	H	H
XX-4-4	^{t}Bu	H	H	$CH_2CH(CH_3)_2$	CH_3	OCH_3	H	F	OH	H	H
XX-4-5	^{t}Bu	H	H	CH_2Ph	CH_3	OCH_3	H	F	OH	H	H
XX-4-6	^{t}Bu	H	H	CH_2-indol-3-yl	CH_3	OCH_3	H	F	OH	H	H
XX-4-7	^{t}Bu	H	H	$CH_2CH_2SCH_3$	CH_3	OCH_3	H	F	OH	H	H
XX-4-8	^{t}Bu	*	H	*	CH_3	OCH_3	H	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XX-5.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XX-5-1	Ph	H	H	H	CH_3	OCH_3	H	F	OH	H	H
XX-5-2	Ph	H	H	CH_3	CH_3	OCH_3	H	F	OH	H	H
XX-5-3	Ph	H	H	$CH(CH_3)_2$	CH_3	OCH_3	H	F	OH	H	H
XX-5-4	Ph	H	H	$CH_2CH(CH_3)_2$	CH_3	OCH_3	H	F	OH	H	H
XX-5-5	Ph	H	H	CH_2Ph	CH_3	OCH_3	H	F	OH	H	H
XX-5-6	Ph	H	H	CH_2-indol-3-yl	CH_3	OCH_3	H	F	OH	H	H
XX-5-7	Ph	H	H	$CH_2CH_2SCH_3$	CH_3	OCH_3	H	F	OH	H	H
XX-5-8	Ph	*	H	*	CH_3	OCH_3	H	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XX-6.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XX-6-1	p-Me-Ph	H	H	H	CH_3	OCH_3	H	F	OH	H	H
XX-6-2	p-Me-Ph	H	H	CH_3	CH_3	OCH_3	H	F	OH	H	H
XX-6-3	p-Me-Ph	H	H	$CH(CH_3)_2$	CH_3	OCH_3	H	F	OH	H	H
XX-6-4	p-Me-Ph	H	H	$CH_2CH(CH_3)_2$	CH_3	OCH_3	H	F	OH	H	H
XX-6-5	p-Me-Ph	H	H	CH_2Ph	CH_3	OCH_3	H	F	OH	H	H
XX-6-6	p-Me-Ph	H	H	CH_2-indol-3-yl	CH_3	OCH_3	H	F	OH	H	H
XX-6-7	p-Me-Ph	H	H	$CH_2CH_2SCH_3$	CH_3	OCH_3	H	F	OH	H	H
XX-6-8	p-Me-Ph	*	H	*	CH_3	OCH_3	H	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XX-7.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XX-7-1	p-F-Ph	H	H	H	CH_3	OCH_3	H	F	OH	H	H
XX-7-2	p-F-Ph	H	H	CH_3	CH_3	OCH_3	H	F	OH	H	H
XX-7-3	p-F-Ph	H	H	$CH(CH_3)_2$	CH_3	OCH_3	H	F	OH	H	H
XX-7-4	p-F-Ph	H	H	$CH_2CH(CH_3)_2$	CH_3	OCH_3	H	F	OH	H	H
XX-7-6	p-F-Ph	H	H	CH_2Ph	CH_3	OCH_3	H	F	OH	H	H
XX-7-7	p-F-Ph	H	H	CH_2-indol-3-yl	CH_3	OCH_3	H	F	OH	H	H
XX-7-8	p-F-Ph	H	H	$CH_2CH_2SCH_3$	CH_3	OCH_3	H	F	OH	H	H
XX-7-20	p-F-Ph	*	H	*	CH_3	OCH_3	H	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XX-8.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XX-8-1	p-Cl-Ph	H	H	H	CH_3	OCH_3	H	F	OH	H	H
XX-8-2	p-Cl-Ph	H	H	CH_3	CH_3	OCH_3	H	F	OH	H	H
XX-8-3	p-Cl-Ph	H	H	$CH(CH_3)_2$	CH_3	OCH_3	H	F	OH	H	H
XX-8-4	p-Cl-Ph	H	H	$CH_2CH(CH_3)_2$	CH_3	OCH_3	H	F	OH	H	H
XX-8-5	p-Cl-Ph	H	H	CH_2Ph	CH_3	OCH_3	H	F	OH	H	H
XX-8-6	p-Cl-Ph	H	H	CH_2-indol-3-yl	CH_3	OCH_3	H	F	OH	H	H
XX-8-7	p-Cl-Ph	H	H	$CH_2CH_2SCH_3$	CH_3	OCH_3	H	F	OH	H	H
XX-8-8	p-Cl-Ph	*	H	*	CH_3	OCH_3	H	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XX-9.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XX-9-1	p-Br-Ph	H	H	H	CH_3	OCH_3	H	F	OH	H	H
XX-9-2	p-Br-Ph	H	H	CH_3	CH_3	OCH_3	H	F	OH	H	H
XX-9-3	p-Br-Ph	H	H	$CH(CH_3)_2$	CH_3	OCH_3	H	F	OH	H	H
XX-9-4	p-Br-Ph	H	H	$CH_2CH(CH_3)_2$	CH_3	OCH_3	H	F	OH	H	H
XX-9-6	p-Br-Ph	H	H	CH_2Ph	CH_3	OCH_3	H	F	OH	H	H
XX-9-7	p-Br-Ph	H	H	CH_2-indol-3-yl	CH_3	OCH_3	H	F	OH	H	H
XX-9-8	p-Br-Ph	H	H	$CH_2CH_2SCH_3$	CH_3	OCH_3	H	F	OH	H	H
XX-9-20	p-Br-Ph	*	H	*	CH_3	OCH_3	H	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XX-10.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XX-10-1	p-I-Ph	H	H	H	CH_3	OCH_3	H	F	OH	H	H
XX-10-2	p-I-Ph	H	H	CH_3	CH_3	OCH_3	H	F	OH	H	H
XX-10-3	p-I-Ph	H	H	$CH(CH_3)_2$	CH_3	OCH_3	H	F	OH	H	H
XX-10-4	p-I-Ph	H	H	$CH_2CH(CH_3)_2$	CH_3	OCH_3	H	F	OH	H	H
XX-10-5	p-I-Ph	H	H	CH_2Ph	CH_3	OCH_3	H	F	OH	H	H
XX-10-6	p-I-Ph	H	H	CH_2-indol-3-yl	CH_3	OCH_3	H	F	OH	H	H
XX-10-7	p-I-Ph	H	H	$CH_2CH_2SCH_3$	CH_3	OCH_3	H	F	OH	H	H
XX-10-8	p-I-Ph	*	H	*	CH_3	OCH_3	H	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XX-11.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XX-11-1	CH_3	H	H	H	Et	OCH_3	H	F	OH	H	H
XX-11-2	CH_3	H	H	CH_3	Et	OCH_3	H	F	OH	H	H
XX-11-3	CH_3	H	H	$CH(CH_3)_2$	Et	OCH_3	H	F	OH	H	H
XX-11-4	CH_3	H	H	$CH_2CH(CH_3)_2$	Et	OCH_3	H	F	OH	H	H
XX-11-5	CH_3	H	H	CH_2Ph	Et	OCH_3	H	F	OH	H	H
XX-11-6	CH_3	H	H	CH_2-indol-3-yl	Et	OCH_3	H	F	OH	H	H
XX-11-7	CH_3	H	H	$CH_2CH_2SCH_3$	Et	OCH_3	H	F	OH	H	H
XX-11-8	CH_3	*	H	*	Et	OCH_3	H	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XX-12.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XX-12-1	Et	H	H	H	Et	OCH_3	H	F	OH	H	H
XX-12-2	Et	H	H	CH_3	Et	OCH_3	H	F	OH	H	H
XX-12-3	Et	H	H	$CH(CH_3)_2$	Et	OCH_3	H	F	OH	H	H
XX-12-4	Et	H	H	$CH_2CH(CH_3)_2$	Et	OCH_3	H	F	OH	H	H
XX-12-5	Et	H	H	CH_2Ph	Et	OCH_3	H	F	OH	H	H
XX-12-6	Et	H	H	CH_2-indol-3-yl	Et	OCH_3	H	F	OH	H	H
XX-12-7	Et	H	H	$CH_2CH_2SCH_3$	Et	OCH_3	H	F	OH	H	H
XX-12-8	Et	*	H	*	Et	OCH_3	H	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XX-13.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XX-13-1	^{i}Pr	H	H	H	Et	OCH_3	H	F	OH	H	H
XX-13-2	^{i}Pr	H	H	CH_3	Et	OCH_3	H	F	OH	H	H
XX-13-3	^{i}Pr	H	H	$CH(CH_3)_2$	Et	OCH_3	H	F	OH	H	H
XX-13-4	^{i}Pr	H	H	$CH_2CH(CH_3)_2$	Et	OCH_3	H	F	OH	H	H
XX-13-5	^{i}Pr	H	H	CH_2Ph	Et	OCH_3	H	F	OH	H	H
XX-13-6	^{i}Pr	H	H	CH_2-indol-3-yl	Et	OCH_3	H	F	OH	H	H
XX-13-7	^{i}Pr	H	H	$CH_2CH_2SCH_3$	Et	OCH_3	H	F	OH	H	H
XX-13-8	^{i}Pr	*	H	*	Et	OCH_3	H	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XX-14.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XX-14-1	^{t}Bu	H	H	H	Et	OCH_3	H	F	OH	H	H
XX-14-2	^{t}Bu	H	H	CH_3	Et	OCH_3	H	F	OH	H	H
XX-14-3	^{t}Bu	H	H	$CH(CH_3)_2$	Et	OCH_3	H	F	OH	H	H
XX-14-4	^{t}Bu	H	H	$CH_2CH(CH_3)_2$	Et	OCH_3	H	F	OH	H	H
XX-14-5	^{t}Bu	H	H	CH_2Ph	Et	OCH_3	H	F	OH	H	H
XX-14-6	^{t}Bu	H	H	CH_2-indol-3-yl	Et	OCH_3	H	F	OH	H	H
XX-14-7	^{t}Bu	H	H	$CH_2CH_2SCH_3$	Et	OCH_3	H	F	OH	H	H
XX-14-8	^{t}Bu	*	H	*	Et	OCH_3	H	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XX-15.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XX-15-1	Ph	H	H	H	Et	OCH_3	H	F	OH	H	H
XX-15-2	Ph	H	H	CH_3	Et	OCH_3	H	F	OH	H	H
XX-15-3	Ph	H	H	$CH(CH_3)_2$	Et	OCH_3	H	F	OH	H	H
XX-15-4	Ph	H	H	$CH_2CH(CH_3)_2$	Et	OCH_3	H	F	OH	H	H
XX-15-5	Ph	H	H	CH_2Ph	Et	OCH_3	H	F	OH	H	H
XX-15-6	Ph	H	H	CH_2-indol-3-yl	Et	OCH_3	H	F	OH	H	H
XX-15-7	Ph	H	H	$CH_2CH_2SCH_3$	Et	OCH_3	H	F	OH	H	H
XX-15-8	Ph	*	H	*	Et	OCH_3	H	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XX-16.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XX-16-1	p-Me-Ph	H	H	H	Et	OCH_3	H	F	OH	H	H
XX-16-2	p-Me-Ph	H	H	CH_3	Et	OCH_3	H	F	OH	H	H
XX-16-3	p-Me-Ph	H	H	$CH(CH_3)_2$	Et	OCH_3	H	F	OH	H	H
XX-16-4	p-Me-Ph	H	H	$CH_2CH(CH_3)_2$	Et	OCH_3	H	F	OH	H	H
XX-16-5	p-Me-Ph	H	H	CH_2Ph	Et	OCH_3	H	F	OH	H	H
XX-16-6	p-Me-Ph	H	H	CH_2-indol-3-yl	Et	OCH_3	H	F	OH	H	H
XX-16-7	p-Me-Ph	H	H	$CH_2CH_2SCH_3$	Et	OCH_3	H	F	OH	H	H
XX-16-8	p-Me-Ph	*	H	*	Et	OCH_3	H	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XX-17.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XX-17-1	p-F-Ph	H	H	H	Et	OCH_3	H	F	OH	H	H
XX-17-2	p-F-Ph	H	H	CH_3	Et	OCH_3	H	F	OH	H	H
XX-17-3	p-F-Ph	H	H	$CH(CH_3)_2$	Et	OCH_3	H	F	OH	H	H
XX-17-4	p-F-Ph	H	H	$CH_2CH(CH_3)_2$	Et	OCH_3	H	F	OH	H	H
XX-17-5	p-F-Ph	H	H	CH_2Ph	Et	OCH_3	H	F	OH	H	H
XX-17-6	p-F-Ph	H	H	CH_2-indol-3-yl	Et	OCH_3	H	F	OH	H	H
XX-17-7	p-F-Ph	H	H	$CH_2CH_2SCH_3$	Et	OCH_3	H	F	OH	H	H
XX-17-8	p-F-Ph	*	H	*	Et	OCH_3	H	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XX-18.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XX-18-1	p-Cl-Ph	H	H	H	Et	OCH_3	H	F	OH	H	H
XX-18-2	p-Cl-Ph	H	H	CH_3	Et	OCH_3	H	F	OH	H	H
XX-18-3	p-Cl-Ph	H	H	$CH(CH_3)_2$	Et	OCH_3	H	F	OH	H	H
XX-18-4	p-Cl-Ph	H	H	$CH_2CH(CH_3)_2$	Et	OCH_3	H	F	OH	H	H
XX-18-5	p-Cl-Ph	H	H	CH_2Ph	Et	OCH_3	H	F	OH	H	H
XX-18-6	p-Cl-Ph	H	H	CH_2-indol-3-yl	Et	OCH_3	H	F	OH	H	H
XX-18-7	p-Cl-Ph	H	H	$CH_2CH_2SCH_3$	Et	OCH_3	H	F	OH	H	H
XX-18-8	p-Cl-Ph	*	H	*	Et	OCH_3	H	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XX-19.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XX-19-1	p-Br-Ph	H	H	H	Et	OCH_3	H	F	OH	H	H
XX-19-2	p-Br-Ph	H	H	CH_3	Et	OCH_3	H	F	OH	H	H
XX-19-3	p-Br-Ph	H	H	$CH(CH_3)_2$	Et	OCH_3	H	F	OH	H	H
XX-19-4	p-Br-Ph	H	H	$CH_2CH(CH_3)_2$	Et	OCH_3	H	F	OH	H	H
XX-19-5	p-Br-Ph	H	H	CH_2Ph	Et	OCH_3	H	F	OH	H	H
XX-19-6	p-Br-Ph	H	H	CH_2-indol-3-yl	Et	OCH_3	H	F	OH	H	H
XX-19-7	p-Br-Ph	H	H	$CH_2CH_2SCH_3$	Et	OCH_3	H	F	OH	H	H
XX-19-8	p-Br-Ph	*	H	*	Et	OCH_3	H	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XX-20.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XX-20-1	p-I-Ph	H	H	H	Et	OCH_3	H	F	OH	H	H
XX-20-2	p-I-Ph	H	H	CH_3	Et	OCH_3	H	F	OH	H	H
XX-20-3	p-I-Ph	H	H	$CH(CH_3)_2$	Et	OCH_3	H	F	OH	H	H
XX-20-4	p-I-Ph	H	H	$CH_2CH(CH_3)_2$	Et	OCH_3	H	F	OH	H	H
XX-20-5	p-I-Ph	H	H	CH_2Ph	Et	OCH_3	H	F	OH	H	H
XX-20-6	p-I-Ph	H	H	CH_2-indol-3-yl	Et	OCH_3	H	F	OH	H	H
XX-20-7	p-I-Ph	H	H	$CH_2CH_2SCH_3$	Et	OCH_3	H	F	OH	H	H
XX-20-8	p-I-Ph	*	H	*	Et	OCH_3	H	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XX-21.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XX-21-1	CH_3	H	H	H	^{i}Pr	OCH_3	H	F	OH	H	H
XX-21-2	CH_3	H	H	CH_3	^{i}Pr	OCH_3	H	F	OH	H	H
XX-21-3	CH_3	H	H	$CH(CH_3)_2$	^{i}Pr	OCH_3	H	F	OH	H	H
XX-21-4	CH_3	H	H	$CH_2CH(CH_3)_2$	^{i}Pr	OCH_3	H	F	OH	H	H
XX-21-5	CH_3	H	H	CH_2Ph	^{i}Pr	OCH_3	H	F	OH	H	H
XX-21-6	CH_3	H	H	CH_2-indol-3-yl	^{i}Pr	OCH_3	H	F	OH	H	H
XX-21-7	CH_3	H	H	$CH_2CH_2SCH_3$	^{i}Pr	OCH_3	H	F	OH	H	H
XX-21-8	CH_3	*	H	*	^{i}Pr	OCH_3	H	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XX-22.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XX-22-1	Et	H	H	H	^{i}Pr	OCH_3	H	F	OH	H	H
XX-22-2	Et	H	H	CH_3	^{i}Pr	OCH_3	H	F	OH	H	H
XX-22-3	Et	H	H	$CH(CH_3)_2$	^{i}Pr	OCH_3	H	F	OH	H	H
XX-22-4	Et	H	H	$CH_2CH(CH_3)_2$	^{i}Pr	OCH_3	H	F	OH	H	H
XX-22-5	Et	H	H	CH_2Ph	^{i}Pr	OCH_3	H	F	OH	H	H
XX-22-6	Et	H	H	CH_2-indol-3-yl	^{i}Pr	OCH_3	H	F	OH	H	H
XX-22-7	Et	H	H	$CH_2CH_2SCH_3$	^{i}Pr	OCH_3	H	F	OH	H	H
XX-22-8	Et	*	H	*	^{i}Pr	OCH_3	H	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XX-23.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XX-23-1	^{i}Pr	H	H	H	^{i}Pr	OCH_3	H	F	OH	H	H
XX-23-2	^{i}Pr	H	H	CH_3	^{i}Pr	OCH_3	H	F	OH	H	H
XX-23-3	^{i}Pr	H	H	$CH(CH_3)_2$	^{i}Pr	OCH_3	H	F	OH	H	H
XX-23-4	^{i}Pr	H	H	$CH_2CH(CH_3)_2$	^{i}Pr	OCH_3	H	F	OH	H	H
XX-23-5	^{i}Pr	H	H	CH_2Ph	^{i}Pr	OCH_3	H	F	OH	H	H
XX-23-6	^{i}Pr	H	H	CH_2-indol-3-yl	^{i}Pr	OCH_3	H	F	OH	H	H
XX-23-7	^{i}Pr	H	H	$CH_2CH_2SCH_3$	^{i}Pr	OCH_3	H	F	OH	H	H
XX-23-8	^{i}Pr	*	H	*	^{i}Pr	OCH_3	H	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XX-24.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XX-24-1	^{t}Bu	H	H	H	^{i}Pr	OCH_3	H	F	OH	H	H
XX-24-2	^{t}Bu	H	H	CH_3	^{i}Pr	OCH_3	H	F	OH	H	H
XX-24-3	^{t}Bu	H	H	$CH(CH_3)_2$	^{i}Pr	OCH_3	H	F	OH	H	H
XX-24-4	^{t}Bu	H	H	$CH_2CH(CH_3)_2$	^{i}Pr	OCH_3	H	F	OH	H	H
XX-24-5	^{t}Bu	H	H	CH_2Ph	^{i}Pr	OCH_3	H	F	OH	H	H
XX-24-6	^{t}Bu	H	H	CH_2-indol-3-yl	^{i}Pr	OCH_3	H	F	OH	H	H
XX-24-7	^{t}Bu	H	H	$CH_2CH_2SCH_3$	^{i}Pr	OCH_3	H	F	OH	H	H
XX-24-8	^{t}Bu	*	H	*	^{i}Pr	OCH_3	H	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XX-25.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XX-25-1	Ph	H	H	H	^{i}Pr	OCH_3	H	F	OH	H	H
XX-25-2	Ph	H	H	CH_3	^{i}Pr	OCH_3	H	F	OH	H	H
XX-25-3	Ph	H	H	$CH(CH_3)_2$	^{i}Pr	OCH_3	H	F	OH	H	H
XX-25-4	Ph	H	H	$CH_2CH(CH_3)_2$	^{i}Pr	OCH_3	H	F	OH	H	H
XX-25-5	Ph	H	H	CH_2Ph	^{i}Pr	OCH_3	H	F	OH	H	H
XX-25-6	Ph	H	H	CH_2-indol-3-yl	^{i}Pr	OCH_3	H	F	OH	H	H
XX-25-7	Ph	H	H	$CH_2CH_2SCH_3$	^{i}Pr	OCH_3	H	F	OH	H	H
XX-25-8	Ph	*	H	*	^{i}Pr	OCH_3	H	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XX-26.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XX-26-1	p-Me-Ph	H	H	H	^{i}Pr	OCH_3	H	F	OH	H	H
XX-26-2	p-Me-Ph	H	H	CH_3	^{i}Pr	OCH_3	H	F	OH	H	H
XX-26-3	p-Me-Ph	H	H	$CH(CH_3)_2$	^{i}Pr	OCH_3	H	F	OH	H	H
XX-26-4	p-Me-Ph	H	H	$CH_2CH(CH_3)_2$	^{i}Pr	OCH_3	H	F	OH	H	H
XX-26-5	p-Me-Ph	H	H	CH_2Ph	^{i}Pr	OCH_3	H	F	OH	H	H
XX-26-6	p-Me-Ph	H	H	CH_2-indol-3-yl	^{i}Pr	OCH_3	H	F	OH	H	H
XX-26-7	p-Me-Ph	H	H	$CH_2CH_2SCH_3$	^{i}Pr	OCH_3	H	F	OH	H	H
XX-26-8	p-Me-Ph	*	H	*	^{i}Pr	OCH_3	H	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XX-27.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XX-27-1	p-F-Ph	H	H	H	^{i}Pr	OCH_3	H	F	OH	H	H
XX-27-2	p-F-Ph	H	H	CH_3	^{i}Pr	OCH_3	H	F	OH	H	H
XX-27-3	p-F-Ph	H	H	$CH(CH_3)_2$	^{i}Pr	OCH_3	H	F	OH	H	H
XX-27-4	p-F-Ph	H	H	$CH_2CH(CH_3)_2$	^{i}Pr	OCH_3	H	F	OH	H	H
XX-27-5	p-F-Ph	H	H	CH_2Ph	^{i}Pr	OCH_3	H	F	OH	H	H
XX-27-6	p-F-Ph	H	H	CH_2-indol-3-yl	^{i}Pr	OCH_3	H	F	OH	H	H
XX-27-7	p-F-Ph	H	H	$CH_2CH_2SCH_3$	^{i}Pr	OCH_3	H	F	OH	H	H
XX-27-8	p-F-Ph	*	H	*	^{i}Pr	OCH_3	H	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XX-28.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XX-28-1	p-Cl-Ph	H	H	H	^{i}Pr	OCH_3	H	F	OH	H	H
XX-28-2	p-Cl-Ph	H	H	CH_3	^{i}Pr	OCH_3	H	F	OH	H	H
XX-28-3	p-Cl-Ph	H	H	$CH(CH_3)_2$	^{i}Pr	OCH_3	H	F	OH	H	H
XX-28-4	p-Cl-Ph	H	H	$CH_2CH(CH_3)_2$	^{i}Pr	OCH_3	H	F	OH	H	H
XX-28-5	p-Cl-Ph	H	H	CH_2Ph	^{i}Pr	OCH_3	H	F	OH	H	H
XX-28-6	p-Cl-Ph	H	H	CH_2-indol-3-yl	^{i}Pr	OCH_3	H	F	OH	H	H
XX-28-7	p-Cl-Ph	H	H	$CH_2CH_2SCH_3$	^{i}Pr	OCH_3	H	F	OH	H	H
XX-28-8	p-Cl-Ph	*	H	*	^{i}Pr	OCH_3	H	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XX-29.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XX-29-1	p-Br-Ph	H	H	H	^{i}Pr	OCH_3	H	F	OH	H	H
XX-29-2	p-Br-Ph	H	H	CH_3	^{i}Pr	OCH_3	H	F	OH	H	H
XX-29-3	p-Br-Ph	H	H	$CH(CH_3)_2$	^{i}Pr	OCH_3	H	F	OH	H	H
XX-29-4	p-Br-Ph	H	H	$CH_2CH(CH_3)_2$	^{i}Pr	OCH_3	H	F	OH	H	H
XX-29-5	p-Br-Ph	H	H	CH_2Ph	^{i}Pr	OCH_3	H	F	OH	H	H
XX-29-6	p-Br-Ph	H	H	CH_2-indol-3-yl	^{i}Pr	OCH_3	H	F	OH	H	H
XX-29-7	p-Br-Ph	H	H	$CH_2CH_2SCH_3$	^{i}Pr	OCH_3	H	F	OH	H	H
XX-29-8	p-Br-Ph	*	H	*	^{i}Pr	OCH_3	H	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XX-30.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XX-30-1	p-I-Ph	H	H	H	^{i}Pr	OCH_3	H	F	OH	H	H
XX-30-2	p-I-Ph	H	H	CH_3	^{i}Pr	OCH_3	H	F	OH	H	H
XX-30-3	p-I-Ph	H	H	$CH(CH_3)_2$	^{i}Pr	OCH_3	H	F	OH	H	H
XX-30-4	p-I-Ph	H	H	$CH_2CH(CH_3)_2$	^{i}Pr	OCH_3	H	F	OH	H	H
XX-30-5	p-I-Ph	H	H	CH_2Ph	^{i}Pr	OCH_3	H	F	OH	H	H
XX-30-6	p-I-Ph	H	H	CH_2-indol-3-yl	^{i}Pr	OCH_3	H	F	OH	H	H
XX-30-7	p-I-Ph	H	H	$CH_2CH_2SCH_3$	^{i}Pr	OCH_3	H	F	OH	H	H
XX-30-8	p-I-Ph	*	H	*	^{i}Pr	OCH_3	H	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XX-31.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XX-31-1	CH_3	H	H	H	^{n}Bu	OCH_3	H	F	OH	H	H
XX-31-2	CH_3	H	H	CH_3	^{n}Bu	OCH_3	H	F	OH	H	H
XX-31-3	CH_3	H	H	$CH(CH_3)_2$	^{n}Bu	OCH_3	H	F	OH	H	H
XX-31-4	CH_3	H	H	$CH_2CH(CH_3)_2$	^{n}Bu	OCH_3	H	F	OH	H	H
XX-31-5	CH_3	H	H	CH_2Ph	^{n}Bu	OCH_3	H	F	OH	H	H
XX-31-6	CH_3	H	H	CH_2-indol-3-yl	^{n}Bu	OCH_3	H	F	OH	H	H
XX-31-7	CH_3	H	H	$CH_2CH_2SCH_3$	^{n}Bu	OCH_3	H	F	OH	H	H
XX-31-8	CH_3	*	H	*	^{n}Bu	OCH_3	H	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XX-32.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XX-32-1	Et	H	H	H	^{n}Bu	OCH_3	H	F	OH	H	H
XX-32-2	Et	H	H	CH_3	^{n}Bu	OCH_3	H	F	OH	H	H
XX-32-3	Et	H	H	$CH(CH_3)_2$	^{n}Bu	OCH_3	H	F	OH	H	H
XX-32-4	Et	H	H	$CH_2CH(CH_3)_2$	^{n}Bu	OCH_3	H	F	OH	H	H
XX-32-5	Et	H	H	CH_2Ph	^{n}Bu	OCH_3	H	F	OH	H	H
XX-32-6	Et	H	H	CH_2-indol-3-yl	^{n}Bu	OCH_3	H	F	OH	H	H
XX-32-7	Et	H	H	$CH_2CH_2SCH_3$	^{n}Bu	OCH_3	H	F	OH	H	H
XX-32-8	Et	*	H	*	^{n}Bu	OCH_3	H	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XX-33.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XX-33-1	^{i}Pr	H	H	H	^{n}Bu	OCH_3	H	F	OH	H	H
XX-33-2	^{i}Pr	H	H	CH_3	^{n}Bu	OCH_3	H	F	OH	H	H
XX-33-3	^{i}Pr	H	H	$CH(CH_3)_2$	^{n}Bu	OCH_3	H	F	OH	H	H
XX-33-4	^{i}Pr	H	H	$CH_2CH(CH_3)_2$	^{n}Bu	OCH_3	H	F	OH	H	H
XX-33-5	^{i}Pr	H	H	CH_2Ph	^{n}Bu	OCH_3	H	F	OH	H	H
XX-33-6	^{i}Pr	H	H	CH_2-indol-3-yl	^{n}Bu	OCH_3	H	F	OH	H	H
XX-33-7	^{i}Pr	H	H	$CH_2CH_2SCH_3$	^{n}Bu	OCH_3	H	F	OH	H	H
XX-33-8	^{i}Pr	*	H	*	^{n}Bu	OCH_3	H	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XX-34.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XX-34-1	^{t}Bu	H	H	H	^{n}Bu	OCH_3	H	F	OH	H	H
XX-34-2	^{t}Bu	H	H	CH_3	^{n}Bu	OCH_3	H	F	OH	H	H
XX-34-3	^{t}Bu	H	H	$CH(CH_3)_2$	^{n}Bu	OCH_3	H	F	OH	H	H
XX-34-4	^{t}Bu	H	H	$CH_2CH(CH_3)_2$	^{n}Bu	OCH_3	H	F	OH	H	H
XX-34-5	^{t}Bu	H	H	CH_2Ph	^{n}Bu	OCH_3	H	F	OH	H	H
XX-34-6	^{t}Bu	H	H	CH_2-indol-3-yl	^{n}Bu	OCH_3	H	F	OH	H	H
XX-34-7	^{t}Bu	H	H	$CH_2CH_2SCH_3$	^{n}Bu	OCH_3	H	F	OH	H	H
XX-34-8	^{t}Bu	*	H	*	^{n}Bu	OCH_3	H	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XX-35.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XX-35-1	Ph	H	H	H	^{n}Bu	OCH_3	H	F	OH	H	H
XX-35-2	Ph	H	H	CH_3	^{n}Bu	OCH_3	H	F	OH	H	H
XX-35-3	Ph	H	H	$CH(CH_3)_2$	^{n}Bu	OCH_3	H	F	OH	H	H
XX-35-4	Ph	H	H	$CH_2CH(CH_3)_2$	^{n}Bu	OCH_3	H	F	OH	H	H
XX-35-5	Ph	H	H	CH_2Ph	^{n}Bu	OCH_3	H	F	OH	H	H
XX-35-6	Ph	H	H	CH_2-indol-3-yl	^{n}Bu	OCH_3	H	F	OH	H	H
XX-35-7	Ph	H	H	$CH_2CH_2SCH_3$	^{n}Bu	OCH_3	H	F	OH	H	H
XX-35-8	Ph	*	H	*	^{n}Bu	OCH_3	H	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XX-36.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XX-36-1	p-Me-Ph	H	H	H	^{n}Bu	OCH_3	H	F	OH	H	H
XX-36-2	p-Me-Ph	H	H	CH_3	^{n}Bu	OCH_3	H	F	OH	H	H
XX-36-3	p-Me-Ph	H	H	$CH(CH_3)_2$	^{n}Bu	OCH_3	H	F	OH	H	H
XX-36-4	p-Me-Ph	H	H	$CH_2CH(CH_3)_2$	^{n}Bu	OCH_3	H	F	OH	H	H
XX-36-5	p-Me-Ph	H	H	CH_2Ph	^{n}Bu	OCH_3	H	F	OH	H	H
XX-36-6	p-Me-Ph	H	H	CH_2-indol-3-yl	^{n}Bu	OCH_3	H	F	OH	H	H
XX-36-7	p-Me-Ph	H	H	$CH_2CH_2SCH_3$	^{n}Bu	OCH_3	H	F	OH	H	H
XX-36-8	p-Me-Ph	*	H	*	^{n}Bu	OCH_3	H	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XX-37.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XX-37-1	p-F-Ph	H	H	H	^{n}Bu	OCH_3	H	F	OH	H	H
XX-37-2	p-F-Ph	H	H	CH_3	^{n}Bu	OCH_3	H	F	OH	H	H
XX-37-3	p-F-Ph	H	H	$CH(CH_3)_2$	^{n}Bu	OCH_3	H	F	OH	H	H
XX-37-4	p-F-Ph	H	H	$CH_2CH(CH_3)_2$	^{n}Bu	OCH_3	H	F	OH	H	H
XX-37-5	p-F-Ph	H	H	CH_2Ph	^{n}Bu	OCH_3	H	F	OH	H	H
XX-37-6	p-F-Ph	H	H	CH_2-indol-3-yl	^{n}Bu	OCH_3	H	F	OH	H	H
XX-37-7	p-F-Ph	H	H	$CH_2CH_2SCH_3$	^{n}Bu	OCH_3	H	F	OH	H	H
XX-37-8	p-F-Ph	*	H	*	^{n}Bu	OCH_3	H	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XX-38.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XX-38-1	p-Cl-Ph	H	H	H	^{n}Bu	OCH_3	H	F	OH	H	H
XX-38-2	p-Cl-Ph	H	H	CH_3	^{n}Bu	OCH_3	H	F	OH	H	H
XX-38-3	p-Cl-Ph	H	H	$CH(CH_3)_2$	^{n}Bu	OCH_3	H	F	OH	H	H
XX-38-4	p-Cl-Ph	H	H	$CH_2CH(CH_3)_2$	^{n}Bu	OCH_3	H	F	OH	H	H
XX-38-5	p-Cl-Ph	H	H	CH_2Ph	^{n}Bu	OCH_3	H	F	OH	H	H
XX-38-6	p-Cl-Ph	H	H	CH_2-indol-3-yl	^{n}Bu	OCH_3	H	F	OH	H	H
XX-38-7	p-Cl-Ph	H	H	$CH_2CH_2SCH_3$	^{n}Bu	OCH_3	H	F	OH	H	H
XX-38-8	p-Cl-Ph	*	H	*	^{n}Bu	OCH_3	H	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XX-39.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XX-39-1	p-Br-Ph	H	H	H	^{n}Bu	OCH_3	H	F	OH	H	H
XX-39-2	p-Br-Ph	H	H	CH_3	^{n}Bu	OCH_3	H	F	OH	H	H
XX-39-3	p-Br-Ph	H	H	$CH(CH_3)_2$	^{n}Bu	OCH_3	H	F	OH	H	H
XX-39-4	p-Br-Ph	H	H	$CH_2CH(CH_3)_2$	^{n}Bu	OCH_3	H	F	OH	H	H
XX-39-5	p-Br-Ph	H	H	CH_2Ph	^{n}Bu	OCH_3	H	F	OH	H	H
XX-39-6	p-Br-Ph	H	H	CH_2-indol-3-yl	^{n}Bu	OCH_3	H	F	OH	H	H
XX-39-7	p-Br-Ph	H	H	$CH_2CH_2SCH_3$	^{n}Bu	OCH_3	H	F	OH	H	H
XX-39-8	p-Br-Ph	*	H	*	^{n}Bu	OCH_3	H	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XX-40.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XX-40-1	p-I-Ph	H	H	H	^{n}Bu	OCH_3	H	F	OH	H	H
XX-40-2	p-I-Ph	H	H	CH_3	^{n}Bu	OCH_3	H	F	OH	H	H
XX-40-3	p-I-Ph	H	H	$CH(CH_3)_2$	^{n}Bu	OCH_3	H	F	OH	H	H
XX-40-4	p-I-Ph	H	H	$CH_2CH(CH_3)_2$	^{n}Bu	OCH_3	H	F	OH	H	H
XX-40-5	p-I-Ph	H	H	CH_2Ph	^{n}Bu	OCH_3	H	F	OH	H	H
XX-40-6	p-I-Ph	H	H	CH_2-indol-3-yl	^{n}Bu	OCH_3	H	F	OH	H	H
XX-40-7	p-I-Ph	H	H	$CH_2CH_2SCH_3$	^{n}Bu	OCH_3	H	F	OH	H	H
XX-40-8	p-I-Ph	*	H	*	^{n}Bu	OCH_3	H	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XX-41.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XX-41-1	CH_3	H	H	H	Bz	OCH_3	H	F	OH	H	H
XX-41-2	CH_3	H	H	CH_3	Bz	OCH_3	H	F	OH	H	H
XX-41-3	CH_3	H	H	$CH(CH_3)_2$	Bz	OCH_3	H	F	OH	H	H
XX-41-4	CH_3	H	H	$CH_2CH(CH_3)_2$	Bz	OCH_3	H	F	OH	H	H
XX-41-5	CH_3	H	H	CH_2Ph	Bz	OCH_3	H	F	OH	H	H
XX-41-6	CH_3	H	H	CH_2-indol-3-yl	Bz	OCH_3	H	F	OH	H	H
XX-41-7	CH_3	H	H	$CH_2CH_2SCH_3$	Bz	OCH_3	H	F	OH	H	H
XX-41-8	CH_3	*	H	*	Bz	OCH_3	H	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XX-42.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XX-42-1	Et	H	H	H	Bz	OCH_3	H	F	OH	H	H
XX-42-2	Et	H	H	CH_3	Bz	OCH_3	H	F	OH	H	H
XX-42-3	Et	H	H	$CH(CH_3)_2$	Bz	OCH_3	H	F	OH	H	H
XX-42-4	Et	H	H	$CH_2CH(CH_3)_2$	Bz	OCH_3	H	F	OH	H	H
XX-42-5	Et	H	H	CH_2Ph	Bz	OCH_3	H	F	OH	H	H
XX-42-6	Et	H	H	CH_2-indol-3-yl	Bz	OCH_3	H	F	OH	H	H
XX-42-7	Et	H	H	$CH_2CH_2SCH_3$	Bz	OCH_3	H	F	OH	H	H
XX-42-8	Et	*	H	*	Bz	OCH_3	H	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XX-43.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XX-43-1	^{i}Pr	H	H	H	Bz	OCH_3	H	F	OH	H	H
XX-43-2	^{i}Pr	H	H	CH_3	Bz	OCH_3	H	F	OH	H	H
XX-43-3	^{i}Pr	H	H	$CH(CH_3)_2$	Bz	OCH_3	H	F	OH	H	H
XX-43-4	^{i}Pr	H	H	$CH_2CH(CH_3)_2$	Bz	OCH_3	H	F	OH	H	H
XX-43-5	^{i}Pr	H	H	CH_2Ph	Bz	OCH_3	H	F	OH	H	H
XX-43-6	^{i}Pr	H	H	CH_2-indol-3-yl	Bz	OCH_3	H	F	OH	H	H
XX-43-7	^{i}Pr	H	H	$CH_2CH_2SCH_3$	Bz	OCH_3	H	F	OH	H	H
XX-43-8	^{i}Pr	*	H	*	Bz	OCH_3	H	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XX-44.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XX-44-1	^{t}Bu	H	H	H	Bz	OCH_3	H	F	OH	H	H
XX-44-2	^{t}Bu	H	H	CH_3	Bz	OCH_3	H	F	OH	H	H
XX-44-3	^{t}Bu	H	H	$CH(CH_3)_2$	Bz	OCH_3	H	F	OH	H	H
XX-44-4	^{t}Bu	H	H	$CH_2CH(CH_3)_2$	Bz	OCH_3	H	F	OH	H	H
XX-44-5	^{t}Bu	H	H	CH_2Ph	Bz	OCH_3	H	F	OH	H	H
XX-44-6	^{t}Bu	H	H	CH_2-indol-3-yl	Bz	OCH_3	H	F	OH	H	H
XX-44-7	^{t}Bu	H	H	$CH_2CH_2SCH_3$	Bz	OCH_3	H	F	OH	H	H
XX-44-8	^{t}Bu	*	H	*	Bz	OCH_3	H	F	OH	H	H

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*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XX-45.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XX-45-1	Ph	H	H	H	Bz	OCH_3	H	F	OH	H	H
XX-45-2	Ph	H	H	CH_3	Bz	OCH_3	H	F	OH	H	H
XX-45-3	Ph	H	H	$CH(CH_3)_2$	Bz	OCH_3	H	F	OH	H	H
XX-45-4	Ph	H	H	$CH_2CH(CH_3)_2$	Bz	OCH_3	H	F	OH	H	H
XX-45-5	Ph	H	H	CH_2Ph	Bz	OCH_3	H	F	OH	H	H
XX-45-6	Ph	H	H	CH_2-indol-3-yl	Bz	OCH_3	H	F	OH	H	H
XX-45-7	Ph	H	H	$CH_2CH_2SCH_3$	Bz	OCH_3	H	F	OH	H	H
XX-45-8	Ph	*	H	*	Bz	OCH_3	H	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XX-46.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XX-46-1	p-Me-Ph	H	H	H	Bz	OCH_3	H	F	OH	H	H
XX-46-2	p-Me-Ph	H	H	CH_3	Bz	OCH_3	H	F	OH	H	H
XX-46-3	p-Me-Ph	H	H	$CH(CH_3)_2$	Bz	OCH_3	H	F	OH	H	H
XX-46-4	p-Me-Ph	H	H	$CH_2CH(CH_3)_2$	Bz	OCH_3	H	F	OH	H	H
XX-46-5	p-Me-Ph	H	H	CH_2Ph	Bz	OCH_3	H	F	OH	H	H
XX-46-6	p-Me-Ph	H	H	CH_2-indol-3-yl	Bz	OCH_3	H	F	OH	H	H
XX-46-7	p-Me-Ph	H	H	$CH_2CH_2SCH_3$	Bz	OCH_3	H	F	OH	H	H
XX-46-8	p-Me-Ph	*	H	*	Bz	OCH_3	H	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XX-47.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XX-47-1	p-F-Ph	H	H	H	Bz	OCH_3	H	F	OH	H	H
XX-47-2	p-F-Ph	H	H	CH_3	Bz	OCH_3	H	F	OH	H	H
XX-47-3	p-F-Ph	H	H	$CH(CH_3)_2$	Bz	OCH_3	H	F	OH	H	H
XX-47-4	p-F-Ph	H	H	$CH_2CH(CH_3)_2$	Bz	OCH_3	H	F	OH	H	H
XX-47-5	p-F-Ph	H	H	CH_2Ph	Bz	OCH_3	H	F	OH	H	H
XX-47-6	p-F-Ph	H	H	CH_2-indol-3-yl	Bz	OCH_3	H	F	OH	H	H
XX-47-7	p-F-Ph	H	H	$CH_2CH_2SCH_3$	Bz	OCH_3	H	F	OH	H	H

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№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XX-47-8	p-F-Ph	*	H	*	Bz	OCH_3	H	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XX-48.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XX-48-1	p-Cl-Ph	H	H	H	Bz	OCH_3	H	F	OH	H	H
XX-48-2	p-Cl-Ph	H	H	CH_3	Bz	OCH_3	H	F	OH	H	H
XX-48-3	p-Cl-Ph	H	H	$CH(CH_3)_2$	Bz	OCH_3	H	F	OH	H	H
XX-48-4	p-Cl-Ph	H	H	$CH_2CH(CH_3)_2$	Bz	OCH_3	H	F	OH	H	H
XX-48-5	p-Cl-Ph	H	H	CH_2Ph	Bz	OCH_3	H	F	OH	H	H
XX-48-6	p-Cl-Ph	H	H	CH_2-indol-3-yl	Bz	OCH_3	H	F	OH	H	H
XX-48-7	p-Cl-Ph	H	H	$CH_2CH_2SCH_3$	Bz	OCH_3	H	F	OH	H	H
XX-48-8	p-Cl-Ph	*	H	*	Bz	OCH_3	H	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XX-49.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XX-49-1	p-Br-Ph	H	H	H	Bz	OCH_3	H	F	OH	H	H
XX-49-2	p-Br-Ph	H	H	CH_3	Bz	OCH_3	H	F	OH	H	H
XX-49-3	p-Br-Ph	H	H	$CH(CH_3)_2$	Bz	OCH_3	H	F	OH	H	H
XX-49-4	p-Br-Ph	H	H	$CH_2CH(CH_3)_2$	Bz	OCH_3	H	F	OH	H	H
XX-49-5	p-Br-Ph	H	H	CH_2Ph	Bz	OCH_3	H	F	OH	H	H
XX-49-6	p-Br-Ph	H	H	CH_2-indol-3-yl	Bz	OCH_3	H	F	OH	H	H
XX-49-7	p-Br-Ph	H	H	$CH_2CH_2SCH_3$	Bz	OCH_3	H	F	OH	H	H
XX-49-8	p-Br-Ph	*	H	*	Bz	OCH_3	H	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

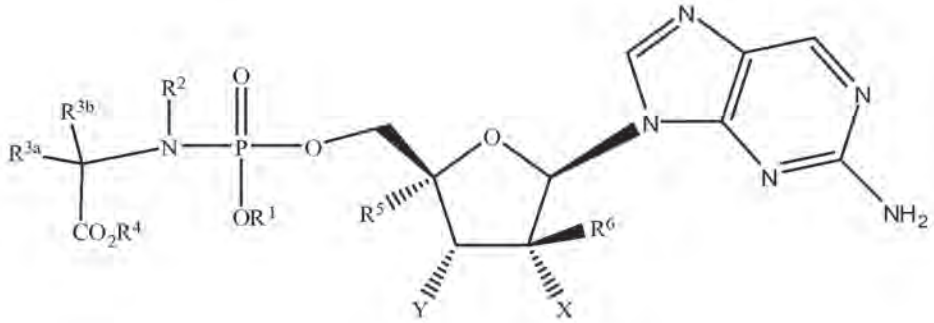
Table XX-50.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XX-50-1	p-I-Ph	H	H	H	Bz	OCH_3	H	F	OH	H	H
XX-50-2	p-I-Ph	H	H	CH_3	Bz	OCH_3	H	F	OH	H	H
XX-50-3	p-I-Ph	H	H	$CH(CH_3)_2$	Bz	OCH_3	H	F	OH	H	H
XX-50-4	p-I-Ph	H	H	$CH_2CH(CH_3)_2$	Bz	OCH_3	H	F	OH	H	H
XX-50-5	p-I-Ph	H	H	CH_2Ph	Bz	OCH_3	H	F	OH	H	H

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№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y	R^7	R^8
XX-50-6	p-I-Ph	H	H	CH_2-indol-3-yl	Bz	OCH_3	H	F	OH	H	H
XX-50-7	p-I-Ph	H	H	$CH_2CH_2SCH_3$	Bz	OCH_3	H	F	OH	H	H
XX-50-8	p-I-Ph	*	H	*	Bz	OCH_3	H	F	OH	H	H

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.



XXI

Table XXI-1.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXI-1-1	CH_3	H	H	H	CH_3	H	CH_3	F	OH
XXI-1-2	CH_3	H	H	CH_3	CH_3	H	CH_3	F	OH
XXI-1-3	CH_3	H	H	$CH(CH_3)_2$	CH_3	H	CH_3	F	OH
XXI-1-4	CH_3	H	H	$CH_2CH(CH_3)_2$	CH_3	H	CH_3	F	OH
XXI-1-5	CH_3	H	H	CH_2Ph	CH_3	H	CH_3	F	OH
XXI-1-6	CH_3	H	H	CH_2-indol-3-yl	CH_3	H	CH_3	F	OH
XXI-1-7	CH_3	H	H	$CH_2CH_2SCH_3$	CH_3	H	CH_3	F	OH
XXI-1-8	CH_3	*	H	*	CH_3	H	CH_3	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXI-2.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXI-2-1	Et	H	H	H	CH_3	H	CH_3	F	OH
XXI-2-2	Et	H	H	CH_3	CH_3	H	CH_3	F	OH
XXI-2-3	Et	H	H	$CH(CH_3)_2$	CH_3	H	CH_3	F	OH

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№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXI-2-4	Et	H	H	$CH_2CH(CH_3)_2$	CH_3	H	CH_3	F	OH
XXI-2-5	Et	H	H	CH_2Ph	CH_3	H	CH_3	F	OH
XXI-2-6	Et	H	H	CH_2-indol-3-yl	CH_3	H	CH_3	F	OH
XXI-2-7	Et	H	H	$CH_2CH_2SCH_3$	CH_3	H	CH_3	F	OH
XXI-2-8	Et	*	H	*	CH_3	H	CH_3	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXI-3.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXI-3-1	^{i}Pr	H	H	H	CH_3	H	CH_3	F	OH
XXI-3-2	^{i}Pr	H	H	CH_3	CH_3	H	CH_3	F	OH
XXI-3-3	^{i}Pr	H	H	$CH(CH_3)_2$	CH_3	H	CH_3	F	OH
XXI-3-4	^{i}Pr	H	H	$CH_2CH(CH_3)_2$	CH_3	H	CH_3	F	OH
XXI-3-5	^{i}Pr	H	H	CH_2Ph	CH_3	H	CH_3	F	OH
XXI-3-6	^{i}Pr	H	H	CH_2-indol-3-yl	CH_3	H	CH_3	F	OH
XXI-3-7	^{i}Pr	H	H	$CH_2CH_2SCH_3$	CH_3	H	CH_3	F	OH
XXI-3-8	^{i}Pr	*	H	*	CH_3	H	CH_3	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXI-4.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXI-4-1	^{t}Bu	H	H	H	CH_3	H	CH_3	F	OH
XXI-4-2	^{t}Bu	H	H	CH_3	CH_3	H	CH_3	F	OH
XXI-4-3	^{t}Bu	H	H	$CH(CH_3)_2$	CH_3	H	CH_3	F	OH
XXI-4-4	^{t}Bu	H	H	$CH_2CH(CH_3)_2$	CH_3	H	CH_3	F	OH
XXI-4-5	^{t}Bu	H	H	CH_2Ph	CH_3	H	CH_3	F	OH
XXI-4-6	^{t}Bu	H	H	CH_2-indol-3-yl	CH_3	H	CH_3	F	OH
XXI-4-7	^{t}Bu	H	H	$CH_2CH_2SCH_3$	CH_3	H	CH_3	F	OH
XXI-4-8	^{t}Bu	*	H	*	CH_3	H	CH_3	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXI-5.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXI-5-1	Ph	H	H	H	CH_3	H	CH_3	F	OH

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№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXI-5-2	Ph	H	H	CH_3	CH_3	H	CH_3	F	OH
XXI-5-3	Ph	H	H	$CH(CH_3)_2$	CH_3	H	CH_3	F	OH
XXI-5-4	Ph	H	H	$CH_2CH(CH_3)_2$	CH_3	H	CH_3	F	OH
XXI-5-5	Ph	H	H	CH_2Ph	CH_3	H	CH_3	F	OH
XXI-5-6	Ph	H	H	CH_2-indol-3-yl	CH_3	H	CH_3	F	OH
XXI-5-7	Ph	H	H	$CH_2CH_2SCH_3$	CH_3	H	CH_3	F	OH
XXI-5-8	Ph	*	H	*	CH_3	H	CH_3	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXI-6.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXI-6-1	p-Me-Ph	H	H	H	CH_3	H	CH_3	F	OH
XXI-6-2	p-Me-Ph	H	H	CH_3	CH_3	H	CH_3	F	OH
XXI-6-3	p-Me-Ph	H	H	$CH(CH_3)_2$	CH_3	H	CH_3	F	OH
XXI-6-4	p-Me-Ph	H	H	$CH_2CH(CH_3)_2$	CH_3	H	CH_3	F	OH
XXI-6-5	p-Me-Ph	H	H	CH_2Ph	CH_3	H	CH_3	F	OH
XXI-6-6	p-Me-Ph	H	H	CH_2-indol-3-yl	CH_3	H	CH_3	F	OH
XXI-6-7	p-Me-Ph	H	H	$CH_2CH_2SCH_3$	CH_3	H	CH_3	F	OH
XXI-6-8	p-Me-Ph	*	H	*	CH_3	H	CH_3	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXI-7.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXI-7-1	p-F-Ph	H	H	H	CH_3	H	CH_3	F	OH
XXI-7-2	p-F-Ph	H	H	CH_3	CH_3	H	CH_3	F	OH
XXI-7-3	p-F-Ph	H	H	$CH(CH_3)_2$	CH_3	H	CH_3	F	OH
XXI-7-4	p-F-Ph	H	H	$CH_2CH(CH_3)_2$	CH_3	H	CH_3	F	OH
XXI-7-6	p-F-Ph	H	H	CH_2Ph	CH_3	H	CH_3	F	OH
XXI-7-7	p-F-Ph	H	H	CH_2-indol-3-yl	CH_3	H	CH_3	F	OH
XXI-7-8	p-F-Ph	H	H	$CH_2CH_2SCH_3$	CH_3	H	CH_3	F	OH
XXI-7-20	p-F-Ph	*	H	*	CH_3	H	CH_3	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXI-8.

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№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXI-8-1	p-Cl-Ph	H	H	H	CH_3	H	CH_3	F	OH
XXI-8-2	p-Cl-Ph	H	H	CH_3	CH_3	H	CH_3	F	OH
XXI-8-3	p-Cl-Ph	H	H	$CH(CH_3)_2$	CH_3	H	CH_3	F	OH
XXI-8-4	p-Cl-Ph	H	H	$CH_2CH(CH_3)_2$	CH_3	H	CH_3	F	OH
XXI-8-5	p-Cl-Ph	H	H	CH_2Ph	CH_3	H	CH_3	F	OH
XXI-8-6	p-Cl-Ph	H	H	CH_2-indol-3-yl	CH_3	H	CH_3	F	OH
XXI-8-7	p-Cl-Ph	H	H	$CH_2CH_2SCH_3$	CH_3	H	CH_3	F	OH
XXI-8-8	p-Cl-Ph	*	H	*	CH_3	H	CH_3	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXI-9.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXI-9-1	p-Br-Ph	H	H	H	CH_3	H	CH_3	F	OH
XXI-9-2	p-Br-Ph	H	H	CH_3	CH_3	H	CH_3	F	OH
XXI-9-3	p-Br-Ph	H	H	$CH(CH_3)_2$	CH_3	H	CH_3	F	OH
XXI-9-4	p-Br-Ph	H	H	$CH_2CH(CH_3)_2$	CH_3	H	CH_3	F	OH
XXI-9-6	p-Br-Ph	H	H	CH_2Ph	CH_3	H	CH_3	F	OH
XXI-9-7	p-Br-Ph	H	H	CH_2-indol-3-yl	CH_3	H	CH_3	F	OH
XXI-9-8	p-Br-Ph	H	H	$CH_2CH_2SCH_3$	CH_3	H	CH_3	F	OH
XXI-9-20	p-Br-Ph	*	H	*	CH_3	H	CH_3	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXI-10.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXI-10-1	p-I-Ph	H	H	H	CH_3	H	CH_3	F	OH
XXI-10-2	p-I-Ph	H	H	CH_3	CH_3	H	CH_3	F	OH
XXI-10-3	p-I-Ph	H	H	$CH(CH_3)_2$	CH_3	H	CH_3	F	OH
XXI-10-4	p-I-Ph	H	H	$CH_2CH(CH_3)_2$	CH_3	H	CH_3	F	OH
XXI-10-5	p-I-Ph	H	H	CH_2Ph	CH_3	H	CH_3	F	OH
XXI-10-6	p-I-Ph	H	H	CH_2-indol-3-yl	CH_3	H	CH_3	F	OH
XXI-10-7	p-I-Ph	H	H	$CH_2CH_2SCH_3$	CH_3	H	CH_3	F	OH
XXI-10-8	p-I-Ph	*	H	*	CH_3	H	CH_3	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XXI-11.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXI-11-1	CH_3	H	H	H	Et	H	CH_3	F	OH
XXI-11-2	CH_3	H	H	CH_3	Et	H	CH_3	F	OH
XXI-11-3	CH_3	H	H	$CH(CH_3)_2$	Et	H	CH_3	F	OH
XXI-11-4	CH_3	H	H	$CH_2CH(CH_3)_2$	Et	H	CH_3	F	OH
XXI-11-5	CH_3	H	H	CH_2Ph	Et	H	CH_3	F	OH
XXI-11-6	CH_3	H	H	CH_2-indol-3-yl	Et	H	CH_3	F	OH
XXI-11-7	CH_3	H	H	$CH_2CH_2SCH_3$	Et	H	CH_3	F	OH
XXI-11-8	CH_3	*	H	*	Et	H	CH_3	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXI-12.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXI-12-1	Et	H	H	H	Et	H	CH_3	F	OH
XXI-12-2	Et	H	H	CH_3	Et	H	CH_3	F	OH
XXI-12-3	Et	H	H	$CH(CH_3)_2$	Et	H	CH_3	F	OH
XXI-12-4	Et	H	H	$CH_2CH(CH_3)_2$	Et	H	CH_3	F	OH
XXI-12-5	Et	H	H	CH_2Ph	Et	H	CH_3	F	OH
XXI-12-6	Et	H	H	CH_2-indol-3-yl	Et	H	CH_3	F	OH
XXI-12-7	Et	H	H	$CH_2CH_2SCH_3$	Et	H	CH_3	F	OH
XXI-12-8	Et	*	H	*	Et	H	CH_3	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXI-13.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXI-13-1	^{i}Pr	H	H	H	Et	H	CH_3	F	OH
XXI-13-2	^{i}Pr	H	H	CH_3	Et	H	CH_3	F	OH
XXI-13-3	^{i}Pr	H	H	$CH(CH_3)_2$	Et	H	CH_3	F	OH
XXI-13-4	^{i}Pr	H	H	$CH_2CH(CH_3)_2$	Et	H	CH_3	F	OH
XXI-13-5	^{i}Pr	H	H	CH_2Ph	Et	H	CH_3	F	OH
XXI-13-6	^{i}Pr	H	H	CH_2-indol-3-yl	Et	H	CH_3	F	OH
XXI-13-7	^{i}Pr	H	H	$CH_2CH_2SCH_3$	Et	H	CH_3	F	OH
XXI-13-8	^{i}Pr	*	H	*	Et	H	CH_3	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XXI-14.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXI-14-1	^{t}Bu	H	H	H	Et	H	CH_3	F	OH
XXI-14-2	^{t}Bu	H	H	CH_3	Et	H	CH_3	F	OH
XXI-14-3	^{t}Bu	H	H	$CH(CH_3)_2$	Et	H	CH_3	F	OH
XXI-14-4	^{t}Bu	H	H	$CH_2CH(CH_3)_2$	Et	H	CH_3	F	OH
XXI-14-5	^{t}Bu	H	H	CH_2Ph	Et	H	CH_3	F	OH
XXI-14-6	^{t}Bu	H	H	CH_2-indol-3-yl	Et	H	CH_3	F	OH
XXI-14-7	^{t}Bu	H	H	$CH_2CH_2SCH_3$	Et	H	CH_3	F	OH
XXI-14-8	^{t}Bu	*	H	*	Et	H	CH_3	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXI-15.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXI-15-1	Ph	H	H	H	Et	H	CH_3	F	OH
XXI-15-2	Ph	H	H	CH_3	Et	H	CH_3	F	OH
XXI-15-3	Ph	H	H	$CH(CH_3)_2$	Et	H	CH_3	F	OH
XXI-15-4	Ph	H	H	$CH_2CH(CH_3)_2$	Et	H	CH_3	F	OH
XXI-15-5	Ph	H	H	CH_2Ph	Et	H	CH_3	F	OH
XXI-15-6	Ph	H	H	CH_2-indol-3-yl	Et	H	CH_3	F	OH
XXI-15-7	Ph	H	H	$CH_2CH_2SCH_3$	Et	H	CH_3	F	OH
XXI-15-8	Ph	*	H	*	Et	H	CH_3	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXI-16.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXI-16-1	p-Me-Ph	H	H	H	Et	H	CH_3	F	OH
XXI-16-2	p-Me-Ph	H	H	CH_3	Et	H	CH_3	F	OH
XXI-16-3	p-Me-Ph	H	H	$CH(CH_3)_2$	Et	H	CH_3	F	OH
XXI-16-4	p-Me-Ph	H	H	$CH_2CH(CH_3)_2$	Et	H	CH_3	F	OH
XXI-16-5	p-Me-Ph	H	H	CH_2Ph	Et	H	CH_3	F	OH
XXI-16-6	p-Me-Ph	H	H	CH_2-indol-3-yl	Et	H	CH_3	F	OH
XXI-16-7	p-Me-Ph	H	H	$CH_2CH_2SCH_3$	Et	H	CH_3	F	OH
XXI-16-8	p-Me-Ph	*	H	*	Et	H	CH_3	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XXI-17.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXI-17-1	p-F-Ph	H	H	H	Et	H	CH_3	F	OH
XXI-17-2	p-F-Ph	H	H	CH_3	Et	H	CH_3	F	OH
XXI-17-3	p-F-Ph	H	H	$CH(CH_3)_2$	Et	H	CH_3	F	OH
XXI-17-4	p-F-Ph	H	H	$CH_2CH(CH_3)_2$	Et	H	CH_3	F	OH
XXI-17-5	p-F-Ph	H	H	CH_2Ph	Et	H	CH_3	F	OH
XXI-17-6	p-F-Ph	H	H	CH_2-indol-3-yl	Et	H	CH_3	F	OH
XXI-17-7	p-F-Ph	H	H	$CH_2CH_2SCH_3$	Et	H	CH_3	F	OH
XXI-17-8	p-F-Ph	*	H	*	Et	H	CH_3	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXI-18.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXI-18-1	p-Cl-Ph	H	H	H	Et	H	CH_3	F	OH
XXI-18-2	p-Cl-Ph	H	H	CH_3	Et	H	CH_3	F	OH
XXI-18-3	p-Cl-Ph	H	H	$CH(CH_3)_2$	Et	H	CH_3	F	OH
XXI-18-4	p-Cl-Ph	H	H	$CH_2CH(CH_3)_2$	Et	H	CH_3	F	OH
XXI-18-5	p-Cl-Ph	H	H	CH_2Ph	Et	H	CH_3	F	OH
XXI-18-6	p-Cl-Ph	H	H	CH_2-indol-3-yl	Et	H	CH_3	F	OH
XXI-18-7	p-Cl-Ph	H	H	$CH_2CH_2SCH_3$	Et	H	CH_3	F	OH
XXI-18-8	p-Cl-Ph	*	H	*	Et	H	CH_3	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXI-19.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXI-19-1	p-Br-Ph	H	H	H	Et	H	CH_3	F	OH
XXI-19-2	p-Br-Ph	H	H	CH_3	Et	H	CH_3	F	OH
XXI-19-3	p-Br-Ph	H	H	$CH(CH_3)_2$	Et	H	CH_3	F	OH
XXI-19-4	p-Br-Ph	H	H	$CH_2CH(CH_3)_2$	Et	H	CH_3	F	OH
XXI-19-5	p-Br-Ph	H	H	CH_2Ph	Et	H	CH_3	F	OH
XXI-19-6	p-Br-Ph	H	H	CH_2-indol-3-yl	Et	H	CH_3	F	OH
XXI-19-7	p-Br-Ph	H	H	$CH_2CH_2SCH_3$	Et	H	CH_3	F	OH
XXI-19-8	p-Br-Ph	*	H	*	Et	H	CH_3	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XXI-20.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXI-20-1	p-I-Ph	H	H	H	Et	H	CH_3	F	OH
XXI-20-2	p-I-Ph	H	H	CH_3	Et	H	CH_3	F	OH
XXI-20-3	p-I-Ph	H	H	$CH(CH_3)_2$	Et	H	CH_3	F	OH
XXI-20-4	p-I-Ph	H	H	$CH_2CH(CH_3)_2$	Et	H	CH_3	F	OH
XXI-20-5	p-I-Ph	H	H	CH_2Ph	Et	H	CH_3	F	OH
XXI-20-6	p-I-Ph	H	H	CH_2-indol-3-yl	Et	H	CH_3	F	OH
XXI-20-7	p-I-Ph	H	H	$CH_2CH_2SCH_3$	Et	H	CH_3	F	OH
XXI-20-8	p-I-Ph	*	H	*	Et	H	CH_3	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXI-21.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXI-21-1	CH_3	H	H	H	^{i}Pr	H	CH_3	F	OH
XXI-21-2	CH_3	H	H	CH_3	^{i}Pr	H	CH_3	F	OH
XXI-21-3	CH_3	H	H	$CH(CH_3)_2$	^{i}Pr	H	CH_3	F	OH
XXI-21-4	CH_3	H	H	$CH_2CH(CH_3)_2$	^{i}Pr	H	CH_3	F	OH
XXI-21-5	CH_3	H	H	CH_2Ph	^{i}Pr	H	CH_3	F	OH
XXI-21-6	CH_3	H	H	CH_2-indol-3-yl	^{i}Pr	H	CH_3	F	OH
XXI-21-7	CH_3	H	H	$CH_2CH_2SCH_3$	^{i}Pr	H	CH_3	F	OH
XXI-21-8	CH_3	*	H	*	^{i}Pr	H	CH_3	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXI-22.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXI-22-1	Et	H	H	H	^{i}Pr	H	CH_3	F	OH
XXI-22-2	Et	H	H	CH_3	^{i}Pr	H	CH_3	F	OH
XXI-22-3	Et	H	H	$CH(CH_3)_2$	^{i}Pr	H	CH_3	F	OH
XXI-22-4	Et	H	H	$CH_2CH(CH_3)_2$	^{i}Pr	H	CH_3	F	OH
XXI-22-5	Et	H	H	CH_2Ph	^{i}Pr	H	CH_3	F	OH
XXI-22-6	Et	H	H	CH_2-indol-3-yl	^{i}Pr	H	CH_3	F	OH
XXI-22-7	Et	H	H	$CH_2CH_2SCH_3$	^{i}Pr	H	CH_3	F	OH
XXI-22-8	Et	*	H	*	^{i}Pr	H	CH_3	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XXI-23.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXI-23-1	^{i}Pr	H	H	H	^{i}Pr	H	CH_3	F	OH
XXI-23-2	^{i}Pr	H	H	CH_3	^{i}Pr	H	CH_3	F	OH
XXI-23-3	^{i}Pr	H	H	$CH(CH_3)_2$	^{i}Pr	H	CH_3	F	OH
XXI-23-4	^{i}Pr	H	H	$CH_2CH(CH_3)_2$	^{i}Pr	H	CH_3	F	OH
XXI-23-5	^{i}Pr	H	H	CH_2Ph	^{i}Pr	H	CH_3	F	OH
XXI-23-6	^{i}Pr	H	H	CH_2-indol-3-yl	^{i}Pr	H	CH_3	F	OH
XXI-23-7	^{i}Pr	H	H	$CH_2CH_2SCH_3$	^{i}Pr	H	CH_3	F	OH
XXI-23-8	^{i}Pr	*	H	*	^{i}Pr	H	CH_3	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXI-24.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXI-24-1	^{t}Bu	H	H	H	^{i}Pr	H	CH_3	F	OH
XXI-24-2	^{t}Bu	H	H	CH_3	^{i}Pr	H	CH_3	F	OH
XXI-24-3	^{t}Bu	H	H	$CH(CH_3)_2$	^{i}Pr	H	CH_3	F	OH
XXI-24-4	^{t}Bu	H	H	$CH_2CH(CH_3)_2$	^{i}Pr	H	CH_3	F	OH
XXI-24-5	^{t}Bu	H	H	CH_2Ph	^{i}Pr	H	CH_3	F	OH
XXI-24-6	^{t}Bu	H	H	CH_2-indol-3-yl	^{i}Pr	H	CH_3	F	OH
XXI-24-7	^{t}Bu	H	H	$CH_2CH_2SCH_3$	^{i}Pr	H	CH_3	F	OH
XXI-24-8	^{t}Bu	*	H	*	^{i}Pr	H	CH_3	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXI-25.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXI-25-1	Ph	H	H	H	^{i}Pr	H	CH_3	F	OH
XXI-25-2	Ph	H	H	CH_3	^{i}Pr	H	CH_3	F	OH
XXI-25-3	Ph	H	H	$CH(CH_3)_2$	^{i}Pr	H	CH_3	F	OH
XXI-25-4	Ph	H	H	$CH_2CH(CH_3)_2$	^{i}Pr	H	CH_3	F	OH
XXI-25-5	Ph	H	H	CH_2Ph	^{i}Pr	H	CH_3	F	OH
XXI-25-6	Ph	H	H	CH_2-indol-3-yl	^{i}Pr	H	CH_3	F	OH
XXI-25-7	Ph	H	H	$CH_2CH_2SCH_3$	^{i}Pr	H	CH_3	F	OH
XXI-25-8	Ph	*	H	*	^{i}Pr	H	CH_3	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XXI-26.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXI-26-1	p-Me-Ph	H	H	H	^{i}Pr	H	CH_3	F	OH
XXI-26-2	p-Me-Ph	H	H	CH_3	^{i}Pr	H	CH_3	F	OH
XXI-26-3	p-Me-Ph	H	H	$CH(CH_3)_2$	^{i}Pr	H	CH_3	F	OH
XXI-26-4	p-Me-Ph	H	H	$CH_2CH(CH_3)_2$	^{i}Pr	H	CH_3	F	OH
XXI-26-5	p-Me-Ph	H	H	CH_2Ph	^{i}Pr	H	CH_3	F	OH
XXI-26-6	p-Me-Ph	H	H	CH_2-indol-3-yl	^{i}Pr	H	CH_3	F	OH
XXI-26-7	p-Me-Ph	H	H	$CH_2CH_2SCH_3$	^{i}Pr	H	CH_3	F	OH
XXI-26-8	p-Me-Ph	*	H	*	^{i}Pr	H	CH_3	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXI-27.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXI-27-1	p-F-Ph	H	H	H	^{i}Pr	H	CH_3	F	OH
XXI-27-2	p-F-Ph	H	H	CH_3	^{i}Pr	H	CH_3	F	OH
XXI-27-3	p-F-Ph	H	H	$CH(CH_3)_2$	^{i}Pr	H	CH_3	F	OH
XXI-27-4	p-F-Ph	H	H	$CH_2CH(CH_3)_2$	^{i}Pr	H	CH_3	F	OH
XXI-27-5	p-F-Ph	H	H	CH_2Ph	^{i}Pr	H	CH_3	F	OH
XXI-27-6	p-F-Ph	H	H	CH_2-indol-3-yl	^{i}Pr	H	CH_3	F	OH
XXI-27-7	p-F-Ph	H	H	$CH_2CH_2SCH_3$	^{i}Pr	H	CH_3	F	OH
XXI-27-8	p-F-Ph	*	H	*	^{i}Pr	H	CH_3	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXI-28.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXI-28-1	p-Cl-Ph	H	H	H	^{i}Pr	H	CH_3	F	OH
XXI-28-2	p-Cl-Ph	H	H	CH_3	^{i}Pr	H	CH_3	F	OH
XXI-28-3	p-Cl-Ph	H	H	$CH(CH_3)_2$	^{i}Pr	H	CH_3	F	OH
XXI-28-4	p-Cl-Ph	H	H	$CH_2CH(CH_3)_2$	^{i}Pr	H	CH_3	F	OH
XXI-28-5	p-Cl-Ph	H	H	CH_2Ph	^{i}Pr	H	CH_3	F	OH
XXI-28-6	p-Cl-Ph	H	H	CH_2-indol-3-yl	^{i}Pr	H	CH_3	F	OH
XXI-28-7	p-Cl-Ph	H	H	$CH_2CH_2SCH_3$	^{i}Pr	H	CH_3	F	OH
XXI-28-8	p-Cl-Ph	*	H	*	^{i}Pr	H	CH_3	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XXI-29.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXI-29-1	p-Br-Ph	H	H	H	^{i}Pr	H	CH_3	F	OH
XXI-29-2	p-Br-Ph	H	H	CH_3	^{i}Pr	H	CH_3	F	OH
XXI-29-3	p-Br-Ph	H	H	$CH(CH_3)_2$	^{i}Pr	H	CH_3	F	OH
XXI-29-4	p-Br-Ph	H	H	$CH_2CH(CH_3)_2$	^{i}Pr	H	CH_3	F	OH
XXI-29-5	p-Br-Ph	H	H	CH_2Ph	^{i}Pr	H	CH_3	F	OH
XXI-29-6	p-Br-Ph	H	H	CH_2-indol-3-yl	^{i}Pr	H	CH_3	F	OH
XXI-29-7	p-Br-Ph	H	H	$CH_2CH_2SCH_3$	^{i}Pr	H	CH_3	F	OH
XXI-29-8	p-Br-Ph	*	H	*	^{i}Pr	H	CH_3	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXI-30.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXI-30-1	p-I-Ph	H	H	H	^{i}Pr	H	CH_3	F	OH
XXI-30-2	p-I-Ph	H	H	CH_3	^{i}Pr	H	CH_3	F	OH
XXI-30-3	p-I-Ph	H	H	$CH(CH_3)_2$	^{i}Pr	H	CH_3	F	OH
XXI-30-4	p-I-Ph	H	H	$CH_2CH(CH_3)_2$	^{i}Pr	H	CH_3	F	OH
XXI-30-5	p-I-Ph	H	H	CH_2Ph	^{i}Pr	H	CH_3	F	OH
XXI-30-6	p-I-Ph	H	H	CH_2-indol-3-yl	^{i}Pr	H	CH_3	F	OH
XXI-30-7	p-I-Ph	H	H	$CH_2CH_2SCH_3$	^{i}Pr	H	CH_3	F	OH
XXI-30-8	p-I-Ph	*	H	*	^{i}Pr	H	CH_3	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXI-31.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXI-31-1	CH_3	H	H	H	^{n}Bu	H	CH_3	F	OH
XXI-31-2	CH_3	H	H	CH_3	^{n}Bu	H	CH_3	F	OH
XXI-31-3	CH_3	H	H	$CH(CH_3)_2$	^{n}Bu	H	CH_3	F	OH
XXI-31-4	CH_3	H	H	$CH_2CH(CH_3)_2$	^{n}Bu	H	CH_3	F	OH
XXI-31-5	CH_3	H	H	CH_2Ph	^{n}Bu	H	CH_3	F	OH
XXI-31-6	CH_3	H	H	CH_2-indol-3-yl	^{n}Bu	H	CH_3	F	OH
XXI-31-7	CH_3	H	H	$CH_2CH_2SCH_3$	^{n}Bu	H	CH_3	F	OH
XXI-31-8	CH_3	*	H	*	^{n}Bu	H	CH_3	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XXI-32.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXI-32-1	Et	H	H	H	^{n}Bu	H	CH_3	F	OH
XXI-32-2	Et	H	H	CH_3	^{n}Bu	H	CH_3	F	OH
XXI-32-3	Et	H	H	$CH(CH_3)_2$	^{n}Bu	H	CH_3	F	OH
XXI-32-4	Et	H	H	$CH_2CH(CH_3)_2$	^{n}Bu	H	CH_3	F	OH
XXI-32-5	Et	H	H	CH_2Ph	^{n}Bu	H	CH_3	F	OH
XXI-32-6	Et	H	H	CH_2-indol-3-yl	^{n}Bu	H	CH_3	F	OH
XXI-32-7	Et	H	H	$CH_2CH_2SCH_3$	^{n}Bu	H	CH_3	F	OH
XXI-32-8	Et	*	H	*	^{n}Bu	H	CH_3	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXI-33.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXI-33-1	^{i}Pr	H	H	H	^{n}Bu	H	CH_3	F	OH
XXI-33-2	^{i}Pr	H	H	CH_3	^{n}Bu	H	CH_3	F	OH
XXI-33-3	^{i}Pr	H	H	$CH(CH_3)_2$	^{n}Bu	H	CH_3	F	OH
XXI-33-4	^{i}Pr	H	H	$CH_2CH(CH_3)_2$	^{n}Bu	H	CH_3	F	OH
XXI-33-5	^{i}Pr	H	H	CH_2Ph	^{n}Bu	H	CH_3	F	OH
XXI-33-6	^{i}Pr	H	H	CH_2-indol-3-yl	^{n}Bu	H	CH_3	F	OH
XXI-33-7	^{i}Pr	H	H	$CH_2CH_2SCH_3$	^{n}Bu	H	CH_3	F	OH
XXI-33-8	^{i}Pr	*	H	*	^{n}Bu	H	CH_3	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXI-34.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXI-34-1	^{t}Bu	H	H	H	^{n}Bu	H	CH_3	F	OH
XXI-34-2	^{t}Bu	H	H	CH_3	^{n}Bu	H	CH_3	F	OH
XXI-34-3	^{t}Bu	H	H	$CH(CH_3)_2$	^{n}Bu	H	CH_3	F	OH
XXI-34-4	^{t}Bu	H	H	$CH_2CH(CH_3)_2$	^{n}Bu	H	CH_3	F	OH
XXI-34-5	^{t}Bu	H	H	CH_2Ph	^{n}Bu	H	CH_3	F	OH
XXI-34-6	^{t}Bu	H	H	CH_2-indol-3-yl	^{n}Bu	H	CH_3	F	OH
XXI-34-7	^{t}Bu	H	H	$CH_2CH_2SCH_3$	^{n}Bu	H	CH_3	F	OH
XXI-34-8	^{t}Bu	*	H	*	^{n}Bu	H	CH_3	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XXI-35.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXI-35-1	Ph	H	H	H	^{n}Bu	H	CH_3	F	OH
XXI-35-2	Ph	H	H	CH_3	^{n}Bu	H	CH_3	F	OH
XXI-35-3	Ph	H	H	$CH(CH_3)_2$	^{n}Bu	H	CH_3	F	OH
XXI-35-4	Ph	H	H	$CH_2CH(CH_3)_2$	^{n}Bu	H	CH_3	F	OH
XXI-35-5	Ph	H	H	CH_2Ph	^{n}Bu	H	CH_3	F	OH
XXI-35-6	Ph	H	H	CH_2-indol-3-yl	^{n}Bu	H	CH_3	F	OH
XXI-35-7	Ph	H	H	$CH_2CH_2SCH_3$	^{n}Bu	H	CH_3	F	OH
XXI-35-8	Ph	*	H	*	^{n}Bu	H	CH_3	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXI-36.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXI-36-1	p-Me-Ph	H	H	H	^{n}Bu	H	CH_3	F	OH
XXI-36-2	p-Me-Ph	H	H	CH_3	^{n}Bu	H	CH_3	F	OH
XXI-36-3	p-Me-Ph	H	H	$CH(CH_3)_2$	^{n}Bu	H	CH_3	F	OH
XXI-36-4	p-Me-Ph	H	H	$CH_2CH(CH_3)_2$	^{n}Bu	H	CH_3	F	OH
XXI-36-5	p-Me-Ph	H	H	CH_2Ph	^{n}Bu	H	CH_3	F	OH
XXI-36-6	p-Me-Ph	H	H	CH_2-indol-3-yl	^{n}Bu	H	CH_3	F	OH
XXI-36-7	p-Me-Ph	H	H	$CH_2CH_2SCH_3$	^{n}Bu	H	CH_3	F	OH
XXI-36-8	p-Me-Ph	*	H	*	^{n}Bu	H	CH_3	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXI-37.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXI-37-1	p-F-Ph	H	H	H	^{n}Bu	H	CH_3	F	OH
XXI-37-2	p-F-Ph	H	H	CH_3	^{n}Bu	H	CH_3	F	OH
XXI-37-3	p-F-Ph	H	H	$CH(CH_3)_2$	^{n}Bu	H	CH_3	F	OH
XXI-37-4	p-F-Ph	H	H	$CH_2CH(CH_3)_2$	^{n}Bu	H	CH_3	F	OH
XXI-37-5	p-F-Ph	H	H	CH_2Ph	^{n}Bu	H	CH_3	F	OH
XXI-37-6	p-F-Ph	H	H	CH_2-indol-3-yl	^{n}Bu	H	CH_3	F	OH
XXI-37-7	p-F-Ph	H	H	$CH_2CH_2SCH_3$	^{n}Bu	H	CH_3	F	OH
XXI-37-8	p-F-Ph	*	H	*	^{n}Bu	H	CH_3	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XXI-38.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXI-38-1	p-Cl-Ph	H	H	H	^{n}Bu	H	CH_3	F	OH
XXI-38-2	p-Cl-Ph	H	H	CH_3	^{n}Bu	H	CH_3	F	OH
XXI-38-3	p-Cl-Ph	H	H	$CH(CH_3)_2$	^{n}Bu	H	CH_3	F	OH
XXI-38-4	p-Cl-Ph	H	H	$CH_2CH(CH_3)_2$	^{n}Bu	H	CH_3	F	OH
XXI-38-5	p-Cl-Ph	H	H	CH_2Ph	^{n}Bu	H	CH_3	F	OH
XXI-38-6	p-Cl-Ph	H	H	CH_2-indol-3-yl	^{n}Bu	H	CH_3	F	OH
XXI-38-7	p-Cl-Ph	H	H	$CH_2CH_2SCH_3$	^{n}Bu	H	CH_3	F	OH
XXI-38-8	p-Cl-Ph	*	H	*	^{n}Bu	H	CH_3	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXI-39.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXI-39-1	p-Br-Ph	H	H	H	^{n}Bu	H	CH_3	F	OH
XXI-39-2	p-Br-Ph	H	H	CH_3	^{n}Bu	H	CH_3	F	OH
XXI-39-3	p-Br-Ph	H	H	$CH(CH_3)_2$	^{n}Bu	H	CH_3	F	OH
XXI-39-4	p-Br-Ph	H	H	$CH_2CH(CH_3)_2$	^{n}Bu	H	CH_3	F	OH
XXI-39-5	p-Br-Ph	H	H	CH_2Ph	^{n}Bu	H	CH_3	F	OH
XXI-39-6	p-Br-Ph	H	H	CH_2-indol-3-yl	^{n}Bu	H	CH_3	F	OH
XXI-39-7	p-Br-Ph	H	H	$CH_2CH_2SCH_3$	^{n}Bu	H	CH_3	F	OH
XXI-39-8	p-Br-Ph	*	H	*	^{n}Bu	H	CH_3	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXI-40.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXI-40-1	p-I-Ph	H	H	H	^{n}Bu	H	CH_3	F	OH
XXI-40-2	p-I-Ph	H	H	CH_3	^{n}Bu	H	CH_3	F	OH
XXI-40-3	p-I-Ph	H	H	$CH(CH_3)_2$	^{n}Bu	H	CH_3	F	OH
XXI-40-4	p-I-Ph	H	H	$CH_2CH(CH_3)_2$	^{n}Bu	H	CH_3	F	OH
XXI-40-5	p-I-Ph	H	H	CH_2Ph	^{n}Bu	H	CH_3	F	OH
XXI-40-6	p-I-Ph	H	H	CH_2-indol-3-yl	^{n}Bu	H	CH_3	F	OH
XXI-40-7	p-I-Ph	H	H	$CH_2CH_2SCH_3$	^{n}Bu	H	CH_3	F	OH
XXI-40-8	p-I-Ph	*	H	*	^{n}Bu	H	CH_3	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XXI-41.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXI-41-1	CH_3	H	H	H	Bz	H	CH_3	F	OH
XXI-41-2	CH_3	H	H	CH_3	Bz	H	CH_3	F	OH
XXI-41-3	CH_3	H	H	$CH(CH_3)_2$	Bz	H	CH_3	F	OH
XXI-41-4	CH_3	H	H	$CH_2CH(CH_3)_2$	Bz	H	CH_3	F	OH
XXI-41-5	CH_3	H	H	CH_2Ph	Bz	H	CH_3	F	OH
XXI-41-6	CH_3	H	H	CH_2-indol-3-yl	Bz	H	CH_3	F	OH
XXI-41-7	CH_3	H	H	$CH_2CH_2SCH_3$	Bz	H	CH_3	F	OH
XXI-41-8	CH_3	*	H	*	Bz	H	CH_3	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXI-42.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXI-42-1	Et	H	H	H	Bz	H	CH_3	F	OH
XXI-42-2	Et	H	H	CH_3	Bz	H	CH_3	F	OH
XXI-42-3	Et	H	H	$CH(CH_3)_2$	Bz	H	CH_3	F	OH
XXI-42-4	Et	H	H	$CH_2CH(CH_3)_2$	Bz	H	CH_3	F	OH
XXI-42-5	Et	H	H	CH_2Ph	Bz	H	CH_3	F	OH
XXI-42-6	Et	H	H	CH_2-indol-3-yl	Bz	H	CH_3	F	OH
XXI-42-7	Et	H	H	$CH_2CH_2SCH_3$	Bz	H	CH_3	F	OH
XXI-42-8	Et	*	H	*	Bz	H	CH_3	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXI-43.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXI-43-1	^{i}Pr	H	H	H	Bz	H	CH_3	F	OH
XXI-43-2	^{i}Pr	H	H	CH_3	Bz	H	CH_3	F	OH
XXI-43-3	^{i}Pr	H	H	$CH(CH_3)_2$	Bz	H	CH_3	F	OH
XXI-43-4	^{i}Pr	H	H	$CH_2CH(CH_3)_2$	Bz	H	CH_3	F	OH
XXI-43-5	^{i}Pr	H	H	CH_2Ph	Bz	H	CH_3	F	OH
XXI-43-6	^{i}Pr	H	H	CH_2-indol-3-yl	Bz	H	CH_3	F	OH
XXI-43-7	^{i}Pr	H	H	$CH_2CH_2SCH_3$	Bz	H	CH_3	F	OH
XXI-43-8	^{i}Pr	*	H	*	Bz	H	CH_3	F	OH

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*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXI-44.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXI-44-1	^{t}Bu	H	H	H	Bz	H	CH_3	F	OH
XXI-44-2	^{t}Bu	H	H	CH_3	Bz	H	CH_3	F	OH
XXI-44-3	^{t}Bu	H	H	$CH(CH_3)_2$	Bz	H	CH_3	F	OH
XXI-44-4	^{t}Bu	H	H	$CH_2CH(CH_3)_2$	Bz	H	CH_3	F	OH
XXI-44-5	^{t}Bu	H	H	CH_2Ph	Bz	H	CH_3	F	OH
XXI-44-6	^{t}Bu	H	H	CH_2-indol-3-yl	Bz	H	CH_3	F	OH
XXI-44-7	^{t}Bu	H	H	$CH_2CH_2SCH_3$	Bz	H	CH_3	F	OH
XXI-44-8	^{t}Bu	*	H	*	Bz	H	CH_3	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXI-45.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXI-45-1	Ph	H	H	H	Bz	H	CH_3	F	OH
XXI-45-2	Ph	H	H	CH_3	Bz	H	CH_3	F	OH
XXI-45-3	Ph	H	H	$CH(CH_3)_2$	Bz	H	CH_3	F	OH
XXI-45-4	Ph	H	H	$CH_2CH(CH_3)_2$	Bz	H	CH_3	F	OH
XXI-45-5	Ph	H	H	CH_2Ph	Bz	H	CH_3	F	OH
XXI-45-6	Ph	H	H	CH_2-indol-3-yl	Bz	H	CH_3	F	OH
XXI-45-7	Ph	H	H	$CH_2CH_2SCH_3$	Bz	H	CH_3	F	OH
XXI-45-8	Ph	*	H	*	Bz	H	CH_3	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXI-46.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXI-46-1	p-Me-Ph	H	H	H	Bz	H	CH_3	F	OH
XXI-46-2	p-Me-Ph	H	H	CH_3	Bz	H	CH_3	F	OH
XXI-46-3	p-Me-Ph	H	H	$CH(CH_3)_2$	Bz	H	CH_3	F	OH
XXI-46-4	p-Me-Ph	H	H	$CH_2CH(CH_3)_2$	Bz	H	CH_3	F	OH
XXI-46-5	p-Me-Ph	H	H	CH_2Ph	Bz	H	CH_3	F	OH
XXI-46-6	p-Me-Ph	H	H	CH_2-indol-3-yl	Bz	H	CH_3	F	OH
XXI-46-7	p-Me-Ph	H	H	$CH_2CH_2SCH_3$	Bz	H	CH_3	F	OH

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№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXI-46-8	p-Me-Ph	*	H	*	Bz	H	CH_3	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXI-47.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXI-47-1	p-F-Ph	H	H	H	Bz	H	CH_3	F	OH
XXI-47-2	p-F-Ph	H	H	CH_3	Bz	H	CH_3	F	OH
XXI-47-3	p-F-Ph	H	H	$CH(CH_3)_2$	Bz	H	CH_3	F	OH
XXI-47-4	p-F-Ph	H	H	$CH_2CH(CH_3)_2$	Bz	H	CH_3	F	OH
XXI-47-5	p-F-Ph	H	H	CH_2Ph	Bz	H	CH_3	F	OH
XXI-47-6	p-F-Ph	H	H	CH_2-indol-3-yl	Bz	H	CH_3	F	OH
XXI-47-7	p-F-Ph	H	H	$CH_2CH_2SCH_3$	Bz	H	CH_3	F	OH
XXI-47-8	p-F-Ph	*	H	*	Bz	H	CH_3	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXI-48.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXI-48-1	p-Cl-Ph	H	H	H	Bz	H	CH_3	F	OH
XXI-48-2	p-Cl-Ph	H	H	CH_3	Bz	H	CH_3	F	OH
XXI-48-3	p-Cl-Ph	H	H	$CH(CH_3)_2$	Bz	H	CH_3	F	OH
XXI-48-4	p-Cl-Ph	H	H	$CH_2CH(CH_3)_2$	Bz	H	CH_3	F	OH
XXI-48-5	p-Cl-Ph	H	H	CH_2Ph	Bz	H	CH_3	F	OH
XXI-48-6	p-Cl-Ph	H	H	CH_2-indol-3-yl	Bz	H	CH_3	F	OH
XXI-48-7	p-Cl-Ph	H	H	$CH_2CH_2SCH_3$	Bz	H	CH_3	F	OH
XXI-48-8	p-Cl-Ph	*	H	*	Bz	H	CH_3	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXI-49.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXI-49-1	p-Br-Ph	H	H	H	Bz	H	CH_3	F	OH
XXI-49-2	p-Br-Ph	H	H	CH_3	Bz	H	CH_3	F	OH
XXI-49-3	p-Br-Ph	H	H	$CH(CH_3)_2$	Bz	H	CH_3	F	OH
XXI-49-4	p-Br-Ph	H	H	$CH_2CH(CH_3)_2$	Bz	H	CH_3	F	OH
XXI-49-5	p-Br-Ph	H	H	CH_2Ph	Bz	H	CH_3	F	OH

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№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXI-49-6	p-Br-Ph	H	H	CH_2-indol-3-yl	Bz	H	CH_3	F	OH
XXI-49-7	p-Br-Ph	H	H	$CH_2CH_2SCH_3$	Bz	H	CH_3	F	OH
XXI-49-8	p-Br-Ph	*	H	*	Bz	H	CH_3	F	OH

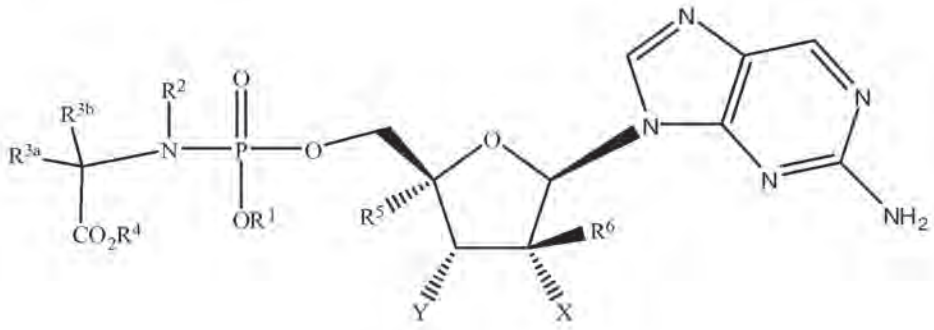
*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXI-50.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXI-50-1	p-I-Ph	H	H	H	Bz	H	CH_3	F	OH
XXI-50-2	p-I-Ph	H	H	CH_3	Bz	H	CH_3	F	OH
XXI-50-3	p-I-Ph	H	H	$CH(CH_3)_2$	Bz	H	CH_3	F	OH
XXI-50-4	p-I-Ph	H	H	$CH_2CH(CH_3)_2$	Bz	H	CH_3	F	OH
XXI-50-5	p-I-Ph	H	H	CH_2Ph	Bz	H	CH_3	F	OH
XXI-50-6	p-I-Ph	H	H	CH_2-indol-3-yl	Bz	H	CH_3	F	OH
XXI-50-7	p-I-Ph	H	H	$CH_2CH_2SCH_3$	Bz	H	CH_3	F	OH
XXI-50-8	p-I-Ph	*	H	*	Bz	H	CH_3	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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XXII

Table XXII-1.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXII-1-1	CH_3	H	H	H	CH_3	H	F	H	OH
XXII-1-2	CH_3	H	H	CH_3	CH_3	H	F	H	OH
XXII-1-3	CH_3	H	H	$CH(CH_3)_2$	CH_3	H	F	H	OH

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№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXII-1-4	CH_3	H	H	$CH_2CH(CH_3)_2$	CH_3	H	F	H	OH
XXII-1-5	CH_3	H	H	CH_2Ph	CH_3	H	F	H	OH
XXII-1-6	CH_3	H	H	CH_2-indol-3-yl	CH_3	H	F	H	OH
XXII-1-7	CH_3	H	H	$CH_2CH_2SCH_3$	CH_3	H	F	H	OH
XXII-1-8	CH_3	*	H	*	CH_3	H	F	H	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXII-2.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXII-2-1	Et	H	H	H	CH_3	H	F	H	OH
XXII-2-2	Et	H	H	CH_3	CH_3	H	F	H	OH
XXII-2-3	Et	H	H	$CH(CH_3)_2$	CH_3	H	F	H	OH
XXII-2-4	Et	H	H	$CH_2CH(CH_3)_2$	CH_3	H	F	H	OH
XXII-2-5	Et	H	H	CH_2Ph	CH_3	H	F	H	OH
XXII-2-6	Et	H	H	CH_2-indol-3-yl	CH_3	H	F	H	OH
XXII-2-7	Et	H	H	$CH_2CH_2SCH_3$	CH_3	H	F	H	OH
XXII-2-8	Et	*	H	*	CH_3	H	F	H	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXII-3.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXII-3-1	^{i}Pr	H	H	H	CH_3	H	F	H	OH
XXII-3-2	^{i}Pr	H	H	CH_3	CH_3	H	F	H	OH
XXII-3-3	^{i}Pr	H	H	$CH(CH_3)_2$	CH_3	H	F	H	OH
XXII-3-4	^{i}Pr	H	H	$CH_2CH(CH_3)_2$	CH_3	H	F	H	OH
XXII-3-5	^{i}Pr	H	H	CH_2Ph	CH_3	H	F	H	OH
XXII-3-6	^{i}Pr	H	H	CH_2-indol-3-yl	CH_3	H	F	H	OH
XXII-3-7	^{i}Pr	H	H	$CH_2CH_2SCH_3$	CH_3	H	F	H	OH
XXII-3-8	^{i}Pr	*	H	*	CH_3	H	F	H	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXII-4.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXII-4-1	^{t}Bu	H	H	H	CH_3	H	F	H	OH

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№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXII-4-2	^{t}Bu	H	H	CH_3	CH_3	H	F	H	OH
XXII-4-3	^{t}Bu	H	H	$CH(CH_3)_2$	CH_3	H	F	H	OH
XXII-4-4	^{t}Bu	H	H	$CH_2CH(CH_3)_2$	CH_3	H	F	H	OH
XXII-4-5	^{t}Bu	H	H	CH_2Ph	CH_3	H	F	H	OH
XXII-4-6	^{t}Bu	H	H	CH_2-indol-3-yl	CH_3	H	F	H	OH
XXII-4-7	^{t}Bu	H	H	$CH_2CH_2SCH_3$	CH_3	H	F	H	OH
XXII-4-8	^{t}Bu	*	H	*	CH_3	H	F	H	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXII-5.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXII-5-1	Ph	H	H	H	CH_3	H	F	H	OH
XXII-5-2	Ph	H	H	CH_3	CH_3	H	F	H	OH
XXII-5-3	Ph	H	H	$CH(CH_3)_2$	CH_3	H	F	H	OH
XXII-5-4	Ph	H	H	$CH_2CH(CH_3)_2$	CH_3	H	F	H	OH
XXII-5-5	Ph	H	H	CH_2Ph	CH_3	H	F	H	OH
XXII-5-6	Ph	H	H	CH_2-indol-3-yl	CH_3	H	F	H	OH
XXII-5-7	Ph	H	H	$CH_2CH_2SCH_3$	CH_3	H	F	H	OH
XXII-5-8	Ph	*	H	*	CH_3	H	F	H	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXII-6.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXII-6-1	p-Me-Ph	H	H	H	CH_3	H	F	H	OH
XXII-6-2	p-Me-Ph	H	H	CH_3	CH_3	H	F	H	OH
XXII-6-3	p-Me-Ph	H	H	$CH(CH_3)_2$	CH_3	H	F	H	OH
XXII-6-4	p-Me-Ph	H	H	$CH_2CH(CH_3)_2$	CH_3	H	F	H	OH
XXII-6-5	p-Me-Ph	H	H	CH_2Ph	CH_3	H	F	H	OH
XXII-6-6	p-Me-Ph	H	H	CH_2-indol-3-yl	CH_3	H	F	H	OH
XXII-6-7	p-Me-Ph	H	H	$CH_2CH_2SCH_3$	CH_3	H	F	H	OH
XXII-6-8	p-Me-Ph	*	H	*	CH_3	H	F	H	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXII-7.

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№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXII-7-1	p-F-Ph	H	H	H	CH_3	H	F	H	OH
XXII-7-2	p-F-Ph	H	H	CH_3	CH_3	H	F	H	OH
XXII-7-3	p-F-Ph	H	H	$CH(CH_3)_2$	CH_3	H	F	H	OH
XXII-7-4	p-F-Ph	H	H	$CH_2CH(CH_3)_2$	CH_3	H	F	H	OH
XXII-7-6	p-F-Ph	H	H	CH_2Ph	CH_3	H	F	H	OH
XXII-7-7	p-F-Ph	H	H	CH_2-indol-3-yl	CH_3	H	F	H	OH
XXII-7-8	p-F-Ph	H	H	$CH_2CH_2SCH_3$	CH_3	H	F	H	OH
XXII-7-20	p-F-Ph	*	H	*	CH_3	H	F	H	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXII-8.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXII-8-1	p-Cl-Ph	H	H	H	CH_3	H	F	H	OH
XXII-8-2	p-Cl-Ph	H	H	CH_3	CH_3	H	F	H	OH
XXII-8-3	p-Cl-Ph	H	H	$CH(CH_3)_2$	CH_3	H	F	H	OH
XXII-8-4	p-Cl-Ph	H	H	$CH_2CH(CH_3)_2$	CH_3	H	F	H	OH
XXII-8-5	p-Cl-Ph	H	H	CH_2Ph	CH_3	H	F	H	OH
XXII-8-6	p-Cl-Ph	H	H	CH_2-indol-3-yl	CH_3	H	F	H	OH
XXII-8-7	p-Cl-Ph	H	H	$CH_2CH_2SCH_3$	CH_3	H	F	H	OH
XXII-8-8	p-Cl-Ph	*	H	*	CH_3	H	F	H	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXII-9.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXII-9-1	p-Br-Ph	H	H	H	CH_3	H	F	H	OH
XXII-9-2	p-Br-Ph	H	H	CH_3	CH_3	H	F	H	OH
XXII-9-3	p-Br-Ph	H	H	$CH(CH_3)_2$	CH_3	H	F	H	OH
XXII-9-4	p-Br-Ph	H	H	$CH_2CH(CH_3)_2$	CH_3	H	F	H	OH
XXII-9-6	p-Br-Ph	H	H	CH_2Ph	CH_3	H	F	H	OH
XXII-9-7	p-Br-Ph	H	H	CH_2-indol-3-yl	CH_3	H	F	H	OH
XXII-9-8	p-Br-Ph	H	H	$CH_2CH_2SCH_3$	CH_3	H	F	H	OH
XXII-9-20	p-Br-Ph	*	H	*	CH_3	H	F	H	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XXII-10.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXII-10-1	p-I-Ph	H	H	H	CH_3	H	F	H	OH
XXII-10-2	p-I-Ph	H	H	CH_3	CH_3	H	F	H	OH
XXII-10-3	p-I-Ph	H	H	$CH(CH_3)_2$	CH_3	H	F	H	OH
XXII-10-4	p-I-Ph	H	H	$CH_2CH(CH_3)_2$	CH_3	H	F	H	OH
XXII-10-5	p-I-Ph	H	H	CH_2Ph	CH_3	H	F	H	OH
XXII-10-6	p-I-Ph	H	H	CH_2-indol-3-yl	CH_3	H	F	H	OH
XXII-10-7	p-I-Ph	H	H	$CH_2CH_2SCH_3$	CH_3	H	F	H	OH
XXII-10-8	p-I-Ph	*	H	*	CH_3	H	F	H	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXII-11.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXII-11-1	CH_3	H	H	H	Et	H	F	H	OH
XXII-11-2	CH_3	H	H	CH_3	Et	H	F	H	OH
XXII-11-3	CH_3	H	H	$CH(CH_3)_2$	Et	H	F	H	OH
XXII-11-4	CH_3	H	H	$CH_2CH(CH_3)_2$	Et	H	F	H	OH
XXII-11-5	CH_3	H	H	CH_2Ph	Et	H	F	H	OH
XXII-11-6	CH_3	H	H	CH_2-indol-3-yl	Et	H	F	H	OH
XXII-11-7	CH_3	H	H	$CH_2CH_2SCH_3$	Et	H	F	H	OH
XXII-11-8	CH_3	*	H	*	Et	H	F	H	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXII-12.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXII-12-1	Et	H	H	H	Et	H	F	H	OH
XXII-12-2	Et	H	H	CH_3	Et	H	F	H	OH
XXII-12-3	Et	H	H	$CH(CH_3)_2$	Et	H	F	H	OH
XXII-12-4	Et	H	H	$CH_2CH(CH_3)_2$	Et	H	F	H	OH
XXII-12-5	Et	H	H	CH_2Ph	Et	H	F	H	OH
XXII-12-6	Et	H	H	CH_2-indol-3-yl	Et	H	F	H	OH
XXII-12-7	Et	H	H	$CH_2CH_2SCH_3$	Et	H	F	H	OH
XXII-12-8	Et	*	H	*	Et	H	F	H	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XXII-13.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXII-13-1	^{i}Pr	H	H	H	Et	H	F	H	OH
XXII-13-2	^{i}Pr	H	H	CH_3	Et	H	F	H	OH
XXII-13-3	^{i}Pr	H	H	$CH(CH_3)_2$	Et	H	F	H	OH
XXII-13-4	^{i}Pr	H	H	$CH_2CH(CH_3)_2$	Et	H	F	H	OH
XXII-13-5	^{i}Pr	H	H	CH_2Ph	Et	H	F	H	OH
XXII-13-6	^{i}Pr	H	H	CH_2-indol-3-yl	Et	H	F	H	OH
XXII-13-7	^{i}Pr	H	H	$CH_2CH_2SCH_3$	Et	H	F	H	OH
XXII-13-8	^{i}Pr	*	H	*	Et	H	F	H	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXII-14.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXII-14-1	^{t}Bu	H	H	H	Et	H	F	H	OH
XXII-14-2	^{t}Bu	H	H	CH_3	Et	H	F	H	OH
XXII-14-3	^{t}Bu	H	H	$CH(CH_3)_2$	Et	H	F	H	OH
XXII-14-4	^{t}Bu	H	H	$CH_2CH(CH_3)_2$	Et	H	F	H	OH
XXII-14-5	^{t}Bu	H	H	CH_2Ph	Et	H	F	H	OH
XXII-14-6	^{t}Bu	H	H	CH_2-indol-3-yl	Et	H	F	H	OH
XXII-14-7	^{t}Bu	H	H	$CH_2CH_2SCH_3$	Et	H	F	H	OH
XXII-14-8	^{t}Bu	*	H	*	Et	H	F	H	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXII-15.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXII-15-1	Ph	H	H	H	Et	H	F	H	OH
XXII-15-2	Ph	H	H	CH_3	Et	H	F	H	OH
XXII-15-3	Ph	H	H	$CH(CH_3)_2$	Et	H	F	H	OH
XXII-15-4	Ph	H	H	$CH_2CH(CH_3)_2$	Et	H	F	H	OH
XXII-15-5	Ph	H	H	CH_2Ph	Et	H	F	H	OH
XXII-15-6	Ph	H	H	CH_2-indol-3-yl	Et	H	F	H	OH
XXII-15-7	Ph	H	H	$CH_2CH_2SCH_3$	Et	H	F	H	OH
XXII-15-8	Ph	*	H	*	Et	H	F	H	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XXII-16.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXII-16-1	p-Me-Ph	H	H	H	Et	H	F	H	OH
XXII-16-2	p-Me-Ph	H	H	CH_3	Et	H	F	H	OH
XXII-16-3	p-Me-Ph	H	H	$CH(CH_3)_2$	Et	H	F	H	OH
XXII-16-4	p-Me-Ph	H	H	$CH_2CH(CH_3)_2$	Et	H	F	H	OH
XXII-16-5	p-Me-Ph	H	H	CH_2Ph	Et	H	F	H	OH
XXII-16-6	p-Me-Ph	H	H	CH_2-indol-3-yl	Et	H	F	H	OH
XXII-16-7	p-Me-Ph	H	H	$CH_2CH_2SCH_3$	Et	H	F	H	OH
XXII-16-8	p-Me-Ph	*	H	*	Et	H	F	H	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXII-17.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXII-17-1	p-F-Ph	H	H	H	Et	H	F	H	OH
XXII-17-2	p-F-Ph	H	H	CH_3	Et	H	F	H	OH
XXII-17-3	p-F-Ph	H	H	$CH(CH_3)_2$	Et	H	F	H	OH
XXII-17-4	p-F-Ph	H	H	$CH_2CH(CH_3)_2$	Et	H	F	H	OH
XXII-17-5	p-F-Ph	H	H	CH_2Ph	Et	H	F	H	OH
XXII-17-6	p-F-Ph	H	H	CH_2-indol-3-yl	Et	H	F	H	OH
XXII-17-7	p-F-Ph	H	H	$CH_2CH_2SCH_3$	Et	H	F	H	OH
XXII-17-8	p-F-Ph	*	H	*	Et	H	F	H	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXII-18.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXII-18-1	p-Cl-Ph	H	H	H	Et	H	F	H	OH
XXII-18-2	p-Cl-Ph	H	H	CH_3	Et	H	F	H	OH
XXII-18-3	p-Cl-Ph	H	H	$CH(CH_3)_2$	Et	H	F	H	OH
XXII-18-4	p-Cl-Ph	H	H	$CH_2CH(CH_3)_2$	Et	H	F	H	OH
XXII-18-5	p-Cl-Ph	H	H	CH_2Ph	Et	H	F	H	OH
XXII-18-6	p-Cl-Ph	H	H	CH_2-indol-3-yl	Et	H	F	H	OH
XXII-18-7	p-Cl-Ph	H	H	$CH_2CH_2SCH_3$	Et	H	F	H	OH
XXII-18-8	p-Cl-Ph	*	H	*	Et	H	F	H	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XXII-19.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXII-19-1	p-Br-Ph	H	H	H	Et	H	F	H	OH
XXII-19-2	p-Br-Ph	H	H	CH_3	Et	H	F	H	OH
XXII-19-3	p-Br-Ph	H	H	$CH(CH_3)_2$	Et	H	F	H	OH
XXII-19-4	p-Br-Ph	H	H	$CH_2CH(CH_3)_2$	Et	H	F	H	OH
XXII-19-5	p-Br-Ph	H	H	CH_2Ph	Et	H	F	H	OH
XXII-19-6	p-Br-Ph	H	H	CH_2-indol-3-yl	Et	H	F	H	OH
XXII-19-7	p-Br-Ph	H	H	$CH_2CH_2SCH_3$	Et	H	F	H	OH
XXII-19-8	p-Br-Ph	*	H	*	Et	H	F	H	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXII-20.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXII-20-1	p-I-Ph	H	H	H	Et	H	F	H	OH
XXII-20-2	p-I-Ph	H	H	CH_3	Et	H	F	H	OH
XXII-20-3	p-I-Ph	H	H	$CH(CH_3)_2$	Et	H	F	H	OH
XXII-20-4	p-I-Ph	H	H	$CH_2CH(CH_3)_2$	Et	H	F	H	OH
XXII-20-5	p-I-Ph	H	H	CH_2Ph	Et	H	F	H	OH
XXII-20-6	p-I-Ph	H	H	CH_2-indol-3-yl	Et	H	F	H	OH
XXII-20-7	p-I-Ph	H	H	$CH_2CH_2SCH_3$	Et	H	F	H	OH
XXII-20-8	p-I-Ph	*	H	*	Et	H	F	H	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXII-21.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXII-21-1	CH_3	H	H	H	^{i}Pr	H	F	H	OH
XXII-21-2	CH_3	H	H	CH_3	^{i}Pr	H	F	H	OH
XXII-21-3	CH_3	H	H	$CH(CH_3)_2$	^{i}Pr	H	F	H	OH
XXII-21-4	CH_3	H	H	$CH_2CH(CH_3)_2$	^{i}Pr	H	F	H	OH
XXII-21-5	CH_3	H	H	CH_2Ph	^{i}Pr	H	F	H	OH
XXII-21-6	CH_3	H	H	CH_2-indol-3-yl	^{i}Pr	H	F	H	OH
XXII-21-7	CH_3	H	H	$CH_2CH_2SCH_3$	^{i}Pr	H	F	H	OH
XXII-21-8	CH_3	*	H	*	^{i}Pr	H	F	H	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XXII-22.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXII-22-1	Et	H	H	H	^{i}Pr	H	F	H	OH
XXII-22-2	Et	H	H	CH_3	^{i}Pr	H	F	H	OH
XXII-22-3	Et	H	H	$CH(CH_3)_2$	^{i}Pr	H	F	H	OH
XXII-22-4	Et	H	H	$CH_2CH(CH_3)_2$	^{i}Pr	H	F	H	OH
XXII-22-5	Et	H	H	CH_2Ph	^{i}Pr	H	F	H	OH
XXII-22-6	Et	H	H	CH_2-indol-3-yl	^{i}Pr	H	F	H	OH
XXII-22-7	Et	H	H	$CH_2CH_2SCH_3$	^{i}Pr	H	F	H	OH
XXII-22-8	Et	*	H	*	^{i}Pr	H	F	H	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXII-23.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXII-23-1	^{i}Pr	H	H	H	^{i}Pr	H	F	H	OH
XXII-23-2	^{i}Pr	H	H	CH_3	^{i}Pr	H	F	H	OH
XXII-23-3	^{i}Pr	H	H	$CH(CH_3)_2$	^{i}Pr	H	F	H	OH
XXII-23-4	^{i}Pr	H	H	$CH_2CH(CH_3)_2$	^{i}Pr	H	F	H	OH
XXII-23-5	^{i}Pr	H	H	CH_2Ph	^{i}Pr	H	F	H	OH
XXII-23-6	^{i}Pr	H	H	CH_2-indol-3-yl	^{i}Pr	H	F	H	OH
XXII-23-7	^{i}Pr	H	H	$CH_2CH_2SCH_3$	^{i}Pr	H	F	H	OH
XXII-23-8	^{i}Pr	*	H	*	^{i}Pr	H	F	H	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXII-24.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXII-24-1	^{t}Bu	H	H	H	^{i}Pr	H	F	H	OH
XXII-24-2	^{t}Bu	H	H	CH_3	^{i}Pr	H	F	H	OH
XXII-24-3	^{t}Bu	H	H	$CH(CH_3)_2$	^{i}Pr	H	F	H	OH
XXII-24-4	^{t}Bu	H	H	$CH_2CH(CH_3)_2$	^{i}Pr	H	F	H	OH
XXII-24-5	^{t}Bu	H	H	CH_2Ph	^{i}Pr	H	F	H	OH
XXII-24-6	^{t}Bu	H	H	CH_2-indol-3-yl	^{i}Pr	H	F	H	OH
XXII-24-7	^{t}Bu	H	H	$CH_2CH_2SCH_3$	^{i}Pr	H	F	H	OH
XXII-24-8	^{t}Bu	*	H	*	^{i}Pr	H	F	H	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XXII-25.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXII-25-1	Ph	H	H	H	^{i}Pr	H	F	H	OH
XXII-25-2	Ph	H	H	CH_3	^{i}Pr	H	F	H	OH
XXII-25-3	Ph	H	H	$CH(CH_3)_2$	^{i}Pr	H	F	H	OH
XXII-25-4	Ph	H	H	$CH_2CH(CH_3)_2$	^{i}Pr	H	F	H	OH
XXII-25-5	Ph	H	H	CH_2Ph	^{i}Pr	H	F	H	OH
XXII-25-6	Ph	H	H	CH_2-indol-3-yl	^{i}Pr	H	F	H	OH
XXII-25-7	Ph	H	H	$CH_2CH_2SCH_3$	^{i}Pr	H	F	H	OH
XXII-25-8	Ph	*	H	*	^{i}Pr	H	F	H	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXII-26.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXII-26-1	p-Me-Ph	H	H	H	^{i}Pr	H	F	H	OH
XXII-26-2	p-Me-Ph	H	H	CH_3	^{i}Pr	H	F	H	OH
XXII-26-3	p-Me-Ph	H	H	$CH(CH_3)_2$	^{i}Pr	H	F	H	OH
XXII-26-4	p-Me-Ph	H	H	$CH_2CH(CH_3)_2$	^{i}Pr	H	F	H	OH
XXII-26-5	p-Me-Ph	H	H	CH_2Ph	^{i}Pr	H	F	H	OH
XXII-26-6	p-Me-Ph	H	H	CH_2-indol-3-yl	^{i}Pr	H	F	H	OH
XXII-26-7	p-Me-Ph	H	H	$CH_2CH_2SCH_3$	^{i}Pr	H	F	H	OH
XXII-26-8	p-Me-Ph	*	H	*	^{i}Pr	H	F	H	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXII-27.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXII-27-1	p-F-Ph	H	H	H	^{i}Pr	H	F	H	OH
XXII-27-2	p-F-Ph	H	H	CH_3	^{i}Pr	H	F	H	OH
XXII-27-3	p-F-Ph	H	H	$CH(CH_3)_2$	^{i}Pr	H	F	H	OH
XXII-27-4	p-F-Ph	H	H	$CH_2CH(CH_3)_2$	^{i}Pr	H	F	H	OH
XXII-27-5	p-F-Ph	H	H	CH_2Ph	^{i}Pr	H	F	H	OH
XXII-27-6	p-F-Ph	H	H	CH_2-indol-3-yl	^{i}Pr	H	F	H	OH
XXII-27-7	p-F-Ph	H	H	$CH_2CH_2SCH_3$	^{i}Pr	H	F	H	OH
XXII-27-8	p-F-Ph	*	H	*	^{i}Pr	H	F	H	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XXII-28.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXII-28-1	p-Cl-Ph	H	H	H	^{i}Pr	H	F	H	OH
XXII-28-2	p-Cl-Ph	H	H	CH_3	^{i}Pr	H	F	H	OH
XXII-28-3	p-Cl-Ph	H	H	$CH(CH_3)_2$	^{i}Pr	H	F	H	OH
XXII-28-4	p-Cl-Ph	H	H	$CH_2CH(CH_3)_2$	^{i}Pr	H	F	H	OH
XXII-28-5	p-Cl-Ph	H	H	CH_2Ph	^{i}Pr	H	F	H	OH
XXII-28-6	p-Cl-Ph	H	H	CH_2-indol-3-yl	^{i}Pr	H	F	H	OH
XXII-28-7	p-Cl-Ph	H	H	$CH_2CH_2SCH_3$	^{i}Pr	H	F	H	OH
XXII-28-8	p-Cl-Ph	*	H	*	^{i}Pr	H	F	H	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXII-29.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXII-29-1	p-Br-Ph	H	H	H	^{i}Pr	H	F	H	OH
XXII-29-2	p-Br-Ph	H	H	CH_3	^{i}Pr	H	F	H	OH
XXII-29-3	p-Br-Ph	H	H	$CH(CH_3)_2$	^{i}Pr	H	F	H	OH
XXII-29-4	p-Br-Ph	H	H	$CH_2CH(CH_3)_2$	^{i}Pr	H	F	H	OH
XXII-29-5	p-Br-Ph	H	H	CH_2Ph	^{i}Pr	H	F	H	OH
XXII-29-6	p-Br-Ph	H	H	CH_2-indol-3-yl	^{i}Pr	H	F	H	OH
XXII-29-7	p-Br-Ph	H	H	$CH_2CH_2SCH_3$	^{i}Pr	H	F	H	OH
XXII-29-8	p-Br-Ph	*	H	*	^{i}Pr	H	F	H	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXII-30.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXII-30-1	p-I-Ph	H	H	H	^{i}Pr	H	F	H	OH
XXII-30-2	p-I-Ph	H	H	CH_3	^{i}Pr	H	F	H	OH
XXII-30-3	p-I-Ph	H	H	$CH(CH_3)_2$	^{i}Pr	H	F	H	OH
XXII-30-4	p-I-Ph	H	H	$CH_2CH(CH_3)_2$	^{i}Pr	H	F	H	OH
XXII-30-5	p-I-Ph	H	H	CH_2Ph	^{i}Pr	H	F	H	OH
XXII-30-6	p-I-Ph	H	H	CH_2-indol-3-yl	^{i}Pr	H	F	H	OH
XXII-30-7	p-I-Ph	H	H	$CH_2CH_2SCH_3$	^{i}Pr	H	F	H	OH
XXII-30-8	p-I-Ph	*	H	*	^{i}Pr	H	F	H	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XXII-31.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXII-31-1	CH_3	H	H	H	^{n}Bu	H	F	H	OH
XXII-31-2	CH_3	H	H	CH_3	^{n}Bu	H	F	H	OH
XXII-31-3	CH_3	H	H	$CH(CH_3)_2$	^{n}Bu	H	F	H	OH
XXII-31-4	CH_3	H	H	$CH_2CH(CH_3)_2$	^{n}Bu	H	F	H	OH
XXII-31-5	CH_3	H	H	CH_2Ph	^{n}Bu	H	F	H	OH
XXII-31-6	CH_3	H	H	CH_2-indol-3-yl	^{n}Bu	H	F	H	OH
XXII-31-7	CH_3	H	H	$CH_2CH_2SCH_3$	^{n}Bu	H	F	H	OH
XXII-31-8	CH_3	*	H	*	^{n}Bu	H	F	H	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXII-32.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXII-32-1	Et	H	H	H	^{n}Bu	H	F	H	OH
XXII-32-2	Et	H	H	CH_3	^{n}Bu	H	F	H	OH
XXII-32-3	Et	H	H	$CH(CH_3)_2$	^{n}Bu	H	F	H	OH
XXII-32-4	Et	H	H	$CH_2CH(CH_3)_2$	^{n}Bu	H	F	H	OH
XXII-32-5	Et	H	H	CH_2Ph	^{n}Bu	H	F	H	OH
XXII-32-6	Et	H	H	CH_2-indol-3-yl	^{n}Bu	H	F	H	OH
XXII-32-7	Et	H	H	$CH_2CH_2SCH_3$	^{n}Bu	H	F	H	OH
XXII-32-8	Et	*	H	*	^{n}Bu	H	F	H	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXII-33.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXII-33-1	^{i}Pr	H	H	H	^{n}Bu	H	F	H	OH
XXII-33-2	^{i}Pr	H	H	CH_3	^{n}Bu	H	F	H	OH
XXII-33-3	^{i}Pr	H	H	$CH(CH_3)_2$	^{n}Bu	H	F	H	OH
XXII-33-4	^{i}Pr	H	H	$CH_2CH(CH_3)_2$	^{n}Bu	H	F	H	OH
XXII-33-5	^{i}Pr	H	H	CH_2Ph	^{n}Bu	H	F	H	OH
XXII-33-6	^{i}Pr	H	H	CH_2-indol-3-yl	^{n}Bu	H	F	H	OH
XXII-33-7	^{i}Pr	H	H	$CH_2CH_2SCH_3$	^{n}Bu	H	F	H	OH
XXII-33-8	^{i}Pr	*	H	*	^{n}Bu	H	F	H	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XXII-34.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXII-34-1	^{t}Bu	H	H	H	^{n}Bu	H	F	H	OH
XXII-34-2	^{t}Bu	H	H	CH_3	^{n}Bu	H	F	H	OH
XXII-34-3	^{t}Bu	H	H	$CH(CH_3)_2$	^{n}Bu	H	F	H	OH
XXII-34-4	^{t}Bu	H	H	$CH_2CH(CH_3)_2$	^{n}Bu	H	F	H	OH
XXII-34-5	^{t}Bu	H	H	CH_2Ph	^{n}Bu	H	F	H	OH
XXII-34-6	^{t}Bu	H	H	CH_2-indol-3-yl	^{n}Bu	H	F	H	OH
XXII-34-7	^{t}Bu	H	H	$CH_2CH_2SCH_3$	^{n}Bu	H	F	H	OH
XXII-34-8	^{t}Bu	*	H	*	^{n}Bu	H	F	H	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXII-35.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXII-35-1	Ph	H	H	H	^{n}Bu	H	F	H	OH
XXII-35-2	Ph	H	H	CH_3	^{n}Bu	H	F	H	OH
XXII-35-3	Ph	H	H	$CH(CH_3)_2$	^{n}Bu	H	F	H	OH
XXII-35-4	Ph	H	H	$CH_2CH(CH_3)_2$	^{n}Bu	H	F	H	OH
XXII-35-5	Ph	H	H	CH_2Ph	^{n}Bu	H	F	H	OH
XXII-35-6	Ph	H	H	CH_2-indol-3-yl	^{n}Bu	H	F	H	OH
XXII-35-7	Ph	H	H	$CH_2CH_2SCH_3$	^{n}Bu	H	F	H	OH
XXII-35-8	Ph	*	H	*	^{n}Bu	H	F	H	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXII-36.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXII-36-1	p-Me-Ph	H	H	H	^{n}Bu	H	F	H	OH
XXII-36-2	p-Me-Ph	H	H	CH_3	^{n}Bu	H	F	H	OH
XXII-36-3	p-Me-Ph	H	H	$CH(CH_3)_2$	^{n}Bu	H	F	H	OH
XXII-36-4	p-Me-Ph	H	H	$CH_2CH(CH_3)_2$	^{n}Bu	H	F	H	OH
XXII-36-5	p-Me-Ph	H	H	CH_2Ph	^{n}Bu	H	F	H	OH
XXII-36-6	p-Me-Ph	H	H	CH_2-indol-3-yl	^{n}Bu	H	F	H	OH
XXII-36-7	p-Me-Ph	H	H	$CH_2CH_2SCH_3$	^{n}Bu	H	F	H	OH
XXII-36-8	p-Me-Ph	*	H	*	^{n}Bu	H	F	H	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XXII-37.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXII-37-1	p-F-Ph	H	H	H	^{n}Bu	H	F	H	OH
XXII-37-2	p-F-Ph	H	H	CH_3	^{n}Bu	H	F	H	OH
XXII-37-3	p-F-Ph	H	H	$CH(CH_3)_2$	^{n}Bu	H	F	H	OH
XXII-37-4	p-F-Ph	H	H	$CH_2CH(CH_3)_2$	^{n}Bu	H	F	H	OH
XXII-37-5	p-F-Ph	H	H	CH_2Ph	^{n}Bu	H	F	H	OH
XXII-37-6	p-F-Ph	H	H	CH_2-indol-3-yl	^{n}Bu	H	F	H	OH
XXII-37-7	p-F-Ph	H	H	$CH_2CH_2SCH_3$	^{n}Bu	H	F	H	OH
XXII-37-8	p-F-Ph	*	H	*	^{n}Bu	H	F	H	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXII-38.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXII-38-1	p-Cl-Ph	H	H	H	^{n}Bu	H	F	H	OH
XXII-38-2	p-Cl-Ph	H	H	CH_3	^{n}Bu	H	F	H	OH
XXII-38-3	p-Cl-Ph	H	H	$CH(CH_3)_2$	^{n}Bu	H	F	H	OH
XXII-38-4	p-Cl-Ph	H	H	$CH_2CH(CH_3)_2$	^{n}Bu	H	F	H	OH
XXII-38-5	p-Cl-Ph	H	H	CH_2Ph	^{n}Bu	H	F	H	OH
XXII-38-6	p-Cl-Ph	H	H	CH_2-indol-3-yl	^{n}Bu	H	F	H	OH
XXII-38-7	p-Cl-Ph	H	H	$CH_2CH_2SCH_3$	^{n}Bu	H	F	H	OH
XXII-38-8	p-Cl-Ph	*	H	*	^{n}Bu	H	F	H	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXII-39.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXII-39-1	p-Br-Ph	H	H	H	^{n}Bu	H	F	H	OH
XXII-39-2	p-Br-Ph	H	H	CH_3	^{n}Bu	H	F	H	OH
XXII-39-3	p-Br-Ph	H	H	$CH(CH_3)_2$	^{n}Bu	H	F	H	OH
XXII-39-4	p-Br-Ph	H	H	$CH_2CH(CH_3)_2$	^{n}Bu	H	F	H	OH
XXII-39-5	p-Br-Ph	H	H	CH_2Ph	^{n}Bu	H	F	H	OH
XXII-39-6	p-Br-Ph	H	H	CH_2-indol-3-yl	^{n}Bu	H	F	H	OH
XXII-39-7	p-Br-Ph	H	H	$CH_2CH_2SCH_3$	^{n}Bu	H	F	H	OH
XXII-39-8	p-Br-Ph	*	H	*	^{n}Bu	H	F	H	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XXII-40.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXII-40-1	p-I-Ph	H	H	H	^{n}Bu	H	F	H	OH
XXII-40-2	p-I-Ph	H	H	CH_3	^{n}Bu	H	F	H	OH
XXII-40-3	p-I-Ph	H	H	$CH(CH_3)_2$	^{n}Bu	H	F	H	OH
XXII-40-4	p-I-Ph	H	H	$CH_2CH(CH_3)_2$	^{n}Bu	H	F	H	OH
XXII-40-5	p-I-Ph	H	H	CH_2Ph	^{n}Bu	H	F	H	OH
XXII-40-6	p-I-Ph	H	H	CH_2-indol-3-yl	^{n}Bu	H	F	H	OH
XXII-40-7	p-I-Ph	H	H	$CH_2CH_2SCH_3$	^{n}Bu	H	F	H	OH
XXII-40-8	p-I-Ph	*	H	*	^{n}Bu	H	F	H	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXII-41.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXII-41-1	CH_3	H	H	H	Bz	H	F	H	OH
XXII-41-2	CH_3	H	H	CH_3	Bz	H	F	H	OH
XXII-41-3	CH_3	H	H	$CH(CH_3)_2$	Bz	H	F	H	OH
XXII-41-4	CH_3	H	H	$CH_2CH(CH_3)_2$	Bz	H	F	H	OH
XXII-41-5	CH_3	H	H	CH_2Ph	Bz	H	F	H	OH
XXII-41-6	CH_3	H	H	CH_2-indol-3-yl	Bz	H	F	H	OH
XXII-41-7	CH_3	H	H	$CH_2CH_2SCH_3$	Bz	H	F	H	OH
XXII-41-8	CH_3	*	H	*	Bz	H	F	H	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXII-42.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXII-42-1	Et	H	H	H	Bz	H	F	H	OH
XXII-42-2	Et	H	H	CH_3	Bz	H	F	H	OH
XXII-42-3	Et	H	H	$CH(CH_3)_2$	Bz	H	F	H	OH
XXII-42-4	Et	H	H	$CH_2CH(CH_3)_2$	Bz	H	F	H	OH
XXII-42-5	Et	H	H	CH_2Ph	Bz	H	F	H	OH
XXII-42-6	Et	H	H	CH_2-indol-3-yl	Bz	H	F	H	OH
XXII-42-7	Et	H	H	$CH_2CH_2SCH_3$	Bz	H	F	H	OH
XXII-42-8	Et	*	H	*	Bz	H	F	H	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XXII-43.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXII-43-1	^{i}Pr	H	H	H	Bz	H	F	H	OH
XXII-43-2	^{i}Pr	H	H	CH_3	Bz	H	F	H	OH
XXII-43-3	^{i}Pr	H	H	$CH(CH_3)_2$	Bz	H	F	H	OH
XXII-43-4	^{i}Pr	H	H	$CH_2CH(CH_3)_2$	Bz	H	F	H	OH
XXII-43-5	^{i}Pr	H	H	CH_2Ph	Bz	H	F	H	OH
XXII-43-6	^{i}Pr	H	H	CH_2-indol-3-yl	Bz	H	F	H	OH
XXII-43-7	^{i}Pr	H	H	$CH_2CH_2SCH_3$	Bz	H	F	H	OH
XXII-43-8	^{i}Pr	*	H	*	Bz	H	F	H	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXII-44.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXII-44-1	^{t}Bu	H	H	H	Bz	H	F	H	OH
XXII-44-2	^{t}Bu	H	H	CH_3	Bz	H	F	H	OH
XXII-44-3	^{t}Bu	H	H	$CH(CH_3)_2$	Bz	H	F	H	OH
XXII-44-4	^{t}Bu	H	H	$CH_2CH(CH_3)_2$	Bz	H	F	H	OH
XXII-44-5	^{t}Bu	H	H	CH_2Ph	Bz	H	F	H	OH
XXII-44-6	^{t}Bu	H	H	CH_2-indol-3-yl	Bz	H	F	H	OH
XXII-44-7	^{t}Bu	H	H	$CH_2CH_2SCH_3$	Bz	H	F	H	OH
XXII-44-8	^{t}Bu	*	H	*	Bz	H	F	H	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXII-45.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXII-45-1	Ph	H	H	H	Bz	H	F	H	OH
XXII-45-2	Ph	H	H	CH_3	Bz	H	F	H	OH
XXII-45-3	Ph	H	H	$CH(CH_3)_2$	Bz	H	F	H	OH
XXII-45-4	Ph	H	H	$CH_2CH(CH_3)_2$	Bz	H	F	H	OH
XXII-45-5	Ph	H	H	CH_2Ph	Bz	H	F	H	OH
XXII-45-6	Ph	H	H	CH_2-indol-3-yl	Bz	H	F	H	OH
XXII-45-7	Ph	H	H	$CH_2CH_2SCH_3$	Bz	H	F	H	OH
XXII-45-8	Ph	*	H	*	Bz	H	F	H	OH

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*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXII-46.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXII-46-1	p-Me-Ph	H	H	H	Bz	H	F	H	OH
XXII-46-2	p-Me-Ph	H	H	CH_3	Bz	H	F	H	OH
XXII-46-3	p-Me-Ph	H	H	$CH(CH_3)_2$	Bz	H	F	H	OH
XXII-46-4	p-Me-Ph	H	H	$CH_2CH(CH_3)_2$	Bz	H	F	H	OH
XXII-46-5	p-Me-Ph	H	H	CH_2Ph	Bz	H	F	H	OH
XXII-46-6	p-Me-Ph	H	H	CH_2-indol-3-yl	Bz	H	F	H	OH
XXII-46-7	p-Me-Ph	H	H	$CH_2CH_2SCH_3$	Bz	H	F	H	OH
XXII-46-8	p-Me-Ph	*	H	*	Bz	H	F	H	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXII-47.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXII-47-1	p-F-Ph	H	H	H	Bz	H	F	H	OH
XXII-47-2	p-F-Ph	H	H	CH_3	Bz	H	F	H	OH
XXII-47-3	p-F-Ph	H	H	$CH(CH_3)_2$	Bz	H	F	H	OH
XXII-47-4	p-F-Ph	H	H	$CH_2CH(CH_3)_2$	Bz	H	F	H	OH
XXII-47-5	p-F-Ph	H	H	CH_2Ph	Bz	H	F	H	OH
XXII-47-6	p-F-Ph	H	H	CH_2-indol-3-yl	Bz	H	F	H	OH
XXII-47-7	p-F-Ph	H	H	$CH_2CH_2SCH_3$	Bz	H	F	H	OH
XXII-47-8	p-F-Ph	*	H	*	Bz	H	F	H	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXII-48.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXII-48-1	p-Cl-Ph	H	H	H	Bz	H	F	H	OH
XXII-48-2	p-Cl-Ph	H	H	CH_3	Bz	H	F	H	OH
XXII-48-3	p-Cl-Ph	H	H	$CH(CH_3)_2$	Bz	H	F	H	OH
XXII-48-4	p-Cl-Ph	H	H	$CH_2CH(CH_3)_2$	Bz	H	F	H	OH
XXII-48-5	p-Cl-Ph	H	H	CH_2Ph	Bz	H	F	H	OH
XXII-48-6	p-Cl-Ph	H	H	CH_2-indol-3-yl	Bz	H	F	H	OH
XXII-48-7	p-Cl-Ph	H	H	$CH_2CH_2SCH_3$	Bz	H	F	H	OH

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№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXII-48-8	p-Cl-Ph	*	H	*	Bz	H	F	H	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXII-49.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXII-49-1	p-Br-Ph	H	H	H	Bz	H	F	H	OH
XXII-49-2	p-Br-Ph	H	H	CH_3	Bz	H	F	H	OH
XXII-49-3	p-Br-Ph	H	H	$CH(CH_3)_2$	Bz	H	F	H	OH
XXII-49-4	p-Br-Ph	H	H	$CH_2CH(CH_3)_2$	Bz	H	F	H	OH
XXII-49-5	p-Br-Ph	H	H	CH_2Ph	Bz	H	F	H	OH
XXII-49-6	p-Br-Ph	H	H	CH_2-indol-3-yl	Bz	H	F	H	OH
XXII-49-7	p-Br-Ph	H	H	$CH_2CH_2SCH_3$	Bz	H	F	H	OH
XXII-49-8	p-Br-Ph	*	H	*	Bz	H	F	H	OH

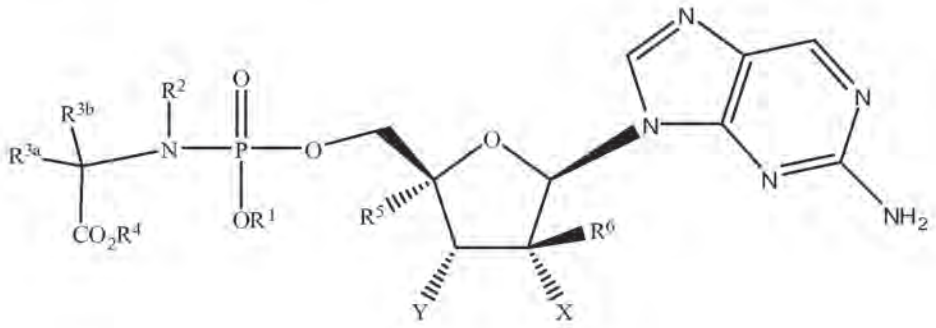
*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXII-50.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXII-50-1	p-I-Ph	H	H	H	Bz	H	F	H	OH
XXII-50-2	p-I-Ph	H	H	CH_3	Bz	H	F	H	OH
XXII-50-3	p-I-Ph	H	H	$CH(CH_3)_2$	Bz	H	F	H	OH
XXII-50-4	p-I-Ph	H	H	$CH_2CH(CH_3)_2$	Bz	H	F	H	OH
XXII-50-5	p-I-Ph	H	H	CH_2Ph	Bz	H	F	H	OH
XXII-50-6	p-I-Ph	H	H	CH_2-indol-3-yl	Bz	H	F	H	OH
XXII-50-7	p-I-Ph	H	H	$CH_2CH_2SCH_3$	Bz	H	F	H	OH
XXII-50-8	p-I-Ph	*	H	*	Bz	H	F	H	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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XXIII

Table XXIII-1.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXIII-1-1	CH_3	H	H	H	CH_3	H	F	F	OH
XXIII-1-2	CH_3	H	H	CH_3	CH_3	H	F	F	OH
XXIII-1-3	CH_3	H	H	$CH(CH_3)_2$	CH_3	H	F	F	OH
XXIII-1-4	CH_3	H	H	$CH_2CH(CH_3)_2$	CH_3	H	F	F	OH
XXIII-1-5	CH_3	H	H	CH_2Ph	CH_3	H	F	F	OH
XXIII-1-6	CH_3	H	H	CH_2-indol-3-yl	CH_3	H	F	F	OH
XXIII-1-7	CH_3	H	H	$CH_2CH_2SCH_3$	CH_3	H	F	F	OH
XXIII-1-8	CH_3	*	H	*	CH_3	H	F	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXIII-2.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXIII-2-1	Et	H	H	H	CH_3	H	F	F	OH
XXIII-2-2	Et	H	H	CH_3	CH_3	H	F	F	OH
XXIII-2-3	Et	H	H	$CH(CH_3)_2$	CH_3	H	F	F	OH
XXIII-2-4	Et	H	H	$CH_2CH(CH_3)_2$	CH_3	H	F	F	OH
XXIII-2-5	Et	H	H	CH_2Ph	CH_3	H	F	F	OH
XXIII-2-6	Et	H	H	CH_2-indol-3-yl	CH_3	H	F	F	OH
XXIII-2-7	Et	H	H	$CH_2CH_2SCH_3$	CH_3	H	F	F	OH
XXIII-2-8	Et	*	H	*	CH_3	H	F	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXIII-3.

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№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXIII-3-1	^{i}Pr	H	H	H	CH_3	H	F	F	OH
XXIII-3-2	^{i}Pr	H	H	CH_3	CH_3	H	F	F	OH
XXIII-3-3	^{i}Pr	H	H	$CH(CH_3)_2$	CH_3	H	F	F	OH
XXIII-3-4	^{i}Pr	H	H	$CH_2CH(CH_3)_2$	CH_3	H	F	F	OH
XXIII-3-5	^{i}Pr	H	H	CH_2Ph	CH_3	H	F	F	OH
XXIII-3-6	^{i}Pr	H	H	CH_2-indol-3-yl	CH_3	H	F	F	OH
XXIII-3-7	^{i}Pr	H	H	$CH_2CH_2SCH_3$	CH_3	H	F	F	OH
XXIII-3-8	^{i}Pr	*	H	*	CH_3	H	F	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXIII-4.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXIII-4-1	^{t}Bu	H	H	H	CH_3	H	F	F	OH
XXIII-4-2	^{t}Bu	H	H	CH_3	CH_3	H	F	F	OH
XXIII-4-3	^{t}Bu	H	H	$CH(CH_3)_2$	CH_3	H	F	F	OH
XXIII-4-4	^{t}Bu	H	H	$CH_2CH(CH_3)_2$	CH_3	H	F	F	OH
XXIII-4-5	^{t}Bu	H	H	CH_2Ph	CH_3	H	F	F	OH
XXIII-4-6	^{t}Bu	H	H	CH_2-indol-3-yl	CH_3	H	F	F	OH
XXIII-4-7	^{t}Bu	H	H	$CH_2CH_2SCH_3$	CH_3	H	F	F	OH
XXIII-4-8	^{t}Bu	*	H	*	CH_3	H	F	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXIII-5.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXIII-5-1	Ph	H	H	H	CH_3	H	F	F	OH
XXIII-5-2	Ph	H	H	CH_3	CH_3	H	F	F	OH
XXIII-5-3	Ph	H	H	$CH(CH_3)_2$	CH_3	H	F	F	OH
XXIII-5-4	Ph	H	H	$CH_2CH(CH_3)_2$	CH_3	H	F	F	OH
XXIII-5-5	Ph	H	H	CH_2Ph	CH_3	H	F	F	OH
XXIII-5-6	Ph	H	H	CH_2-indol-3-yl	CH_3	H	F	F	OH
XXIII-5-7	Ph	H	H	$CH_2CH_2SCH_3$	CH_3	H	F	F	OH
XXIII-5-8	Ph	*	H	*	CH_3	H	F	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XXIII-6.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXIII-6-1	p-Me-Ph	H	H	H	CH_3	H	F	F	OH
XXIII-6-2	p-Me-Ph	H	H	CH_3	CH_3	H	F	F	OH
XXIII-6-3	p-Me-Ph	H	H	$CH(CH_3)_2$	CH_3	H	F	F	OH
XXIII-6-4	p-Me-Ph	H	H	$CH_2CH(CH_3)_2$	CH_3	H	F	F	OH
XXIII-6-5	p-Me-Ph	H	H	CH_2Ph	CH_3	H	F	F	OH
XXIII-6-6	p-Me-Ph	H	H	CH_2-indol-3-yl	CH_3	H	F	F	OH
XXIII-6-7	p-Me-Ph	H	H	$CH_2CH_2SCH_3$	CH_3	H	F	F	OH
XXIII-6-8	p-Me-Ph	*	H	*	CH_3	H	F	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXIII-7.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXIII-7-1	p-F-Ph	H	H	H	CH_3	H	F	F	OH
XXIII-7-2	p-F-Ph	H	H	CH_3	CH_3	H	F	F	OH
XXIII-7-3	p-F-Ph	H	H	$CH(CH_3)_2$	CH_3	H	F	F	OH
XXIII-7-4	p-F-Ph	H	H	$CH_2CH(CH_3)_2$	CH_3	H	F	F	OH
XXIII-7-6	p-F-Ph	H	H	CH_2Ph	CH_3	H	F	F	OH
XXIII-7-7	p-F-Ph	H	H	CH_2-indol-3-yl	CH_3	H	F	F	OH
XXIII-7-8	p-F-Ph	H	H	$CH_2CH_2SCH_3$	CH_3	H	F	F	OH
XXIII-7-20	p-F-Ph	*	H	*	CH_3	H	F	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXIII-8.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXIII-8-1	p-Cl-Ph	H	H	H	CH_3	H	F	F	OH
XXIII-8-2	p-Cl-Ph	H	H	CH_3	CH_3	H	F	F	OH
XXIII-8-3	p-Cl-Ph	H	H	$CH(CH_3)_2$	CH_3	H	F	F	OH
XXIII-8-4	p-Cl-Ph	H	H	$CH_2CH(CH_3)_2$	CH_3	H	F	F	OH
XXIII-8-5	p-Cl-Ph	H	H	CH_2Ph	CH_3	H	F	F	OH
XXIII-8-6	p-Cl-Ph	H	H	CH_2-indol-3-yl	CH_3	H	F	F	OH
XXIII-8-7	p-Cl-Ph	H	H	$CH_2CH_2SCH_3$	CH_3	H	F	F	OH
XXIII-8-8	p-Cl-Ph	*	H	*	CH_3	H	F	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XXIII-9.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXIII-9-1	p-Br-Ph	H	H	H	CH_3	H	F	F	OH
XXIII-9-2	p-Br-Ph	H	H	CH_3	CH_3	H	F	F	OH
XXIII-9-3	p-Br-Ph	H	H	$CH(CH_3)_2$	CH_3	H	F	F	OH
XXIII-9-4	p-Br-Ph	H	H	$CH_2CH(CH_3)_2$	CH_3	H	F	F	OH
XXIII-9-6	p-Br-Ph	H	H	CH_2Ph	CH_3	H	F	F	OH
XXIII-9-7	p-Br-Ph	H	H	CH_2-indol-3-yl	CH_3	H	F	F	OH
XXIII-9-8	p-Br-Ph	H	H	$CH_2CH_2SCH_3$	CH_3	H	F	F	OH
XXIII-9-20	p-Br-Ph	*	H	*	CH_3	H	F	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXIII-10.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXIII-10-1	p-I-Ph	H	H	H	CH_3	H	F	F	OH
XXIII-10-2	p-I-Ph	H	H	CH_3	CH_3	H	F	F	OH
XXIII-10-3	p-I-Ph	H	H	$CH(CH_3)_2$	CH_3	H	F	F	OH
XXIII-10-4	p-I-Ph	H	H	$CH_2CH(CH_3)_2$	CH_3	H	F	F	OH
XXIII-10-5	p-I-Ph	H	H	CH_2Ph	CH_3	H	F	F	OH
XXIII-10-6	p-I-Ph	H	H	CH_2-indol-3-yl	CH_3	H	F	F	OH
XXIII-10-7	p-I-Ph	H	H	$CH_2CH_2SCH_3$	CH_3	H	F	F	OH
XXIII-10-8	p-I-Ph	*	H	*	CH_3	H	F	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXIII-11.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXIII-11-1	CH_3	H	H	H	Et	H	F	F	OH
XXIII-11-2	CH_3	H	H	CH_3	Et	H	F	F	OH
XXIII-11-3	CH_3	H	H	$CH(CH_3)_2$	Et	H	F	F	OH
XXIII-11-4	CH_3	H	H	$CH_2CH(CH_3)_2$	Et	H	F	F	OH
XXIII-11-5	CH_3	H	H	CH_2Ph	Et	H	F	F	OH
XXIII-11-6	CH_3	H	H	CH_2-indol-3-yl	Et	H	F	F	OH
XXIII-11-7	CH_3	H	H	$CH_2CH_2SCH_3$	Et	H	F	F	OH
XXIII-11-8	CH_3	*	H	*	Et	H	F	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XXIII-12.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXIII-12-1	Et	H	H	H	Et	H	F	F	OH
XXIII-12-2	Et	H	H	CH_3	Et	H	F	F	OH
XXIII-12-3	Et	H	H	$CH(CH_3)_2$	Et	H	F	F	OH
XXIII-12-4	Et	H	H	$CH_2CH(CH_3)_2$	Et	H	F	F	OH
XXIII-12-5	Et	H	H	CH_2Ph	Et	H	F	F	OH
XXIII-12-6	Et	H	H	CH_2-indol-3-yl	Et	H	F	F	OH
XXIII-12-7	Et	H	H	$CH_2CH_2SCH_3$	Et	H	F	F	OH
XXIII-12-8	Et	*	H	*	Et	H	F	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXIII-13.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXIII-13-1	^{i}Pr	H	H	H	Et	H	F	F	OH
XXIII-13-2	^{i}Pr	H	H	CH_3	Et	H	F	F	OH
XXIII-13-3	^{i}Pr	H	H	$CH(CH_3)_2$	Et	H	F	F	OH
XXIII-13-4	^{i}Pr	H	H	$CH_2CH(CH_3)_2$	Et	H	F	F	OH
XXIII-13-5	^{i}Pr	H	H	CH_2Ph	Et	H	F	F	OH
XXIII-13-6	^{i}Pr	H	H	CH_2-indol-3-yl	Et	H	F	F	OH
XXIII-13-7	^{i}Pr	H	H	$CH_2CH_2SCH_3$	Et	H	F	F	OH
XXIII-13-8	^{i}Pr	*	H	*	Et	H	F	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXIII-14.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXIII-14-1	^{t}Bu	H	H	H	Et	H	F	F	OH
XXIII-14-2	^{t}Bu	H	H	CH_3	Et	H	F	F	OH
XXIII-14-3	^{t}Bu	H	H	$CH(CH_3)_2$	Et	H	F	F	OH
XXIII-14-4	^{t}Bu	H	H	$CH_2CH(CH_3)_2$	Et	H	F	F	OH
XXIII-14-5	^{t}Bu	H	H	CH_2Ph	Et	H	F	F	OH
XXIII-14-6	^{t}Bu	H	H	CH_2-indol-3-yl	Et	H	F	F	OH
XXIII-14-7	^{t}Bu	H	H	$CH_2CH_2SCH_3$	Et	H	F	F	OH
XXIII-14-8	^{t}Bu	*	H	*	Et	H	F	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XXIII-15.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXIII-15-1	Ph	H	H	H	Et	H	F	F	OH
XXIII-15-2	Ph	H	H	CH_3	Et	H	F	F	OH
XXIII-15-3	Ph	H	H	$CH(CH_3)_2$	Et	H	F	F	OH
XXIII-15-4	Ph	H	H	$CH_2CH(CH_3)_2$	Et	H	F	F	OH
XXIII-15-5	Ph	H	H	CH_2Ph	Et	H	F	F	OH
XXIII-15-6	Ph	H	H	CH_2-indol-3-yl	Et	H	F	F	OH
XXIII-15-7	Ph	H	H	$CH_2CH_2SCH_3$	Et	H	F	F	OH
XXIII-15-8	Ph	*	H	*	Et	H	F	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXIII-16.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXIII-16-1	p-Me-Ph	H	H	H	Et	H	F	F	OH
XXIII-16-2	p-Me-Ph	H	H	CH_3	Et	H	F	F	OH
XXIII-16-3	p-Me-Ph	H	H	$CH(CH_3)_2$	Et	H	F	F	OH
XXIII-16-4	p-Me-Ph	H	H	$CH_2CH(CH_3)_2$	Et	H	F	F	OH
XXIII-16-5	p-Me-Ph	H	H	CH_2Ph	Et	H	F	F	OH
XXIII-16-6	p-Me-Ph	H	H	CH_2-indol-3-yl	Et	H	F	F	OH
XXIII-16-7	p-Me-Ph	H	H	$CH_2CH_2SCH_3$	Et	H	F	F	OH
XXIII-16-8	p-Me-Ph	*	H	*	Et	H	F	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXIII-17.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXIII-17-1	p-F-Ph	H	H	H	Et	H	F	F	OH
XXIII-17-2	p-F-Ph	H	H	CH_3	Et	H	F	F	OH
XXIII-17-3	p-F-Ph	H	H	$CH(CH_3)_2$	Et	H	F	F	OH
XXIII-17-4	p-F-Ph	H	H	$CH_2CH(CH_3)_2$	Et	H	F	F	OH
XXIII-17-5	p-F-Ph	H	H	CH_2Ph	Et	H	F	F	OH
XXIII-17-6	p-F-Ph	H	H	CH_2-indol-3-yl	Et	H	F	F	OH
XXIII-17-7	p-F-Ph	H	H	$CH_2CH_2SCH_3$	Et	H	F	F	OH
XXIII-17-8	p-F-Ph	*	H	*	Et	H	F	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XXIII-18.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXIII-18-1	p-Cl-Ph	H	H	H	Et	H	F	F	OH
XXIII-18-2	p-Cl-Ph	H	H	CH_3	Et	H	F	F	OH
XXIII-18-3	p-Cl-Ph	H	H	$CH(CH_3)_2$	Et	H	F	F	OH
XXIII-18-4	p-Cl-Ph	H	H	$CH_2CH(CH_3)_2$	Et	H	F	F	OH
XXIII-18-5	p-Cl-Ph	H	H	CH_2Ph	Et	H	F	F	OH
XXIII-18-6	p-Cl-Ph	H	H	CH_2-indol-3-yl	Et	H	F	F	OH
XXIII-18-7	p-Cl-Ph	H	H	$CH_2CH_2SCH_3$	Et	H	F	F	OH
XXIII-18-8	p-Cl-Ph	*	H	*	Et	H	F	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXIII-19.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXIII-19-1	p-Br-Ph	H	H	H	Et	H	F	F	OH
XXIII-19-2	p-Br-Ph	H	H	CH_3	Et	H	F	F	OH
XXIII-19-3	p-Br-Ph	H	H	$CH(CH_3)_2$	Et	H	F	F	OH
XXIII-19-4	p-Br-Ph	H	H	$CH_2CH(CH_3)_2$	Et	H	F	F	OH
XXIII-19-5	p-Br-Ph	H	H	CH_2Ph	Et	H	F	F	OH
XXIII-19-6	p-Br-Ph	H	H	CH_2-indol-3-yl	Et	H	F	F	OH
XXIII-19-7	p-Br-Ph	H	H	$CH_2CH_2SCH_3$	Et	H	F	F	OH
XXIII-19-8	p-Br-Ph	*	H	*	Et	H	F	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXIII-20.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXIII-20-1	p-I-Ph	H	H	H	Et	H	F	F	OH
XXIII-20-2	p-I-Ph	H	H	CH_3	Et	H	F	F	OH
XXIII-20-3	p-I-Ph	H	H	$CH(CH_3)_2$	Et	H	F	F	OH
XXIII-20-4	p-I-Ph	H	H	$CH_2CH(CH_3)_2$	Et	H	F	F	OH
XXIII-20-5	p-I-Ph	H	H	CH_2Ph	Et	H	F	F	OH
XXIII-20-6	p-I-Ph	H	H	CH_2-indol-3-yl	Et	H	F	F	OH
XXIII-20-7	p-I-Ph	H	H	$CH_2CH_2SCH_3$	Et	H	F	F	OH
XXIII-20-8	p-I-Ph	*	H	*	Et	H	F	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XXIII-21.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXIII-21-1	CH_3	H	H	H	^{i}Pr	H	F	F	OH
XXIII-21-2	CH_3	H	H	CH_3	^{i}Pr	H	F	F	OH
XXIII-21-3	CH_3	H	H	$CH(CH_3)_2$	^{i}Pr	H	F	F	OH
XXIII-21-4	CH_3	H	H	$CH_2CH(CH_3)_2$	^{i}Pr	H	F	F	OH
XXIII-21-5	CH_3	H	H	CH_2Ph	^{i}Pr	H	F	F	OH
XXIII-21-6	CH_3	H	H	CH_2-indol-3-yl	^{i}Pr	H	F	F	OH
XXIII-21-7	CH_3	H	H	$CH_2CH_2SCH_3$	^{i}Pr	H	F	F	OH
XXIII-21-8	CH_3	*	H	*	^{i}Pr	H	F	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXIII-22.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXIII-22-1	Et	H	H	H	^{i}Pr	H	F	F	OH
XXIII-22-2	Et	H	H	CH_3	^{i}Pr	H	F	F	OH
XXIII-22-3	Et	H	H	$CH(CH_3)_2$	^{i}Pr	H	F	F	OH
XXIII-22-4	Et	H	H	$CH_2CH(CH_3)_2$	^{i}Pr	H	F	F	OH
XXIII-22-5	Et	H	H	CH_2Ph	^{i}Pr	H	F	F	OH
XXIII-22-6	Et	H	H	CH_2-indol-3-yl	^{i}Pr	H	F	F	OH
XXIII-22-7	Et	H	H	$CH_2CH_2SCH_3$	^{i}Pr	H	F	F	OH
XXIII-22-8	Et	*	H	*	^{i}Pr	H	F	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXIII-23.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXIII-23-1	^{i}Pr	H	H	H	^{i}Pr	H	F	F	OH
XXIII-23-2	^{i}Pr	H	H	CH_3	^{i}Pr	H	F	F	OH
XXIII-23-3	^{i}Pr	H	H	$CH(CH_3)_2$	^{i}Pr	H	F	F	OH
XXIII-23-4	^{i}Pr	H	H	$CH_2CH(CH_3)_2$	^{i}Pr	H	F	F	OH
XXIII-23-5	^{i}Pr	H	H	CH_2Ph	^{i}Pr	H	F	F	OH
XXIII-23-6	^{i}Pr	H	H	CH_2-indol-3-yl	^{i}Pr	H	F	F	OH
XXIII-23-7	^{i}Pr	H	H	$CH_2CH_2SCH_3$	^{i}Pr	H	F	F	OH
XXIII-23-8	^{i}Pr	*	H	*	^{i}Pr	H	F	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XXIII-24.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXIII-24-1	^{t}Bu	H	H	H	^{i}Pr	H	F	F	OH
XXIII-24-2	^{t}Bu	H	H	CH_3	^{i}Pr	H	F	F	OH
XXIII-24-3	^{t}Bu	H	H	$CH(CH_3)_2$	^{i}Pr	H	F	F	OH
XXIII-24-4	^{t}Bu	H	H	$CH_2CH(CH_3)_2$	^{i}Pr	H	F	F	OH
XXIII-24-5	^{t}Bu	H	H	CH_2Ph	^{i}Pr	H	F	F	OH
XXIII-24-6	^{t}Bu	H	H	CH_2-indol-3-yl	^{i}Pr	H	F	F	OH
XXIII-24-7	^{t}Bu	H	H	$CH_2CH_2SCH_3$	^{i}Pr	H	F	F	OH
XXIII-24-8	^{t}Bu	*	H	*	^{i}Pr	H	F	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXIII-25.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXIII-25-1	Ph	H	H	H	^{i}Pr	H	F	F	OH
XXIII-25-2	Ph	H	H	CH_3	^{i}Pr	H	F	F	OH
XXIII-25-3	Ph	H	H	$CH(CH_3)_2$	^{i}Pr	H	F	F	OH
XXIII-25-4	Ph	H	H	$CH_2CH(CH_3)_2$	^{i}Pr	H	F	F	OH
XXIII-25-5	Ph	H	H	CH_2Ph	^{i}Pr	H	F	F	OH
XXIII-25-6	Ph	H	H	CH_2-indol-3-yl	^{i}Pr	H	F	F	OH
XXIII-25-7	Ph	H	H	$CH_2CH_2SCH_3$	^{i}Pr	H	F	F	OH
XXIII-25-8	Ph	*	H	*	^{i}Pr	H	F	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXIII-26.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXIII-26-1	p-Me-Ph	H	H	H	^{i}Pr	H	F	F	OH
XXIII-26-2	p-Me-Ph	H	H	CH_3	^{i}Pr	H	F	F	OH
XXIII-26-3	p-Me-Ph	H	H	$CH(CH_3)_2$	^{i}Pr	H	F	F	OH
XXIII-26-4	p-Me-Ph	H	H	$CH_2CH(CH_3)_2$	^{i}Pr	H	F	F	OH
XXIII-26-5	p-Me-Ph	H	H	CH_2Ph	^{i}Pr	H	F	F	OH
XXIII-26-6	p-Me-Ph	H	H	CH_2-indol-3-yl	^{i}Pr	H	F	F	OH
XXIII-26-7	p-Me-Ph	H	H	$CH_2CH_2SCH_3$	^{i}Pr	H	F	F	OH
XXIII-26-8	p-Me-Ph	*	H	*	^{i}Pr	H	F	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XXIII-27.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXIII-27-1	p-F-Ph	H	H	H	^{i}Pr	H	F	F	OH
XXIII-27-2	p-F-Ph	H	H	CH_3	^{i}Pr	H	F	F	OH
XXIII-27-3	p-F-Ph	H	H	$CH(CH_3)_2$	^{i}Pr	H	F	F	OH
XXIII-27-4	p-F-Ph	H	H	$CH_2CH(CH_3)_2$	^{i}Pr	H	F	F	OH
XXIII-27-5	p-F-Ph	H	H	CH_2Ph	^{i}Pr	H	F	F	OH
XXIII-27-6	p-F-Ph	H	H	CH_2-indol-3-yl	^{i}Pr	H	F	F	OH
XXIII-27-7	p-F-Ph	H	H	$CH_2CH_2SCH_3$	^{i}Pr	H	F	F	OH
XXIII-27-8	p-F-Ph	*	H	*	^{i}Pr	H	F	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXIII-28.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXIII-28-1	p-Cl-Ph	H	H	H	^{i}Pr	H	F	F	OH
XXIII-28-2	p-Cl-Ph	H	H	CH_3	^{i}Pr	H	F	F	OH
XXIII-28-3	p-Cl-Ph	H	H	$CH(CH_3)_2$	^{i}Pr	H	F	F	OH
XXIII-28-4	p-Cl-Ph	H	H	$CH_2CH(CH_3)_2$	^{i}Pr	H	F	F	OH
XXIII-28-5	p-Cl-Ph	H	H	CH_2Ph	^{i}Pr	H	F	F	OH
XXIII-28-6	p-Cl-Ph	H	H	CH_2-indol-3-yl	^{i}Pr	H	F	F	OH
XXIII-28-7	p-Cl-Ph	H	H	$CH_2CH_2SCH_3$	^{i}Pr	H	F	F	OH
XXIII-28-8	p-Cl-Ph	*	H	*	^{i}Pr	H	F	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXIII-29.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXIII-29-1	p-Br-Ph	H	H	H	^{i}Pr	H	F	F	OH
XXIII-29-2	p-Br-Ph	H	H	CH_3	^{i}Pr	H	F	F	OH
XXIII-29-3	p-Br-Ph	H	H	$CH(CH_3)_2$	^{i}Pr	H	F	F	OH
XXIII-29-4	p-Br-Ph	H	H	$CH_2CH(CH_3)_2$	^{i}Pr	H	F	F	OH
XXIII-29-5	p-Br-Ph	H	H	CH_2Ph	^{i}Pr	H	F	F	OH
XXIII-29-6	p-Br-Ph	H	H	CH_2-indol-3-yl	^{i}Pr	H	F	F	OH
XXIII-29-7	p-Br-Ph	H	H	$CH_2CH_2SCH_3$	^{i}Pr	H	F	F	OH
XXIII-29-8	p-Br-Ph	*	H	*	^{i}Pr	H	F	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XXIII-30.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXIII-30-1	p-I-Ph	H	H	H	^{i}Pr	H	F	F	OH
XXIII-30-2	p-I-Ph	H	H	CH_3	^{i}Pr	H	F	F	OH
XXIII-30-3	p-I-Ph	H	H	$CH(CH_3)_2$	^{i}Pr	H	F	F	OH
XXIII-30-4	p-I-Ph	H	H	$CH_2CH(CH_3)_2$	^{i}Pr	H	F	F	OH
XXIII-30-5	p-I-Ph	H	H	CH_2Ph	^{i}Pr	H	F	F	OH
XXIII-30-6	p-I-Ph	H	H	CH_2-indol-3-yl	^{i}Pr	H	F	F	OH
XXIII-30-7	p-I-Ph	H	H	$CH_2CH_2SCH_3$	^{i}Pr	H	F	F	OH
XXIII-30-8	p-I-Ph	*	H	*	^{i}Pr	H	F	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXIII-31.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXIII-31-1	CH_3	H	H	H	^{n}Bu	H	F	F	OH
XXIII-31-2	CH_3	H	H	CH_3	^{n}Bu	H	F	F	OH
XXIII-31-3	CH_3	H	H	$CH(CH_3)_2$	^{n}Bu	H	F	F	OH
XXIII-31-4	CH_3	H	H	$CH_2CH(CH_3)_2$	^{n}Bu	H	F	F	OH
XXIII-31-5	CH_3	H	H	CH_2Ph	^{n}Bu	H	F	F	OH
XXIII-31-6	CH_3	H	H	CH_2-indol-3-yl	^{n}Bu	H	F	F	OH
XXIII-31-7	CH_3	H	H	$CH_2CH_2SCH_3$	^{n}Bu	H	F	F	OH
XXIII-31-8	CH_3	*	H	*	^{n}Bu	H	F	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXIII-32.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXIII-32-1	Et	H	H	H	^{n}Bu	H	F	F	OH
XXIII-32-2	Et	H	H	CH_3	^{n}Bu	H	F	F	OH
XXIII-32-3	Et	H	H	$CH(CH_3)_2$	^{n}Bu	H	F	F	OH
XXIII-32-4	Et	H	H	$CH_2CH(CH_3)_2$	^{n}Bu	H	F	F	OH
XXIII-32-5	Et	H	H	CH_2Ph	^{n}Bu	H	F	F	OH
XXIII-32-6	Et	H	H	CH_2-indol-3-yl	^{n}Bu	H	F	F	OH
XXIII-32-7	Et	H	H	$CH_2CH_2SCH_3$	^{n}Bu	H	F	F	OH
XXIII-32-8	Et	*	H	*	^{n}Bu	H	F	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XXIII-33.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXIII-33-1	^{i}Pr	H	H	H	^{n}Bu	H	F	F	OH
XXIII-33-2	^{i}Pr	H	H	CH_3	^{n}Bu	H	F	F	OH
XXIII-33-3	^{i}Pr	H	H	$CH(CH_3)_2$	^{n}Bu	H	F	F	OH
XXIII-33-4	^{i}Pr	H	H	$CH_2CH(CH_3)_2$	^{n}Bu	H	F	F	OH
XXIII-33-5	^{i}Pr	H	H	CH_2Ph	^{n}Bu	H	F	F	OH
XXIII-33-6	^{i}Pr	H	H	CH_2-indol-3-yl	^{n}Bu	H	F	F	OH
XXIII-33-7	^{i}Pr	H	H	$CH_2CH_2SCH_3$	^{n}Bu	H	F	F	OH
XXIII-33-8	^{i}Pr	*	H	*	^{n}Bu	H	F	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXIII-34.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXIII-34-1	^{t}Bu	H	H	H	^{n}Bu	H	F	F	OH
XXIII-34-2	^{t}Bu	H	H	CH_3	^{n}Bu	H	F	F	OH
XXIII-34-3	^{t}Bu	H	H	$CH(CH_3)_2$	^{n}Bu	H	F	F	OH
XXIII-34-4	^{t}Bu	H	H	$CH_2CH(CH_3)_2$	^{n}Bu	H	F	F	OH
XXIII-34-5	^{t}Bu	H	H	CH_2Ph	^{n}Bu	H	F	F	OH
XXIII-34-6	^{t}Bu	H	H	CH_2-indol-3-yl	^{n}Bu	H	F	F	OH
XXIII-34-7	^{t}Bu	H	H	$CH_2CH_2SCH_3$	^{n}Bu	H	F	F	OH
XXIII-34-8	^{t}Bu	*	H	*	^{n}Bu	H	F	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXIII-35.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXIII-35-1	Ph	H	H	H	^{n}Bu	H	F	F	OH
XXIII-35-2	Ph	H	H	CH_3	^{n}Bu	H	F	F	OH
XXIII-35-3	Ph	H	H	$CH(CH_3)_2$	^{n}Bu	H	F	F	OH
XXIII-35-4	Ph	H	H	$CH_2CH(CH_3)_2$	^{n}Bu	H	F	F	OH
XXIII-35-5	Ph	H	H	CH_2Ph	^{n}Bu	H	F	F	OH
XXIII-35-6	Ph	H	H	CH_2-indol-3-yl	^{n}Bu	H	F	F	OH
XXIII-35-7	Ph	H	H	$CH_2CH_2SCH_3$	^{n}Bu	H	F	F	OH
XXIII-35-8	Ph	*	H	*	^{n}Bu	H	F	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XXIII-36.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXIII-36-1	p-Me-Ph	H	H	H	^{n}Bu	H	F	F	OH
XXIII-36-2	p-Me-Ph	H	H	CH_3	^{n}Bu	H	F	F	OH
XXIII-36-3	p-Me-Ph	H	H	$CH(CH_3)_2$	^{n}Bu	H	F	F	OH
XXIII-36-4	p-Me-Ph	H	H	$CH_2CH(CH_3)_2$	^{n}Bu	H	F	F	OH
XXIII-36-5	p-Me-Ph	H	H	CH_2Ph	^{n}Bu	H	F	F	OH
XXIII-36-6	p-Me-Ph	H	H	CH_2-indol-3-yl	^{n}Bu	H	F	F	OH
XXIII-36-7	p-Me-Ph	H	H	$CH_2CH_2SCH_3$	^{n}Bu	H	F	F	OH
XXIII-36-8	p-Me-Ph	*	H	*	^{n}Bu	H	F	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXIII-37.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXIII-37-1	p-F-Ph	H	H	H	^{n}Bu	H	F	F	OH
XXIII-37-2	p-F-Ph	H	H	CH_3	^{n}Bu	H	F	F	OH
XXIII-37-3	p-F-Ph	H	H	$CH(CH_3)_2$	^{n}Bu	H	F	F	OH
XXIII-37-4	p-F-Ph	H	H	$CH_2CH(CH_3)_2$	^{n}Bu	H	F	F	OH
XXIII-37-5	p-F-Ph	H	H	CH_2Ph	^{n}Bu	H	F	F	OH
XXIII-37-6	p-F-Ph	H	H	CH_2-indol-3-yl	^{n}Bu	H	F	F	OH
XXIII-37-7	p-F-Ph	H	H	$CH_2CH_2SCH_3$	^{n}Bu	H	F	F	OH
XXIII-37-8	p-F-Ph	*	H	*	^{n}Bu	H	F	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXIII-38.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXIII-38-1	p-Cl-Ph	H	H	H	^{n}Bu	H	F	F	OH
XXIII-38-2	p-Cl-Ph	H	H	CH_3	^{n}Bu	H	F	F	OH
XXIII-38-3	p-Cl-Ph	H	H	$CH(CH_3)_2$	^{n}Bu	H	F	F	OH
XXIII-38-4	p-Cl-Ph	H	H	$CH_2CH(CH_3)_2$	^{n}Bu	H	F	F	OH
XXIII-38-5	p-Cl-Ph	H	H	CH_2Ph	^{n}Bu	H	F	F	OH
XXIII-38-6	p-Cl-Ph	H	H	CH_2-indol-3-yl	^{n}Bu	H	F	F	OH
XXIII-38-7	p-Cl-Ph	H	H	$CH_2CH_2SCH_3$	^{n}Bu	H	F	F	OH
XXIII-38-8	p-Cl-Ph	*	H	*	^{n}Bu	H	F	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XXIII-39.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXIII-39-1	p-Br-Ph	H	H	H	^{n}Bu	H	F	F	OH
XXIII-39-2	p-Br-Ph	H	H	CH_3	^{n}Bu	H	F	F	OH
XXIII-39-3	p-Br-Ph	H	H	$CH(CH_3)_2$	^{n}Bu	H	F	F	OH
XXIII-39-4	p-Br-Ph	H	H	$CH_2CH(CH_3)_2$	^{n}Bu	H	F	F	OH
XXIII-39-5	p-Br-Ph	H	H	CH_2Ph	^{n}Bu	H	F	F	OH
XXIII-39-6	p-Br-Ph	H	H	CH_2-indol-3-yl	^{n}Bu	H	F	F	OH
XXIII-39-7	p-Br-Ph	H	H	$CH_2CH_2SCH_3$	^{n}Bu	H	F	F	OH
XXIII-39-8	p-Br-Ph	*	H	*	^{n}Bu	H	F	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXIII-40.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXIII-40-1	p-I-Ph	H	H	H	^{n}Bu	H	F	F	OH
XXIII-40-2	p-I-Ph	H	H	CH_3	^{n}Bu	H	F	F	OH
XXIII-40-3	p-I-Ph	H	H	$CH(CH_3)_2$	^{n}Bu	H	F	F	OH
XXIII-40-4	p-I-Ph	H	H	$CH_2CH(CH_3)_2$	^{n}Bu	H	F	F	OH
XXIII-40-5	p-I-Ph	H	H	CH_2Ph	^{n}Bu	H	F	F	OH
XXIII-40-6	p-I-Ph	H	H	CH_2-indol-3-yl	^{n}Bu	H	F	F	OH
XXIII-40-7	p-I-Ph	H	H	$CH_2CH_2SCH_3$	^{n}Bu	H	F	F	OH
XXIII-40-8	p-I-Ph	*	H	*	^{n}Bu	H	F	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXIII-41.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXIII-41-1	CH_3	H	H	H	Bz	H	F	F	OH
XXIII-41-2	CH_3	H	H	CH_3	Bz	H	F	F	OH
XXIII-41-3	CH_3	H	H	$CH(CH_3)_2$	Bz	H	F	F	OH
XXIII-41-4	CH_3	H	H	$CH_2CH(CH_3)_2$	Bz	H	F	F	OH
XXIII-41-5	CH_3	H	H	CH_2Ph	Bz	H	F	F	OH
XXIII-41-6	CH_3	H	H	CH_2-indol-3-yl	Bz	H	F	F	OH
XXIII-41-7	CH_3	H	H	$CH_2CH_2SCH_3$	Bz	H	F	F	OH
XXIII-41-8	CH_3	*	H	*	Bz	H	F	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XXIII-42.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXIII-42-1	Et	H	H	H	Bz	H	F	F	OH
XXIII-42-2	Et	H	H	CH_3	Bz	H	F	F	OH
XXIII-42-3	Et	H	H	$CH(CH_3)_2$	Bz	H	F	F	OH
XXIII-42-4	Et	H	H	$CH_2CH(CH_3)_2$	Bz	H	F	F	OH
XXIII-42-5	Et	H	H	CH_2Ph	Bz	H	F	F	OH
XXIII-42-6	Et	H	H	CH_2-indol-3-yl	Bz	H	F	F	OH
XXIII-42-7	Et	H	H	$CH_2CH_2SCH_3$	Bz	H	F	F	OH
XXIII-42-8	Et	*	H	*	Bz	H	F	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXIII-43.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXIII-43-1	^{i}Pr	H	H	H	Bz	H	F	F	OH
XXIII-43-2	^{i}Pr	H	H	CH_3	Bz	H	F	F	OH
XXIII-43-3	^{i}Pr	H	H	$CH(CH_3)_2$	Bz	H	F	F	OH
XXIII-43-4	^{i}Pr	H	H	$CH_2CH(CH_3)_2$	Bz	H	F	F	OH
XXIII-43-5	^{i}Pr	H	H	CH_2Ph	Bz	H	F	F	OH
XXIII-43-6	^{i}Pr	H	H	CH_2-indol-3-yl	Bz	H	F	F	OH
XXIII-43-7	^{i}Pr	H	H	$CH_2CH_2SCH_3$	Bz	H	F	F	OH
XXIII-43-8	^{i}Pr	*	H	*	Bz	H	F	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXIII-44.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXIII-44-1	^{t}Bu	H	H	H	Bz	H	F	F	OH
XXIII-44-2	^{t}Bu	H	H	CH_3	Bz	H	F	F	OH
XXIII-44-3	^{t}Bu	H	H	$CH(CH_3)_2$	Bz	H	F	F	OH
XXIII-44-4	^{t}Bu	H	H	$CH_2CH(CH_3)_2$	Bz	H	F	F	OH
XXIII-44-5	^{t}Bu	H	H	CH_2Ph	Bz	H	F	F	OH
XXIII-44-6	^{t}Bu	H	H	CH_2-indol-3-yl	Bz	H	F	F	OH
XXIII-44-7	^{t}Bu	H	H	$CH_2CH_2SCH_3$	Bz	H	F	F	OH
XXIII-44-8	^{t}Bu	*	H	*	Bz	H	F	F	OH

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*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXIII-45.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXIII-45-1	Ph	H	H	H	Bz	H	F	F	OH
XXIII-45-2	Ph	H	H	CH_3	Bz	H	F	F	OH
XXIII-45-3	Ph	H	H	$CH(CH_3)_2$	Bz	H	F	F	OH
XXIII-45-4	Ph	H	H	$CH_2CH(CH_3)_2$	Bz	H	F	F	OH
XXIII-45-5	Ph	H	H	CH_2Ph	Bz	H	F	F	OH
XXIII-45-6	Ph	H	H	CH_2-indol-3-yl	Bz	H	F	F	OH
XXIII-45-7	Ph	H	H	$CH_2CH_2SCH_3$	Bz	H	F	F	OH
XXIII-45-8	Ph	*	H	*	Bz	H	F	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXIII-46.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXIII-46-1	p-Me-Ph	H	H	H	Bz	H	F	F	OH
XXIII-46-2	p-Me-Ph	H	H	CH_3	Bz	H	F	F	OH
XXIII-46-3	p-Me-Ph	H	H	$CH(CH_3)_2$	Bz	H	F	F	OH
XXIII-46-4	p-Me-Ph	H	H	$CH_2CH(CH_3)_2$	Bz	H	F	F	OH
XXIII-46-5	p-Me-Ph	H	H	CH_2Ph	Bz	H	F	F	OH
XXIII-46-6	p-Me-Ph	H	H	CH_2-indol-3-yl	Bz	H	F	F	OH
XXIII-46-7	p-Me-Ph	H	H	$CH_2CH_2SCH_3$	Bz	H	F	F	OH
XXIII-46-8	p-Me-Ph	*	H	*	Bz	H	F	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXIII-47.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXIII-47-1	p-F-Ph	H	H	H	Bz	H	F	F	OH
XXIII-47-2	p-F-Ph	H	H	CH_3	Bz	H	F	F	OH
XXIII-47-3	p-F-Ph	H	H	$CH(CH_3)_2$	Bz	H	F	F	OH
XXIII-47-4	p-F-Ph	H	H	$CH_2CH(CH_3)_2$	Bz	H	F	F	OH
XXIII-47-5	p-F-Ph	H	H	CH_2Ph	Bz	H	F	F	OH
XXIII-47-6	p-F-Ph	H	H	CH_2-indol-3-yl	Bz	H	F	F	OH
XXIII-47-7	p-F-Ph	H	H	$CH_2CH_2SCH_3$	Bz	H	F	F	OH

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№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXIII-47-8	p-F-Ph	*	H	*	Bz	H	F	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXIII-48.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXIII-48-1	p-Cl-Ph	H	H	H	Bz	H	F	F	OH
XXIII-48-2	p-Cl-Ph	H	H	CH_3	Bz	H	F	F	OH
XXIII-48-3	p-Cl-Ph	H	H	$CH(CH_3)_2$	Bz	H	F	F	OH
XXIII-48-4	p-Cl-Ph	H	H	$CH_2CH(CH_3)_2$	Bz	H	F	F	OH
XXIII-48-5	p-Cl-Ph	H	H	CH_2Ph	Bz	H	F	F	OH
XXIII-48-6	p-Cl-Ph	H	H	CH_2-indol-3-yl	Bz	H	F	F	OH
XXIII-48-7	p-Cl-Ph	H	H	$CH_2CH_2SCH_3$	Bz	H	F	F	OH
XXIII-48-8	p-Cl-Ph	*	H	*	Bz	H	F	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXIII-49.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXIII-49-1	p-Br-Ph	H	H	H	Bz	H	F	F	OH
XXIII-49-2	p-Br-Ph	H	H	CH_3	Bz	H	F	F	OH
XXIII-49-3	p-Br-Ph	H	H	$CH(CH_3)_2$	Bz	H	F	F	OH
XXIII-49-4	p-Br-Ph	H	H	$CH_2CH(CH_3)_2$	Bz	H	F	F	OH
XXIII-49-5	p-Br-Ph	H	H	CH_2Ph	Bz	H	F	F	OH
XXIII-49-6	p-Br-Ph	H	H	CH_2-indol-3-yl	Bz	H	F	F	OH
XXIII-49-7	p-Br-Ph	H	H	$CH_2CH_2SCH_3$	Bz	H	F	F	OH
XXIII-49-8	p-Br-Ph	*	H	*	Bz	H	F	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

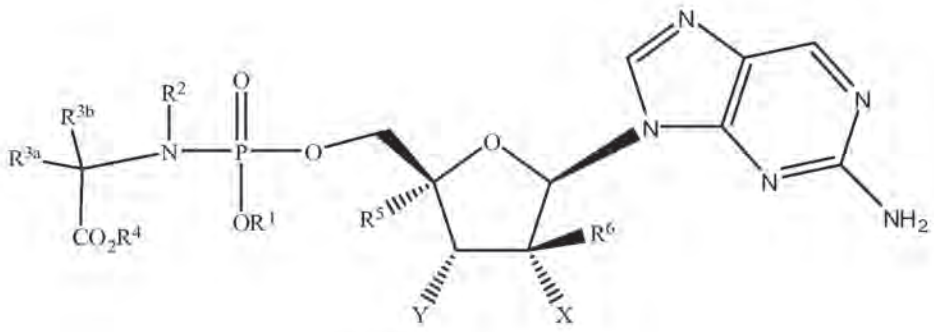
Table XXIII-50.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXIII-50-1	p-I-Ph	H	H	H	Bz	H	F	F	OH
XXIII-50-2	p-I-Ph	H	H	CH_3	Bz	H	F	F	OH
XXIII-50-3	p-I-Ph	H	H	$CH(CH_3)_2$	Bz	H	F	F	OH
XXIII-50-4	p-I-Ph	H	H	$CH_2CH(CH_3)_2$	Bz	H	F	F	OH
XXIII-50-5	p-I-Ph	H	H	CH_2Ph	Bz	H	F	F	OH

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№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXIII-50-6	p-I-Ph	H	H	CH_2-indol-3-yl	Bz	H	F	F	OH
XXIII-50-7	p-I-Ph	H	H	$CH_2CH_2SCH_3$	Bz	H	F	F	OH
XXIII-50-8	p-I-Ph	*	H	*	Bz	H	F	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.



XXIV

Table XXIV-1.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXIV-1-1	CH_3	H	H	H	CH_3	H	H	F	OH
XXIV-1-2	CH_3	H	H	CH_3	CH_3	H	H	F	OH
XXIV-1-3	CH_3	H	H	$CH(CH_3)_2$	CH_3	H	H	F	OH
XXIV-1-4	CH_3	H	H	$CH_2CH(CH_3)_2$	CH_3	H	H	F	OH
XXIV-1-5	CH_3	H	H	CH_2Ph	CH_3	H	H	F	OH
XXIV-1-6	CH_3	H	H	CH_2-indol-3-yl	CH_3	H	H	F	OH
XXIV-1-7	CH_3	H	H	$CH_2CH_2SCH_3$	CH_3	H	H	F	OH
XXIV-1-8	CH_3	*	H	*	CH_3	H	H	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXIV-2.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXIV-2-1	Et	H	H	H	CH_3	H	H	F	OH
XXIV-2-2	Et	H	H	CH_3	CH_3	H	H	F	OH
XXIV-2-3	Et	H	H	$CH(CH_3)_2$	CH_3	H	H	F	OH
XXIV-2-4	Et	H	H	$CH_2CH(CH_3)_2$	CH_3	H	H	F	OH

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№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXIV-2-5	Et	H	H	CH_2Ph	CH_3	H	H	F	OH
XXIV-2-6	Et	H	H	CH_2-indol-3-yl	CH_3	H	H	F	OH
XXIV-2-7	Et	H	H	$CH_2CH_2SCH_3$	CH_3	H	H	F	OH
XXIV-2-8	Et	*	H	*	CH_3	H	H	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXIV-3.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXIV-3-1	^{i}Pr	H	H	H	CH_3	H	H	F	OH
XXIV-3-2	^{i}Pr	H	H	CH_3	CH_3	H	H	F	OH
XXIV-3-3	^{i}Pr	H	H	$CH(CH_3)_2$	CH_3	H	H	F	OH
XXIV-3-4	^{i}Pr	H	H	$CH_2CH(CH_3)_2$	CH_3	H	H	F	OH
XXIV-3-5	^{i}Pr	H	H	CH_2Ph	CH_3	H	H	F	OH
XXIV-3-6	^{i}Pr	H	H	CH_2-indol-3-yl	CH_3	H	H	F	OH
XXIV-3-7	^{i}Pr	H	H	$CH_2CH_2SCH_3$	CH_3	H	H	F	OH
XXIV-3-8	^{i}Pr	*	H	*	CH_3	H	H	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXIV-4.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXIV-4-1	^{t}Bu	H	H	H	CH_3	H	H	F	OH
XXIV-4-2	^{t}Bu	H	H	CH_3	CH_3	H	H	F	OH
XXIV-4-3	^{t}Bu	H	H	$CH(CH_3)_2$	CH_3	H	H	F	OH
XXIV-4-4	^{t}Bu	H	H	$CH_2CH(CH_3)_2$	CH_3	H	H	F	OH
XXIV-4-5	^{t}Bu	H	H	CH_2Ph	CH_3	H	H	F	OH
XXIV-4-6	^{t}Bu	H	H	CH_2-indol-3-yl	CH_3	H	H	F	OH
XXIV-4-7	^{t}Bu	H	H	$CH_2CH_2SCH_3$	CH_3	H	H	F	OH
XXIV-4-8	^{t}Bu	*	H	*	CH_3	H	H	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXIV-5.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXIV-5-1	Ph	H	H	H	CH_3	H	H	F	OH
XXIV-5-2	Ph	H	H	CH_3	CH_3	H	H	F	OH

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№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXIV-5-3	Ph	H	H	$CH(CH_3)_2$	CH_3	H	H	F	OH
XXIV-5-4	Ph	H	H	$CH_2CH(CH_3)_2$	CH_3	H	H	F	OH
XXIV-5-5	Ph	H	H	CH_2Ph	CH_3	H	H	F	OH
XXIV-5-6	Ph	H	H	CH_2-indol-3-yl	CH_3	H	H	F	OH
XXIV-5-7	Ph	H	H	$CH_2CH_2SCH_3$	CH_3	H	H	F	OH
XXIV-5-8	Ph	*	H	*	CH_3	H	H	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXIV-6.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXIV-6-1	p-Me-Ph	H	H	H	CH_3	H	H	F	OH
XXIV-6-2	p-Me-Ph	H	H	CH_3	CH_3	H	H	F	OH
XXIV-6-3	p-Me-Ph	H	H	$CH(CH_3)_2$	CH_3	H	H	F	OH
XXIV-6-4	p-Me-Ph	H	H	$CH_2CH(CH_3)_2$	CH_3	H	H	F	OH
XXIV-6-5	p-Me-Ph	H	H	CH_2Ph	CH_3	H	H	F	OH
XXIV-6-6	p-Me-Ph	H	H	CH_2-indol-3-yl	CH_3	H	H	F	OH
XXIV-6-7	p-Me-Ph	H	H	$CH_2CH_2SCH_3$	CH_3	H	H	F	OH
XXIV-6-8	p-Me-Ph	*	H	*	CH_3	H	H	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXIV-7.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXIV-7-1	p-F-Ph	H	H	H	CH_3	H	H	F	OH
XXIV-7-2	p-F-Ph	H	H	CH_3	CH_3	H	H	F	OH
XXIV-7-3	p-F-Ph	H	H	$CH(CH_3)_2$	CH_3	H	H	F	OH
XXIV-7-4	p-F-Ph	H	H	$CH_2CH(CH_3)_2$	CH_3	H	H	F	OH
XXIV-7-6	p-F-Ph	H	H	CH_2Ph	CH_3	H	H	F	OH
XXIV-7-7	p-F-Ph	H	H	CH_2-indol-3-yl	CH_3	H	H	F	OH
XXIV-7-8	p-F-Ph	H	H	$CH_2CH_2SCH_3$	CH_3	H	H	F	OH
XXIV-7-20	p-F-Ph	*	H	*	CH_3	H	H	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXIV-8.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXIV-8-1	p-Cl-Ph	H	H	H	CH_3	H	H	F	OH
XXIV-8-2	p-Cl-Ph	H	H	CH_3	CH_3	H	H	F	OH
XXIV-8-3	p-Cl-Ph	H	H	$CH(CH_3)_2$	CH_3	H	H	F	OH
XXIV-8-4	p-Cl-Ph	H	H	$CH_2CH(CH_3)_2$	CH_3	H	H	F	OH
XXIV-8-5	p-Cl-Ph	H	H	CH_2Ph	CH_3	H	H	F	OH
XXIV-8-6	p-Cl-Ph	H	H	CH_2-indol-3-yl	CH_3	H	H	F	OH
XXIV-8-7	p-Cl-Ph	H	H	$CH_2CH_2SCH_3$	CH_3	H	H	F	OH
XXIV-8-8	p-Cl-Ph	*	H	*	CH_3	H	H	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXIV-9.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXIV-9-1	p-Br-Ph	H	H	H	CH_3	H	H	F	OH
XXIV-9-2	p-Br-Ph	H	H	CH_3	CH_3	H	H	F	OH
XXIV-9-3	p-Br-Ph	H	H	$CH(CH_3)_2$	CH_3	H	H	F	OH
XXIV-9-4	p-Br-Ph	H	H	$CH_2CH(CH_3)_2$	CH_3	H	H	F	OH
XXIV-9-6	p-Br-Ph	H	H	CH_2Ph	CH_3	H	H	F	OH
XXIV-9-7	p-Br-Ph	H	H	CH_2-indol-3-yl	CH_3	H	H	F	OH
XXIV-9-8	p-Br-Ph	H	H	$CH_2CH_2SCH_3$	CH_3	H	H	F	OH
XXIV-9-20	p-Br-Ph	*	H	*	CH_3	H	H	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXIV-10.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXIV-10-1	p-I-Ph	H	H	H	CH_3	H	H	F	OH
XXIV-10-2	p-I-Ph	H	H	CH_3	CH_3	H	H	F	OH
XXIV-10-3	p-I-Ph	H	H	$CH(CH_3)_2$	CH_3	H	H	F	OH
XXIV-10-4	p-I-Ph	H	H	$CH_2CH(CH_3)_2$	CH_3	H	H	F	OH
XXIV-10-5	p-I-Ph	H	H	CH_2Ph	CH_3	H	H	F	OH
XXIV-10-6	p-I-Ph	H	H	CH_2-indol-3-yl	CH_3	H	H	F	OH
XXIV-10-7	p-I-Ph	H	H	$CH_2CH_2SCH_3$	CH_3	H	H	F	OH
XXIV-10-8	p-I-Ph	*	H	*	CH_3	H	H	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XXIV-11.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXIV-11-1	CH_3	H	H	H	Et	H	H	F	OH
XXIV-11-2	CH_3	H	H	CH_3	Et	H	H	F	OH
XXIV-11-3	CH_3	H	H	$CH(CH_3)_2$	Et	H	H	F	OH
XXIV-11-4	CH_3	H	H	$CH_2CH(CH_3)_2$	Et	H	H	F	OH
XXIV-11-5	CH_3	H	H	CH_2Ph	Et	H	H	F	OH
XXIV-11-6	CH_3	H	H	CH_2-indol-3-yl	Et	H	H	F	OH
XXIV-11-7	CH_3	H	H	$CH_2CH_2SCH_3$	Et	H	H	F	OH
XXIV-11-8	CH_3	*	H	*	Et	H	H	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXIV-12.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXIV-12-1	Et	H	H	H	Et	H	H	F	OH
XXIV-12-2	Et	H	H	CH_3	Et	H	H	F	OH
XXIV-12-3	Et	H	H	$CH(CH_3)_2$	Et	H	H	F	OH
XXIV-12-4	Et	H	H	$CH_2CH(CH_3)_2$	Et	H	H	F	OH
XXIV-12-5	Et	H	H	CH_2Ph	Et	H	H	F	OH
XXIV-12-6	Et	H	H	CH_2-indol-3-yl	Et	H	H	F	OH
XXIV-12-7	Et	H	H	$CH_2CH_2SCH_3$	Et	H	H	F	OH
XXIV-12-8	Et	*	H	*	Et	H	H	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXIV-13.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXIV-13-1	^{i}Pr	H	H	H	Et	H	H	F	OH
XXIV-13-2	^{i}Pr	H	H	CH_3	Et	H	H	F	OH
XXIV-13-3	^{i}Pr	H	H	$CH(CH_3)_2$	Et	H	H	F	OH
XXIV-13-4	^{i}Pr	H	H	$CH_2CH(CH_3)_2$	Et	H	H	F	OH
XXIV-13-5	^{i}Pr	H	H	CH_2Ph	Et	H	H	F	OH
XXIV-13-6	^{i}Pr	H	H	CH_2-indol-3-yl	Et	H	H	F	OH
XXIV-13-7	^{i}Pr	H	H	$CH_2CH_2SCH_3$	Et	H	H	F	OH
XXIV-13-8	^{i}Pr	*	H	*	Et	H	H	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XXIV-14.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXIV-14-1	^{t}Bu	H	H	H	Et	H	H	F	OH
XXIV-14-2	^{t}Bu	H	H	CH_3	Et	H	H	F	OH
XXIV-14-3	^{t}Bu	H	H	$CH(CH_3)_2$	Et	H	H	F	OH
XXIV-14-4	^{t}Bu	H	H	$CH_2CH(CH_3)_2$	Et	H	H	F	OH
XXIV-14-5	^{t}Bu	H	H	CH_2Ph	Et	H	H	F	OH
XXIV-14-6	^{t}Bu	H	H	CH_2-indol-3-yl	Et	H	H	F	OH
XXIV-14-7	^{t}Bu	H	H	$CH_2CH_2SCH_3$	Et	H	H	F	OH
XXIV-14-8	^{t}Bu	*	H	*	Et	H	H	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXIV-15.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXIV-15-1	Ph	H	H	H	Et	H	H	F	OH
XXIV-15-2	Ph	H	H	CH_3	Et	H	H	F	OH
XXIV-15-3	Ph	H	H	$CH(CH_3)_2$	Et	H	H	F	OH
XXIV-15-4	Ph	H	H	$CH_2CH(CH_3)_2$	Et	H	H	F	OH
XXIV-15-5	Ph	H	H	CH_2Ph	Et	H	H	F	OH
XXIV-15-6	Ph	H	H	CH_2-indol-3-yl	Et	H	H	F	OH
XXIV-15-7	Ph	H	H	$CH_2CH_2SCH_3$	Et	H	H	F	OH
XXIV-15-8	Ph	*	H	*	Et	H	H	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXIV-16.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXIV-16-1	p-Me-Ph	H	H	H	Et	H	H	F	OH
XXIV-16-2	p-Me-Ph	H	H	CH_3	Et	H	H	F	OH
XXIV-16-3	p-Me-Ph	H	H	$CH(CH_3)_2$	Et	H	H	F	OH
XXIV-16-4	p-Me-Ph	H	H	$CH_2CH(CH_3)_2$	Et	H	H	F	OH
XXIV-16-5	p-Me-Ph	H	H	CH_2Ph	Et	H	H	F	OH
XXIV-16-6	p-Me-Ph	H	H	CH_2-indol-3-yl	Et	H	H	F	OH
XXIV-16-7	p-Me-Ph	H	H	$CH_2CH_2SCH_3$	Et	H	H	F	OH
XXIV-16-8	p-Me-Ph	*	H	*	Et	H	H	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XXIV-17.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXIV-17-1	p-F-Ph	H	H	H	Et	H	H	F	OH
XXIV-17-2	p-F-Ph	H	H	CH_3	Et	H	H	F	OH
XXIV-17-3	p-F-Ph	H	H	$CH(CH_3)_2$	Et	H	H	F	OH
XXIV-17-4	p-F-Ph	H	H	$CH_2CH(CH_3)_2$	Et	H	H	F	OH
XXIV-17-5	p-F-Ph	H	H	CH_2Ph	Et	H	H	F	OH
XXIV-17-6	p-F-Ph	H	H	CH_2-indol-3-yl	Et	H	H	F	OH
XXIV-17-7	p-F-Ph	H	H	$CH_2CH_2SCH_3$	Et	H	H	F	OH
XXIV-17-8	p-F-Ph	*	H	*	Et	H	H	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXIV-18.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXIV-18-1	p-Cl-Ph	H	H	H	Et	H	H	F	OH
XXIV-18-2	p-Cl-Ph	H	H	CH_3	Et	H	H	F	OH
XXIV-18-3	p-Cl-Ph	H	H	$CH(CH_3)_2$	Et	H	H	F	OH
XXIV-18-4	p-Cl-Ph	H	H	$CH_2CH(CH_3)_2$	Et	H	H	F	OH
XXIV-18-5	p-Cl-Ph	H	H	CH_2Ph	Et	H	H	F	OH
XXIV-18-6	p-Cl-Ph	H	H	CH_2-indol-3-yl	Et	H	H	F	OH
XXIV-18-7	p-Cl-Ph	H	H	$CH_2CH_2SCH_3$	Et	H	H	F	OH
XXIV-18-8	p-Cl-Ph	*	H	*	Et	H	H	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXIV-19.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXIV-19-1	p-Br-Ph	H	H	H	Et	H	H	F	OH
XXIV-19-2	p-Br-Ph	H	H	CH_3	Et	H	H	F	OH
XXIV-19-3	p-Br-Ph	H	H	$CH(CH_3)_2$	Et	H	H	F	OH
XXIV-19-4	p-Br-Ph	H	H	$CH_2CH(CH_3)_2$	Et	H	H	F	OH
XXIV-19-5	p-Br-Ph	H	H	CH_2Ph	Et	H	H	F	OH
XXIV-19-6	p-Br-Ph	H	H	CH_2-indol-3-yl	Et	H	H	F	OH
XXIV-19-7	p-Br-Ph	H	H	$CH_2CH_2SCH_3$	Et	H	H	F	OH
XXIV-19-8	p-Br-Ph	*	H	*	Et	H	H	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XXIV-20.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXIV-20-1	p-I-Ph	H	H	H	Et	H	H	F	OH
XXIV-20-2	p-I-Ph	H	H	CH_3	Et	H	H	F	OH
XXIV-20-3	p-I-Ph	H	H	$CH(CH_3)_2$	Et	H	H	F	OH
XXIV-20-4	p-I-Ph	H	H	$CH_2CH(CH_3)_2$	Et	H	H	F	OH
XXIV-20-5	p-I-Ph	H	H	CH_2Ph	Et	H	H	F	OH
XXIV-20-6	p-I-Ph	H	H	CH_2-indol-3-yl	Et	H	H	F	OH
XXIV-20-7	p-I-Ph	H	H	$CH_2CH_2SCH_3$	Et	H	H	F	OH
XXIV-20-8	p-I-Ph	*	H	*	Et	H	H	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXIV-21.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXIV-21-1	CH_3	H	H	H	^{i}Pr	H	H	F	OH
XXIV-21-2	CH_3	H	H	CH_3	^{i}Pr	H	H	F	OH
XXIV-21-3	CH_3	H	H	$CH(CH_3)_2$	^{i}Pr	H	H	F	OH
XXIV-21-4	CH_3	H	H	$CH_2CH(CH_3)_2$	^{i}Pr	H	H	F	OH
XXIV-21-5	CH_3	H	H	CH_2Ph	^{i}Pr	H	H	F	OH
XXIV-21-6	CH_3	H	H	CH_2-indol-3-yl	^{i}Pr	H	H	F	OH
XXIV-21-7	CH_3	H	H	$CH_2CH_2SCH_3$	^{i}Pr	H	H	F	OH
XXIV-21-8	CH_3	*	H	*	^{i}Pr	H	H	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXIV-22.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXIV-22-1	Et	H	H	H	^{i}Pr	H	H	F	OH
XXIV-22-2	Et	H	H	CH_3	^{i}Pr	H	H	F	OH
XXIV-22-3	Et	H	H	$CH(CH_3)_2$	^{i}Pr	H	H	F	OH
XXIV-22-4	Et	H	H	$CH_2CH(CH_3)_2$	^{i}Pr	H	H	F	OH
XXIV-22-5	Et	H	H	CH_2Ph	^{i}Pr	H	H	F	OH
XXIV-22-6	Et	H	H	CH_2-indol-3-yl	^{i}Pr	H	H	F	OH
XXIV-22-7	Et	H	H	$CH_2CH_2SCH_3$	^{i}Pr	H	H	F	OH
XXIV-22-8	Et	*	H	*	^{i}Pr	H	H	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XXIV-23.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXIV-23-1	^{i}Pr	H	H	H	^{i}Pr	H	H	F	OH
XXIV-23-2	^{i}Pr	H	H	CH_3	^{i}Pr	H	H	F	OH
XXIV-23-3	^{i}Pr	H	H	$CH(CH_3)_2$	^{i}Pr	H	H	F	OH
XXIV-23-4	^{i}Pr	H	H	$CH_2CH(CH_3)_2$	^{i}Pr	H	H	F	OH
XXIV-23-5	^{i}Pr	H	H	CH_2Ph	^{i}Pr	H	H	F	OH
XXIV-23-6	^{i}Pr	H	H	CH_2-indol-3-yl	^{i}Pr	H	H	F	OH
XXIV-23-7	^{i}Pr	H	H	$CH_2CH_2SCH_3$	^{i}Pr	H	H	F	OH
XXIV-23-8	^{i}Pr	*	H	*	^{i}Pr	H	H	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXIV-24.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXIV-24-1	^{t}Bu	H	H	H	^{i}Pr	H	H	F	OH
XXIV-24-2	^{t}Bu	H	H	CH_3	^{i}Pr	H	H	F	OH
XXIV-24-3	^{t}Bu	H	H	$CH(CH_3)_2$	^{i}Pr	H	H	F	OH
XXIV-24-4	^{t}Bu	H	H	$CH_2CH(CH_3)_2$	^{i}Pr	H	H	F	OH
XXIV-24-5	^{t}Bu	H	H	CH_2Ph	^{i}Pr	H	H	F	OH
XXIV-24-6	^{t}Bu	H	H	CH_2-indol-3-yl	^{i}Pr	H	H	F	OH
XXIV-24-7	^{t}Bu	H	H	$CH_2CH_2SCH_3$	^{i}Pr	H	H	F	OH
XXIV-24-8	^{t}Bu	*	H	*	^{i}Pr	H	H	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXIV-25.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXIV-25-1	Ph	H	H	H	^{i}Pr	H	H	F	OH
XXIV-25-2	Ph	H	H	CH_3	^{i}Pr	H	H	F	OH
XXIV-25-3	Ph	H	H	$CH(CH_3)_2$	^{i}Pr	H	H	F	OH
XXIV-25-4	Ph	H	H	$CH_2CH(CH_3)_2$	^{i}Pr	H	H	F	OH
XXIV-25-5	Ph	H	H	CH_2Ph	^{i}Pr	H	H	F	OH
XXIV-25-6	Ph	H	H	CH_2-indol-3-yl	^{i}Pr	H	H	F	OH
XXIV-25-7	Ph	H	H	$CH_2CH_2SCH_3$	^{i}Pr	H	H	F	OH
XXIV-25-8	Ph	*	H	*	^{i}Pr	H	H	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XXIV-26.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXIV-26-1	p-Me-Ph	H	H	H	^{i}Pr	H	H	F	OH
XXIV-26-2	p-Me-Ph	H	H	CH_3	^{i}Pr	H	H	F	OH
XXIV-26-3	p-Me-Ph	H	H	$CH(CH_3)_2$	^{i}Pr	H	H	F	OH
XXIV-26-4	p-Me-Ph	H	H	$CH_2CH(CH_3)_2$	^{i}Pr	H	H	F	OH
XXIV-26-5	p-Me-Ph	H	H	CH_2Ph	^{i}Pr	H	H	F	OH
XXIV-26-6	p-Me-Ph	H	H	CH_2-indol-3-yl	^{i}Pr	H	H	F	OH
XXIV-26-7	p-Me-Ph	H	H	$CH_2CH_2SCH_3$	^{i}Pr	H	H	F	OH
XXIV-26-8	p-Me-Ph	*	H	*	^{i}Pr	H	H	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXIV-27.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXIV-27-1	p-F-Ph	H	H	H	^{i}Pr	H	H	F	OH
XXIV-27-2	p-F-Ph	H	H	CH_3	^{i}Pr	H	H	F	OH
XXIV-27-3	p-F-Ph	H	H	$CH(CH_3)_2$	^{i}Pr	H	H	F	OH
XXIV-27-4	p-F-Ph	H	H	$CH_2CH(CH_3)_2$	^{i}Pr	H	H	F	OH
XXIV-27-5	p-F-Ph	H	H	CH_2Ph	^{i}Pr	H	H	F	OH
XXIV-27-6	p-F-Ph	H	H	CH_2-indol-3-yl	^{i}Pr	H	H	F	OH
XXIV-27-7	p-F-Ph	H	H	$CH_2CH_2SCH_3$	^{i}Pr	H	H	F	OH
XXIV-27-8	p-F-Ph	*	H	*	^{i}Pr	H	H	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXIV-28.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXIV-28-1	p-Cl-Ph	H	H	H	^{i}Pr	H	H	F	OH
XXIV-28-2	p-Cl-Ph	H	H	CH_3	^{i}Pr	H	H	F	OH
XXIV-28-3	p-Cl-Ph	H	H	$CH(CH_3)_2$	^{i}Pr	H	H	F	OH
XXIV-28-4	p-Cl-Ph	H	H	$CH_2CH(CH_3)_2$	^{i}Pr	H	H	F	OH
XXIV-28-5	p-Cl-Ph	H	H	CH_2Ph	^{i}Pr	H	H	F	OH
XXIV-28-6	p-Cl-Ph	H	H	CH_2-indol-3-yl	^{i}Pr	H	H	F	OH
XXIV-28-7	p-Cl-Ph	H	H	$CH_2CH_2SCH_3$	^{i}Pr	H	H	F	OH
XXIV-28-8	p-Cl-Ph	*	H	*	^{i}Pr	H	H	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XXIV-29.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXIV-29-1	p-Br-Ph	H	H	H	^{i}Pr	H	H	F	OH
XXIV-29-2	p-Br-Ph	H	H	CH_3	^{i}Pr	H	H	F	OH
XXIV-29-3	p-Br-Ph	H	H	$CH(CH_3)_2$	^{i}Pr	H	H	F	OH
XXIV-29-4	p-Br-Ph	H	H	$CH_2CH(CH_3)_2$	^{i}Pr	H	H	F	OH
XXIV-29-5	p-Br-Ph	H	H	CH_2Ph	^{i}Pr	H	H	F	OH
XXIV-29-6	p-Br-Ph	H	H	CH_2-indol-3-yl	^{i}Pr	H	H	F	OH
XXIV-29-7	p-Br-Ph	H	H	$CH_2CH_2SCH_3$	^{i}Pr	H	H	F	OH
XXIV-29-8	p-Br-Ph	*	H	*	^{i}Pr	H	H	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXIV-30.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXIV-30-1	p-I-Ph	H	H	H	^{i}Pr	H	H	F	OH
XXIV-30-2	p-I-Ph	H	H	CH_3	^{i}Pr	H	H	F	OH
XXIV-30-3	p-I-Ph	H	H	$CH(CH_3)_2$	^{i}Pr	H	H	F	OH
XXIV-30-4	p-I-Ph	H	H	$CH_2CH(CH_3)_2$	^{i}Pr	H	H	F	OH
XXIV-30-5	p-I-Ph	H	H	CH_2Ph	^{i}Pr	H	H	F	OH
XXIV-30-6	p-I-Ph	H	H	CH_2-indol-3-yl	^{i}Pr	H	H	F	OH
XXIV-30-7	p-I-Ph	H	H	$CH_2CH_2SCH_3$	^{i}Pr	H	H	F	OH
XXIV-30-8	p-I-Ph	*	H	*	^{i}Pr	H	H	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXIV-31.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXIV-31-1	CH_3	H	H	H	^{n}Bu	H	H	F	OH
XXIV-31-2	CH_3	H	H	CH_3	^{n}Bu	H	H	F	OH
XXIV-31-3	CH_3	H	H	$CH(CH_3)_2$	^{n}Bu	H	H	F	OH
XXIV-31-4	CH_3	H	H	$CH_2CH(CH_3)_2$	^{n}Bu	H	H	F	OH
XXIV-31-5	CH_3	H	H	CH_2Ph	^{n}Bu	H	H	F	OH
XXIV-31-6	CH_3	H	H	CH_2-indol-3-yl	^{n}Bu	H	H	F	OH
XXIV-31-7	CH_3	H	H	$CH_2CH_2SCH_3$	^{n}Bu	H	H	F	OH
XXIV-31-8	CH_3	*	H	*	^{n}Bu	H	H	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XXIV-32.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXIV-32-1	Et	H	H	H	^{n}Bu	H	H	F	OH
XXIV-32-2	Et	H	H	CH_3	^{n}Bu	H	H	F	OH
XXIV-32-3	Et	H	H	$CH(CH_3)_2$	^{n}Bu	H	H	F	OH
XXIV-32-4	Et	H	H	$CH_2CH(CH_3)_2$	^{n}Bu	H	H	F	OH
XXIV-32-5	Et	H	H	CH_2Ph	^{n}Bu	H	H	F	OH
XXIV-32-6	Et	H	H	CH_2-indol-3-yl	^{n}Bu	H	H	F	OH
XXIV-32-7	Et	H	H	$CH_2CH_2SCH_3$	^{n}Bu	H	H	F	OH
XXIV-32-8	Et	*	H	*	^{n}Bu	H	H	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXIV-33.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXIV-33-1	^{i}Pr	H	H	H	^{n}Bu	H	H	F	OH
XXIV-33-2	^{i}Pr	H	H	CH_3	^{n}Bu	H	H	F	OH
XXIV-33-3	^{i}Pr	H	H	$CH(CH_3)_2$	^{n}Bu	H	H	F	OH
XXIV-33-4	^{i}Pr	H	H	$CH_2CH(CH_3)_2$	^{n}Bu	H	H	F	OH
XXIV-33-5	^{i}Pr	H	H	CH_2Ph	^{n}Bu	H	H	F	OH
XXIV-33-6	^{i}Pr	H	H	CH_2-indol-3-yl	^{n}Bu	H	H	F	OH
XXIV-33-7	^{i}Pr	H	H	$CH_2CH_2SCH_3$	^{n}Bu	H	H	F	OH
XXIV-33-8	^{i}Pr	*	H	*	^{n}Bu	H	H	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXIV-34.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXIV-34-1	^{t}Bu	H	H	H	^{n}Bu	H	H	F	OH
XXIV-34-2	^{t}Bu	H	H	CH_3	^{n}Bu	H	H	F	OH
XXIV-34-3	^{t}Bu	H	H	$CH(CH_3)_2$	^{n}Bu	H	H	F	OH
XXIV-34-4	^{t}Bu	H	H	$CH_2CH(CH_3)_2$	^{n}Bu	H	H	F	OH
XXIV-34-5	^{t}Bu	H	H	CH_2Ph	^{n}Bu	H	H	F	OH
XXIV-34-6	^{t}Bu	H	H	CH_2-indol-3-yl	^{n}Bu	H	H	F	OH
XXIV-34-7	^{t}Bu	H	H	$CH_2CH_2SCH_3$	^{n}Bu	H	H	F	OH
XXIV-34-8	^{t}Bu	*	H	*	^{n}Bu	H	H	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XXIV-35.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXIV-35-1	Ph	H	H	H	^{n}Bu	H	H	F	OH
XXIV-35-2	Ph	H	H	CH_3	^{n}Bu	H	H	F	OH
XXIV-35-3	Ph	H	H	$CH(CH_3)_2$	^{n}Bu	H	H	F	OH
XXIV-35-4	Ph	H	H	$CH_2CH(CH_3)_2$	^{n}Bu	H	H	F	OH
XXIV-35-5	Ph	H	H	CH_2Ph	^{n}Bu	H	H	F	OH
XXIV-35-6	Ph	H	H	CH_2-indol-3-yl	^{n}Bu	H	H	F	OH
XXIV-35-7	Ph	H	H	$CH_2CH_2SCH_3$	^{n}Bu	H	H	F	OH
XXIV-35-8	Ph	*	H	*	^{n}Bu	H	H	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXIV-36.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXIV-36-1	p-Me-Ph	H	H	H	^{n}Bu	H	H	F	OH
XXIV-36-2	p-Me-Ph	H	H	CH_3	^{n}Bu	H	H	F	OH
XXIV-36-3	p-Me-Ph	H	H	$CH(CH_3)_2$	^{n}Bu	H	H	F	OH
XXIV-36-4	p-Me-Ph	H	H	$CH_2CH(CH_3)_2$	^{n}Bu	H	H	F	OH
XXIV-36-5	p-Me-Ph	H	H	CH_2Ph	^{n}Bu	H	H	F	OH
XXIV-36-6	p-Me-Ph	H	H	CH_2-indol-3-yl	^{n}Bu	H	H	F	OH
XXIV-36-7	p-Me-Ph	H	H	$CH_2CH_2SCH_3$	^{n}Bu	H	H	F	OH
XXIV-36-8	p-Me-Ph	*	H	*	^{n}Bu	H	H	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXIV-37.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXIV-37-1	p-F-Ph	H	H	H	^{n}Bu	H	H	F	OH
XXIV-37-2	p-F-Ph	H	H	CH_3	^{n}Bu	H	H	F	OH
XXIV-37-3	p-F-Ph	H	H	$CH(CH_3)_2$	^{n}Bu	H	H	F	OH
XXIV-37-4	p-F-Ph	H	H	$CH_2CH(CH_3)_2$	^{n}Bu	H	H	F	OH
XXIV-37-5	p-F-Ph	H	H	CH_2Ph	^{n}Bu	H	H	F	OH
XXIV-37-6	p-F-Ph	H	H	CH_2-indol-3-yl	^{n}Bu	H	H	F	OH
XXIV-37-7	p-F-Ph	H	H	$CH_2CH_2SCH_3$	^{n}Bu	H	H	F	OH
XXIV-37-8	p-F-Ph	*	H	*	^{n}Bu	H	H	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XXIV-38.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXIV-38-1	p-Cl-Ph	H	H	H	^{n}Bu	H	H	F	OH
XXIV-38-2	p-Cl-Ph	H	H	CH_3	^{n}Bu	H	H	F	OH
XXIV-38-3	p-Cl-Ph	H	H	$CH(CH_3)_2$	^{n}Bu	H	H	F	OH
XXIV-38-4	p-Cl-Ph	H	H	$CH_2CH(CH_3)_2$	^{n}Bu	H	H	F	OH
XXIV-38-5	p-Cl-Ph	H	H	CH_2Ph	^{n}Bu	H	H	F	OH
XXIV-38-6	p-Cl-Ph	H	H	CH_2-indol-3-yl	^{n}Bu	H	H	F	OH
XXIV-38-7	p-Cl-Ph	H	H	$CH_2CH_2SCH_3$	^{n}Bu	H	H	F	OH
XXIV-38-8	p-Cl-Ph	*	H	*	^{n}Bu	H	H	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXIV-39.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXIV-39-1	p-Br-Ph	H	H	H	^{n}Bu	H	H	F	OH
XXIV-39-2	p-Br-Ph	H	H	CH_3	^{n}Bu	H	H	F	OH
XXIV-39-3	p-Br-Ph	H	H	$CH(CH_3)_2$	^{n}Bu	H	H	F	OH
XXIV-39-4	p-Br-Ph	H	H	$CH_2CH(CH_3)_2$	^{n}Bu	H	H	F	OH
XXIV-39-5	p-Br-Ph	H	H	CH_2Ph	^{n}Bu	H	H	F	OH
XXIV-39-6	p-Br-Ph	H	H	CH_2-indol-3-yl	^{n}Bu	H	H	F	OH
XXIV-39-7	p-Br-Ph	H	H	$CH_2CH_2SCH_3$	^{n}Bu	H	H	F	OH
XXIV-39-8	p-Br-Ph	*	H	*	^{n}Bu	H	H	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXIV-40.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXIV-40-1	p-I-Ph	H	H	H	^{n}Bu	H	H	F	OH
XXIV-40-2	p-I-Ph	H	H	CH_3	^{n}Bu	H	H	F	OH
XXIV-40-3	p-I-Ph	H	H	$CH(CH_3)_2$	^{n}Bu	H	H	F	OH
XXIV-40-4	p-I-Ph	H	H	$CH_2CH(CH_3)_2$	^{n}Bu	H	H	F	OH
XXIV-40-5	p-I-Ph	H	H	CH_2Ph	^{n}Bu	H	H	F	OH
XXIV-40-6	p-I-Ph	H	H	CH_2-indol-3-yl	^{n}Bu	H	H	F	OH
XXIV-40-7	p-I-Ph	H	H	$CH_2CH_2SCH_3$	^{n}Bu	H	H	F	OH
XXIV-40-8	p-I-Ph	*	H	*	^{n}Bu	H	H	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XXIV-41.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXIV-41-1	CH_3	H	H	H	Bz	H	H	F	OH
XXIV-41-2	CH_3	H	H	CH_3	Bz	H	H	F	OH
XXIV-41-3	CH_3	H	H	$CH(CH_3)_2$	Bz	H	H	F	OH
XXIV-41-4	CH_3	H	H	$CH_2CH(CH_3)_2$	Bz	H	H	F	OH
XXIV-41-5	CH_3	H	H	CH_2Ph	Bz	H	H	F	OH
XXIV-41-6	CH_3	H	H	CH_2-indol-3-yl	Bz	H	H	F	OH
XXIV-41-7	CH_3	H	H	$CH_2CH_2SCH_3$	Bz	H	H	F	OH
XXIV-41-8	CH_3	*	H	*	Bz	H	H	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXIV-42.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXIV-42-1	Et	H	H	H	Bz	H	H	F	OH
XXIV-42-2	Et	H	H	CH_3	Bz	H	H	F	OH
XXIV-42-3	Et	H	H	$CH(CH_3)_2$	Bz	H	H	F	OH
XXIV-42-4	Et	H	H	$CH_2CH(CH_3)_2$	Bz	H	H	F	OH
XXIV-42-5	Et	H	H	CH_2Ph	Bz	H	H	F	OH
XXIV-42-6	Et	H	H	CH_2-indol-3-yl	Bz	H	H	F	OH
XXIV-42-7	Et	H	H	$CH_2CH_2SCH_3$	Bz	H	H	F	OH
XXIV-42-8	Et	*	H	*	Bz	H	H	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXIV-43.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXIV-43-1	^{i}Pr	H	H	H	Bz	H	H	F	OH
XXIV-43-2	^{i}Pr	H	H	CH_3	Bz	H	H	F	OH
XXIV-43-3	^{i}Pr	H	H	$CH(CH_3)_2$	Bz	H	H	F	OH
XXIV-43-4	^{i}Pr	H	H	$CH_2CH(CH_3)_2$	Bz	H	H	F	OH
XXIV-43-5	^{i}Pr	H	H	CH_2Ph	Bz	H	H	F	OH
XXIV-43-6	^{i}Pr	H	H	CH_2-indol-3-yl	Bz	H	H	F	OH
XXIV-43-7	^{i}Pr	H	H	$CH_2CH_2SCH_3$	Bz	H	H	F	OH
XXIV-43-8	^{i}Pr	*	H	*	Bz	H	H	F	OH

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*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXIV-44.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXIV-44-1	^{t}Bu	H	H	H	Bz	H	H	F	OH
XXIV-44-2	^{t}Bu	H	H	CH_3	Bz	H	H	F	OH
XXIV-44-3	^{t}Bu	H	H	$CH(CH_3)_2$	Bz	H	H	F	OH
XXIV-44-4	^{t}Bu	H	H	$CH_2CH(CH_3)_2$	Bz	H	H	F	OH
XXIV-44-5	^{t}Bu	H	H	CH_2Ph	Bz	H	H	F	OH
XXIV-44-6	^{t}Bu	H	H	CH_2-indol-3-yl	Bz	H	H	F	OH
XXIV-44-7	^{t}Bu	H	H	$CH_2CH_2SCH_3$	Bz	H	H	F	OH
XXIV-44-8	^{t}Bu	*	H	*	Bz	H	H	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXIV-45.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXIV-45-1	Ph	H	H	H	Bz	H	H	F	OH
XXIV-45-2	Ph	H	H	CH_3	Bz	H	H	F	OH
XXIV-45-3	Ph	H	H	$CH(CH_3)_2$	Bz	H	H	F	OH
XXIV-45-4	Ph	H	H	$CH_2CH(CH_3)_2$	Bz	H	H	F	OH
XXIV-45-5	Ph	H	H	CH_2Ph	Bz	H	H	F	OH
XXIV-45-6	Ph	H	H	CH_2-indol-3-yl	Bz	H	H	F	OH
XXIV-45-7	Ph	H	H	$CH_2CH_2SCH_3$	Bz	H	H	F	OH
XXIV-45-8	Ph	*	H	*	Bz	H	H	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXIV-46.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXIV-46-1	p-Me-Ph	H	H	H	Bz	H	H	F	OH
XXIV-46-2	p-Me-Ph	H	H	CH_3	Bz	H	H	F	OH
XXIV-46-3	p-Me-Ph	H	H	$CH(CH_3)_2$	Bz	H	H	F	OH
XXIV-46-4	p-Me-Ph	H	H	$CH_2CH(CH_3)_2$	Bz	H	H	F	OH
XXIV-46-5	p-Me-Ph	H	H	CH_2Ph	Bz	H	H	F	OH
XXIV-46-6	p-Me-Ph	H	H	CH_2-indol-3-yl	Bz	H	H	F	OH
XXIV-46-7	p-Me-Ph	H	H	$CH_2CH_2SCH_3$	Bz	H	H	F	OH

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№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXIV-46-8	p-Me-Ph	*	H	*	Bz	H	H	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXIV-47.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXIV-47-1	p-F-Ph	H	H	H	Bz	H	H	F	OH
XXIV-47-2	p-F-Ph	H	H	CH_3	Bz	H	H	F	OH
XXIV-47-3	p-F-Ph	H	H	$CH(CH_3)_2$	Bz	H	H	F	OH
XXIV-47-4	p-F-Ph	H	H	$CH_2CH(CH_3)_2$	Bz	H	H	F	OH
XXIV-47-5	p-F-Ph	H	H	CH_2Ph	Bz	H	H	F	OH
XXIV-47-6	p-F-Ph	H	H	CH_2-indol-3-yl	Bz	H	H	F	OH
XXIV-47-7	p-F-Ph	H	H	$CH_2CH_2SCH_3$	Bz	H	H	F	OH
XXIV-47-8	p-F-Ph	*	H	*	Bz	H	H	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXIV-48.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXIV-48-1	p-Cl-Ph	H	H	H	Bz	H	H	F	OH
XXIV-48-2	p-Cl-Ph	H	H	CH_3	Bz	H	H	F	OH
XXIV-48-3	p-Cl-Ph	H	H	$CH(CH_3)_2$	Bz	H	H	F	OH
XXIV-48-4	p-Cl-Ph	H	H	$CH_2CH(CH_3)_2$	Bz	H	H	F	OH
XXIV-48-5	p-Cl-Ph	H	H	CH_2Ph	Bz	H	H	F	OH
XXIV-48-6	p-Cl-Ph	H	H	CH_2-indol-3-yl	Bz	H	H	F	OH
XXIV-48-7	p-Cl-Ph	H	H	$CH_2CH_2SCH_3$	Bz	H	H	F	OH
XXIV-48-8	p-Cl-Ph	*	H	*	Bz	H	H	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXIV-49.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXIV-49-1	p-Br-Ph	H	H	H	Bz	H	H	F	OH
XXIV-49-2	p-Br-Ph	H	H	CH_3	Bz	H	H	F	OH
XXIV-49-3	p-Br-Ph	H	H	$CH(CH_3)_2$	Bz	H	H	F	OH
XXIV-49-4	p-Br-Ph	H	H	$CH_2CH(CH_3)_2$	Bz	H	H	F	OH
XXIV-49-5	p-Br-Ph	H	H	CH_2Ph	Bz	H	H	F	OH

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№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXIV-49-6	p-Br-Ph	H	H	CH_2-indol-3-yl	Bz	H	H	F	OH
XXIV-49-7	p-Br-Ph	H	H	$CH_2CH_2SCH_3$	Bz	H	H	F	OH
XXIV-49-8	p-Br-Ph	*	H	*	Bz	H	H	F	OH

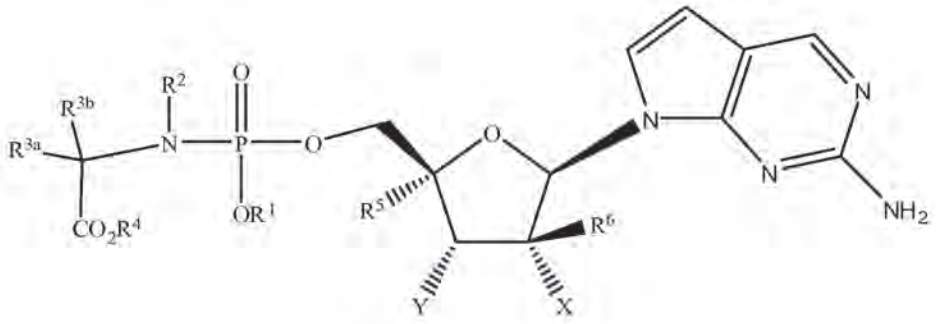
*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXIV-50.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXIV-50-1	p-I-Ph	H	H	H	Bz	H	H	F	OH
XXIV-50-2	p-I-Ph	H	H	CH_3	Bz	H	H	F	OH
XXIV-50-3	p-I-Ph	H	H	$CH(CH_3)_2$	Bz	H	H	F	OH
XXIV-50-4	p-I-Ph	H	H	$CH_2CH(CH_3)_2$	Bz	H	H	F	OH
XXIV-50-5	p-I-Ph	H	H	CH_2Ph	Bz	H	H	F	OH
XXIV-50-6	p-I-Ph	H	H	CH_2-indol-3-yl	Bz	H	H	F	OH
XXIV-50-7	p-I-Ph	H	H	$CH_2CH_2SCH_3$	Bz	H	H	F	OH
XXIV-50-8	p-I-Ph	*	H	*	Bz	H	H	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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XXV

Table XXV-1.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXV-1-1	CH_3	H	H	H	CH_3	H	CH_3	F	OH
XXV-1-2	CH_3	H	H	CH_3	CH_3	H	CH_3	F	OH
XXV-1-3	CH_3	H	H	$CH(CH_3)_2$	CH_3	H	CH_3	F	OH

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№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXV-1-4	CH_3	H	H	$CH_2CH(CH_3)_2$	CH_3	H	CH_3	F	OH
XXV-1-5	CH_3	H	H	CH_2Ph	CH_3	H	CH_3	F	OH
XXV-1-6	CH_3	H	H	CH_2-indol-3-yl	CH_3	H	CH_3	F	OH
XXV-1-7	CH_3	H	H	$CH_2CH_2SCH_3$	CH_3	H	CH_3	F	OH
XXV-1-8	CH_3	*	H	*	CH_3	H	CH_3	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXV-2.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXV-2-1	Et	H	H	H	CH_3	H	CH_3	F	OH
XXV-2-2	Et	H	H	CH_3	CH_3	H	CH_3	F	OH
XXV-2-3	Et	H	H	$CH(CH_3)_2$	CH_3	H	CH_3	F	OH
XXV-2-4	Et	H	H	$CH_2CH(CH_3)_2$	CH_3	H	CH_3	F	OH
XXV-2-5	Et	H	H	CH_2Ph	CH_3	H	CH_3	F	OH
XXV-2-6	Et	H	H	CH_2-indol-3-yl	CH_3	H	CH_3	F	OH
XXV-2-7	Et	H	H	$CH_2CH_2SCH_3$	CH_3	H	CH_3	F	OH
XXV-2-8	Et	*	H	*	CH_3	H	CH_3	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXV-3.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXV-3-1	^{i}Pr	H	H	H	CH_3	H	CH_3	F	OH
XXV-3-2	^{i}Pr	H	H	CH_3	CH_3	H	CH_3	F	OH
XXV-3-3	^{i}Pr	H	H	$CH(CH_3)_2$	CH_3	H	CH_3	F	OH
XXV-3-4	^{i}Pr	H	H	$CH_2CH(CH_3)_2$	CH_3	H	CH_3	F	OH
XXV-3-5	^{i}Pr	H	H	CH_2Ph	CH_3	H	CH_3	F	OH
XXV-3-6	^{i}Pr	H	H	CH_2-indol-3-yl	CH_3	H	CH_3	F	OH
XXV-3-7	^{i}Pr	H	H	$CH_2CH_2SCH_3$	CH_3	H	CH_3	F	OH
XXV-3-8	^{i}Pr	*	H	*	CH_3	H	CH_3	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXV-4.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXV-4-1	^{t}Bu	H	H	H	CH_3	H	CH_3	F	OH

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№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXV-4-2	^{t}Bu	H	H	CH_3	CH_3	H	CH_3	F	OH
XXV-4-3	^{t}Bu	H	H	$CH(CH_3)_2$	CH_3	H	CH_3	F	OH
XXV-4-4	^{t}Bu	H	H	$CH_2CH(CH_3)_2$	CH_3	H	CH_3	F	OH
XXV-4-5	^{t}Bu	H	H	CH_2Ph	CH_3	H	CH_3	F	OH
XXV-4-6	^{t}Bu	H	H	CH_2-indol-3-yl	CH_3	H	CH_3	F	OH
XXV-4-7	^{t}Bu	H	H	$CH_2CH_2SCH_3$	CH_3	H	CH_3	F	OH
XXV-4-8	^{t}Bu	*	H	*	CH_3	H	CH_3	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXV-5.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXV-5-1	Ph	H	H	H	CH_3	H	CH_3	F	OH
XXV-5-2	Ph	H	H	CH_3	CH_3	H	CH_3	F	OH
XXV-5-3	Ph	H	H	$CH(CH_3)_2$	CH_3	H	CH_3	F	OH
XXV-5-4	Ph	H	H	$CH_2CH(CH_3)_2$	CH_3	H	CH_3	F	OH
XXV-5-5	Ph	H	H	CH_2Ph	CH_3	H	CH_3	F	OH
XXV-5-6	Ph	H	H	CH_2-indol-3-yl	CH_3	H	CH_3	F	OH
XXV-5-7	Ph	H	H	$CH_2CH_2SCH_3$	CH_3	H	CH_3	F	OH
XXV-5-8	Ph	*	H	*	CH_3	H	CH_3	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXV-6.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXV-6-1	p-Me-Ph	H	H	H	CH_3	H	CH_3	F	OH
XXV-6-2	p-Me-Ph	H	H	CH_3	CH_3	H	CH_3	F	OH
XXV-6-3	p-Me-Ph	H	H	$CH(CH_3)_2$	CH_3	H	CH_3	F	OH
XXV-6-4	p-Me-Ph	H	H	$CH_2CH(CH_3)_2$	CH_3	H	CH_3	F	OH
XXV-6-5	p-Me-Ph	H	H	CH_2Ph	CH_3	H	CH_3	F	OH
XXV-6-6	p-Me-Ph	H	H	CH_2-indol-3-yl	CH_3	H	CH_3	F	OH
XXV-6-7	p-Me-Ph	H	H	$CH_2CH_2SCH_3$	CH_3	H	CH_3	F	OH
XXV-6-8	p-Me-Ph	*	H	*	CH_3	H	CH_3	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXV-7.

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№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXV-7-1	p-F-Ph	H	H	H	CH_3	H	CH_3	F	OH
XXV-7-2	p-F-Ph	H	H	CH_3	CH_3	H	CH_3	F	OH
XXV-7-3	p-F-Ph	H	H	$CH(CH_3)_2$	CH_3	H	CH_3	F	OH
XXV-7-4	p-F-Ph	H	H	$CH_2CH(CH_3)_2$	CH_3	H	CH_3	F	OH
XXV-7-6	p-F-Ph	H	H	CH_2Ph	CH_3	H	CH_3	F	OH
XXV-7-7	p-F-Ph	H	H	CH_2-indol-3-yl	CH_3	H	CH_3	F	OH
XXV-7-8	p-F-Ph	H	H	$CH_2CH_2SCH_3$	CH_3	H	CH_3	F	OH
XXV-7-20	p-F-Ph	*	H	*	CH_3	H	CH_3	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXV-8.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXV-8-1	p-Cl-Ph	H	H	H	CH_3	H	CH_3	F	OH
XXV-8-2	p-Cl-Ph	H	H	CH_3	CH_3	H	CH_3	F	OH
XXV-8-3	p-Cl-Ph	H	H	$CH(CH_3)_2$	CH_3	H	CH_3	F	OH
XXV-8-4	p-Cl-Ph	H	H	$CH_2CH(CH_3)_2$	CH_3	H	CH_3	F	OH
XXV-8-5	p-Cl-Ph	H	H	CH_2Ph	CH_3	H	CH_3	F	OH
XXV-8-6	p-Cl-Ph	H	H	CH_2-indol-3-yl	CH_3	H	CH_3	F	OH
XXV-8-7	p-Cl-Ph	H	H	$CH_2CH_2SCH_3$	CH_3	H	CH_3	F	OH
XXV-8-8	p-Cl-Ph	*	H	*	CH_3	H	CH_3	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXV-9.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXV-9-1	p-Br-Ph	H	H	H	CH_3	H	CH_3	F	OH
XXV-9-2	p-Br-Ph	H	H	CH_3	CH_3	H	CH_3	F	OH
XXV-9-3	p-Br-Ph	H	H	$CH(CH_3)_2$	CH_3	H	CH_3	F	OH
XXV-9-4	p-Br-Ph	H	H	$CH_2CH(CH_3)_2$	CH_3	H	CH_3	F	OH
XXV-9-6	p-Br-Ph	H	H	CH_2Ph	CH_3	H	CH_3	F	OH
XXV-9-7	p-Br-Ph	H	H	CH_2-indol-3-yl	CH_3	H	CH_3	F	OH
XXV-9-8	p-Br-Ph	H	H	$CH_2CH_2SCH_3$	CH_3	H	CH_3	F	OH
XXV-9-20	p-Br-Ph	*	H	*	CH_3	H	CH_3	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XXV-10.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXV-10-1	p-I-Ph	H	H	H	CH_3	H	CH_3	F	OH
XXV-10-2	p-I-Ph	H	H	CH_3	CH_3	H	CH_3	F	OH
XXV-10-3	p-I-Ph	H	H	$CH(CH_3)_2$	CH_3	H	CH_3	F	OH
XXV-10-4	p-I-Ph	H	H	$CH_2CH(CH_3)_2$	CH_3	H	CH_3	F	OH
XXV-10-5	p-I-Ph	H	H	CH_2Ph	CH_3	H	CH_3	F	OH
XXV-10-6	p-I-Ph	H	H	CH_2-indol-3-yl	CH_3	H	CH_3	F	OH
XXV-10-7	p-I-Ph	H	H	$CH_2CH_2SCH_3$	CH_3	H	CH_3	F	OH
XXV-10-8	p-I-Ph	*	H	*	CH_3	H	CH_3	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXV-11.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXV-11-1	CH_3	H	H	H	Et	H	CH_3	F	OH
XXV-11-2	CH_3	H	H	CH_3	Et	H	CH_3	F	OH
XXV-11-3	CH_3	H	H	$CH(CH_3)_2$	Et	H	CH_3	F	OH
XXV-11-4	CH_3	H	H	$CH_2CH(CH_3)_2$	Et	H	CH_3	F	OH
XXV-11-5	CH_3	H	H	CH_2Ph	Et	H	CH_3	F	OH
XXV-11-6	CH_3	H	H	CH_2-indol-3-yl	Et	H	CH_3	F	OH
XXV-11-7	CH_3	H	H	$CH_2CH_2SCH_3$	Et	H	CH_3	F	OH
XXV-11-8	CH_3	*	H	*	Et	H	CH_3	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXV-12.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXV-12-1	Et	H	H	H	Et	H	CH_3	F	OH
XXV-12-2	Et	H	H	CH_3	Et	H	CH_3	F	OH
XXV-12-3	Et	H	H	$CH(CH_3)_2$	Et	H	CH_3	F	OH
XXV-12-4	Et	H	H	$CH_2CH(CH_3)_2$	Et	H	CH_3	F	OH
XXV-12-5	Et	H	H	CH_2Ph	Et	H	CH_3	F	OH
XXV-12-6	Et	H	H	CH_2-indol-3-yl	Et	H	CH_3	F	OH
XXV-12-7	Et	H	H	$CH_2CH_2SCH_3$	Et	H	CH_3	F	OH
XXV-12-8	Et	*	H	*	Et	H	CH_3	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XXV-13.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXV-13-1	^{i}Pr	H	H	H	Et	H	CH_3	F	OH
XXV-13-2	^{i}Pr	H	H	CH_3	Et	H	CH_3	F	OH
XXV-13-3	^{i}Pr	H	H	$CH(CH_3)_2$	Et	H	CH_3	F	OH
XXV-13-4	^{i}Pr	H	H	$CH_2CH(CH_3)_2$	Et	H	CH_3	F	OH
XXV-13-5	^{i}Pr	H	H	CH_2Ph	Et	H	CH_3	F	OH
XXV-13-6	^{i}Pr	H	H	CH_2-indol-3-yl	Et	H	CH_3	F	OH
XXV-13-7	^{i}Pr	H	H	$CH_2CH_2SCH_3$	Et	H	CH_3	F	OH
XXV-13-8	^{i}Pr	*	H	*	Et	H	CH_3	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXV-14.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXV-14-1	^{t}Bu	H	H	H	Et	H	CH_3	F	OH
XXV-14-2	^{t}Bu	H	H	CH_3	Et	H	CH_3	F	OH
XXV-14-3	^{t}Bu	H	H	$CH(CH_3)_2$	Et	H	CH_3	F	OH
XXV-14-4	^{t}Bu	H	H	$CH_2CH(CH_3)_2$	Et	H	CH_3	F	OH
XXV-14-5	^{t}Bu	H	H	CH_2Ph	Et	H	CH_3	F	OH
XXV-14-6	^{t}Bu	H	H	CH_2-indol-3-yl	Et	H	CH_3	F	OH
XXV-14-7	^{t}Bu	H	H	$CH_2CH_2SCH_3$	Et	H	CH_3	F	OH
XXV-14-8	^{t}Bu	*	H	*	Et	H	CH_3	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXV-15.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXV-15-1	Ph	H	H	H	Et	H	CH_3	F	OH
XXV-15-2	Ph	H	H	CH_3	Et	H	CH_3	F	OH
XXV-15-3	Ph	H	H	$CH(CH_3)_2$	Et	H	CH_3	F	OH
XXV-15-4	Ph	H	H	$CH_2CH(CH_3)_2$	Et	H	CH_3	F	OH
XXV-15-5	Ph	H	H	CH_2Ph	Et	H	CH_3	F	OH
XXV-15-6	Ph	H	H	CH_2-indol-3-yl	Et	H	CH_3	F	OH
XXV-15-7	Ph	H	H	$CH_2CH_2SCH_3$	Et	H	CH_3	F	OH
XXV-15-8	Ph	*	H	*	Et	H	CH_3	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XXV-16.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXV-16-1	p-Me-Ph	H	H	H	Et	H	CH_3	F	OH
XXV-16-2	p-Me-Ph	H	H	CH_3	Et	H	CH_3	F	OH
XXV-16-3	p-Me-Ph	H	H	$CH(CH_3)_2$	Et	H	CH_3	F	OH
XXV-16-4	p-Me-Ph	H	H	$CH_2CH(CH_3)_2$	Et	H	CH_3	F	OH
XXV-16-5	p-Me-Ph	H	H	CH_2Ph	Et	H	CH_3	F	OH
XXV-16-6	p-Me-Ph	H	H	CH_2-indol-3-yl	Et	H	CH_3	F	OH
XXV-16-7	p-Me-Ph	H	H	$CH_2CH_2SCH_3$	Et	H	CH_3	F	OH
XXV-16-8	p-Me-Ph	*	H	*	Et	H	CH_3	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXV-17.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXV-17-1	p-F-Ph	H	H	H	Et	H	CH_3	F	OH
XXV-17-2	p-F-Ph	H	H	CH_3	Et	H	CH_3	F	OH
XXV-17-3	p-F-Ph	H	H	$CH(CH_3)_2$	Et	H	CH_3	F	OH
XXV-17-4	p-F-Ph	H	H	$CH_2CH(CH_3)_2$	Et	H	CH_3	F	OH
XXV-17-5	p-F-Ph	H	H	CH_2Ph	Et	H	CH_3	F	OH
XXV-17-6	p-F-Ph	H	H	CH_2-indol-3-yl	Et	H	CH_3	F	OH
XXV-17-7	p-F-Ph	H	H	$CH_2CH_2SCH_3$	Et	H	CH_3	F	OH
XXV-17-8	p-F-Ph	*	H	*	Et	H	CH_3	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXV-18.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXV-18-1	p-Cl-Ph	H	H	H	Et	H	CH_3	F	OH
XXV-18-2	p-Cl-Ph	H	H	CH_3	Et	H	CH_3	F	OH
XXV-18-3	p-Cl-Ph	H	H	$CH(CH_3)_2$	Et	H	CH_3	F	OH
XXV-18-4	p-Cl-Ph	H	H	$CH_2CH(CH_3)_2$	Et	H	CH_3	F	OH
XXV-18-5	p-Cl-Ph	H	H	CH_2Ph	Et	H	CH_3	F	OH
XXV-18-6	p-Cl-Ph	H	H	CH_2-indol-3-yl	Et	H	CH_3	F	OH
XXV-18-7	p-Cl-Ph	H	H	$CH_2CH_2SCH_3$	Et	H	CH_3	F	OH
XXV-18-8	p-Cl-Ph	*	H	*	Et	H	CH_3	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XXV-19.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXV-19-1	p-Br-Ph	H	H	H	Et	H	CH_3	F	OH
XXV-19-2	p-Br-Ph	H	H	CH_3	Et	H	CH_3	F	OH
XXV-19-3	p-Br-Ph	H	H	$CH(CH_3)_2$	Et	H	CH_3	F	OH
XXV-19-4	p-Br-Ph	H	H	$CH_2CH(CH_3)_2$	Et	H	CH_3	F	OH
XXV-19-5	p-Br-Ph	H	H	CH_2Ph	Et	H	CH_3	F	OH
XXV-19-6	p-Br-Ph	H	H	CH_2-indol-3-yl	Et	H	CH_3	F	OH
XXV-19-7	p-Br-Ph	H	H	$CH_2CH_2SCH_3$	Et	H	CH_3	F	OH
XXV-19-8	p-Br-Ph	*	H	*	Et	H	CH_3	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXV-20.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXV-20-1	p-I-Ph	H	H	H	Et	H	CH_3	F	OH
XXV-20-2	p-I-Ph	H	H	CH_3	Et	H	CH_3	F	OH
XXV-20-3	p-I-Ph	H	H	$CH(CH_3)_2$	Et	H	CH_3	F	OH
XXV-20-4	p-I-Ph	H	H	$CH_2CH(CH_3)_2$	Et	H	CH_3	F	OH
XXV-20-5	p-I-Ph	H	H	CH_2Ph	Et	H	CH_3	F	OH
XXV-20-6	p-I-Ph	H	H	CH_2-indol-3-yl	Et	H	CH_3	F	OH
XXV-20-7	p-I-Ph	H	H	$CH_2CH_2SCH_3$	Et	H	CH_3	F	OH
XXV-20-8	p-I-Ph	*	H	*	Et	H	CH_3	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXV-21.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXV-21-1	CH_3	H	H	H	^{i}Pr	H	CH_3	F	OH
XXV-21-2	CH_3	H	H	CH_3	^{i}Pr	H	CH_3	F	OH
XXV-21-3	CH_3	H	H	$CH(CH_3)_2$	^{i}Pr	H	CH_3	F	OH
XXV-21-4	CH_3	H	H	$CH_2CH(CH_3)_2$	^{i}Pr	H	CH_3	F	OH
XXV-21-5	CH_3	H	H	CH_2Ph	^{i}Pr	H	CH_3	F	OH
XXV-21-6	CH_3	H	H	CH_2-indol-3-yl	^{i}Pr	H	CH_3	F	OH
XXV-21-7	CH_3	H	H	$CH_2CH_2SCH_3$	^{i}Pr	H	CH_3	F	OH
XXV-21-8	CH_3	*	H	*	^{i}Pr	H	CH_3	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XXV-22.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXV-22-1	Et	H	H	H	^{i}Pr	H	CH_3	F	OH
XXV-22-2	Et	H	H	CH_3	^{i}Pr	H	CH_3	F	OH
XXV-22-3	Et	H	H	$CH(CH_3)_2$	^{i}Pr	H	CH_3	F	OH
XXV-22-4	Et	H	H	$CH_2CH(CH_3)_2$	^{i}Pr	H	CH_3	F	OH
XXV-22-5	Et	H	H	CH_2Ph	^{i}Pr	H	CH_3	F	OH
XXV-22-6	Et	H	H	CH_2-indol-3-yl	^{i}Pr	H	CH_3	F	OH
XXV-22-7	Et	H	H	$CH_2CH_2SCH_3$	^{i}Pr	H	CH_3	F	OH
XXV-22-8	Et	*	H	*	^{i}Pr	H	CH_3	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXV-23.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXV-23-1	^{i}Pr	H	H	H	^{i}Pr	H	CH_3	F	OH
XXV-23-2	^{i}Pr	H	H	CH_3	^{i}Pr	H	CH_3	F	OH
XXV-23-3	^{i}Pr	H	H	$CH(CH_3)_2$	^{i}Pr	H	CH_3	F	OH
XXV-23-4	^{i}Pr	H	H	$CH_2CH(CH_3)_2$	^{i}Pr	H	CH_3	F	OH
XXV-23-5	^{i}Pr	H	H	CH_2Ph	^{i}Pr	H	CH_3	F	OH
XXV-23-6	^{i}Pr	H	H	CH_2-indol-3-yl	^{i}Pr	H	CH_3	F	OH
XXV-23-7	^{i}Pr	H	H	$CH_2CH_2SCH_3$	^{i}Pr	H	CH_3	F	OH
XXV-23-8	^{i}Pr	*	H	*	^{i}Pr	H	CH_3	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXV-24.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXV-24-1	^{t}Bu	H	H	H	^{i}Pr	H	CH_3	F	OH
XXV-24-2	^{t}Bu	H	H	CH_3	^{i}Pr	H	CH_3	F	OH
XXV-24-3	^{t}Bu	H	H	$CH(CH_3)_2$	^{i}Pr	H	CH_3	F	OH
XXV-24-4	^{t}Bu	H	H	$CH_2CH(CH_3)_2$	^{i}Pr	H	CH_3	F	OH
XXV-24-5	^{t}Bu	H	H	CH_2Ph	^{i}Pr	H	CH_3	F	OH
XXV-24-6	^{t}Bu	H	H	CH_2-indol-3-yl	^{i}Pr	H	CH_3	F	OH
XXV-24-7	^{t}Bu	H	H	$CH_2CH_2SCH_3$	^{i}Pr	H	CH_3	F	OH
XXV-24-8	^{t}Bu	*	H	*	^{i}Pr	H	CH_3	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XXV-25.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXV-25-1	Ph	H	H	H	^{i}Pr	H	CH_3	F	OH
XXV-25-2	Ph	H	H	CH_3	^{i}Pr	H	CH_3	F	OH
XXV-25-3	Ph	H	H	$CH(CH_3)_2$	^{i}Pr	H	CH_3	F	OH
XXV-25-4	Ph	H	H	$CH_2CH(CH_3)_2$	^{i}Pr	H	CH_3	F	OH
XXV-25-5	Ph	H	H	CH_2Ph	^{i}Pr	H	CH_3	F	OH
XXV-25-6	Ph	H	H	CH_2-indol-3-yl	^{i}Pr	H	CH_3	F	OH
XXV-25-7	Ph	H	H	$CH_2CH_2SCH_3$	^{i}Pr	H	CH_3	F	OH
XXV-25-8	Ph	*	H	*	^{i}Pr	H	CH_3	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXV-26.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXV-26-1	p-Me-Ph	H	H	H	^{i}Pr	H	CH_3	F	OH
XXV-26-2	p-Me-Ph	H	H	CH_3	^{i}Pr	H	CH_3	F	OH
XXV-26-3	p-Me-Ph	H	H	$CH(CH_3)_2$	^{i}Pr	H	CH_3	F	OH
XXV-26-4	p-Me-Ph	H	H	$CH_2CH(CH_3)_2$	^{i}Pr	H	CH_3	F	OH
XXV-26-5	p-Me-Ph	H	H	CH_2Ph	^{i}Pr	H	CH_3	F	OH
XXV-26-6	p-Me-Ph	H	H	CH_2-indol-3-yl	^{i}Pr	H	CH_3	F	OH
XXV-26-7	p-Me-Ph	H	H	$CH_2CH_2SCH_3$	^{i}Pr	H	CH_3	F	OH
XXV-26-8	p-Me-Ph	*	H	*	^{i}Pr	H	CH_3	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXV-27.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXV-27-1	p-F-Ph	H	H	H	^{i}Pr	H	CH_3	F	OH
XXV-27-2	p-F-Ph	H	H	CH_3	^{i}Pr	H	CH_3	F	OH
XXV-27-3	p-F-Ph	H	H	$CH(CH_3)_2$	^{i}Pr	H	CH_3	F	OH
XXV-27-4	p-F-Ph	H	H	$CH_2CH(CH_3)_2$	^{i}Pr	H	CH_3	F	OH
XXV-27-5	p-F-Ph	H	H	CH_2Ph	^{i}Pr	H	CH_3	F	OH
XXV-27-6	p-F-Ph	H	H	CH_2-indol-3-yl	^{i}Pr	H	CH_3	F	OH
XXV-27-7	p-F-Ph	H	H	$CH_2CH_2SCH_3$	^{i}Pr	H	CH_3	F	OH
XXV-27-8	p-F-Ph	*	H	*	^{i}Pr	H	CH_3	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XXV-28.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXV-28-1	p-Cl-Ph	H	H	H	^{i}Pr	H	CH_3	F	OH
XXV-28-2	p-Cl-Ph	H	H	CH_3	^{i}Pr	H	CH_3	F	OH
XXV-28-3	p-Cl-Ph	H	H	$CH(CH_3)_2$	^{i}Pr	H	CH_3	F	OH
XXV-28-4	p-Cl-Ph	H	H	$CH_2CH(CH_3)_2$	^{i}Pr	H	CH_3	F	OH
XXV-28-5	p-Cl-Ph	H	H	CH_2Ph	^{i}Pr	H	CH_3	F	OH
XXV-28-6	p-Cl-Ph	H	H	CH_2-indol-3-yl	^{i}Pr	H	CH_3	F	OH
XXV-28-7	p-Cl-Ph	H	H	$CH_2CH_2SCH_3$	^{i}Pr	H	CH_3	F	OH
XXV-28-8	p-Cl-Ph	*	H	*	^{i}Pr	H	CH_3	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXV-29.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXV-29-1	p-Br-Ph	H	H	H	^{i}Pr	H	CH_3	F	OH
XXV-29-2	p-Br-Ph	H	H	CH_3	^{i}Pr	H	CH_3	F	OH
XXV-29-3	p-Br-Ph	H	H	$CH(CH_3)_2$	^{i}Pr	H	CH_3	F	OH
XXV-29-4	p-Br-Ph	H	H	$CH_2CH(CH_3)_2$	^{i}Pr	H	CH_3	F	OH
XXV-29-5	p-Br-Ph	H	H	CH_2Ph	^{i}Pr	H	CH_3	F	OH
XXV-29-6	p-Br-Ph	H	H	CH_2-indol-3-yl	^{i}Pr	H	CH_3	F	OH
XXV-29-7	p-Br-Ph	H	H	$CH_2CH_2SCH_3$	^{i}Pr	H	CH_3	F	OH
XXV-29-8	p-Br-Ph	*	H	*	^{i}Pr	H	CH_3	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXV-30.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXV-30-1	p-I-Ph	H	H	H	^{i}Pr	H	CH_3	F	OH
XXV-30-2	p-I-Ph	H	H	CH_3	^{i}Pr	H	CH_3	F	OH
XXV-30-3	p-I-Ph	H	H	$CH(CH_3)_2$	^{i}Pr	H	CH_3	F	OH
XXV-30-4	p-I-Ph	H	H	$CH_2CH(CH_3)_2$	^{i}Pr	H	CH_3	F	OH
XXV-30-5	p-I-Ph	H	H	CH_2Ph	^{i}Pr	H	CH_3	F	OH
XXV-30-6	p-I-Ph	H	H	CH_2-indol-3-yl	^{i}Pr	H	CH_3	F	OH
XXV-30-7	p-I-Ph	H	H	$CH_2CH_2SCH_3$	^{i}Pr	H	CH_3	F	OH
XXV-30-8	p-I-Ph	*	H	*	^{i}Pr	H	CH_3	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XXV-31.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXV-31-1	CH_3	H	H	H	^{n}Bu	H	CH_3	F	OH
XXV-31-2	CH_3	H	H	CH_3	^{n}Bu	H	CH_3	F	OH
XXV-31-3	CH_3	H	H	$CH(CH_3)_2$	^{n}Bu	H	CH_3	F	OH
XXV-31-4	CH_3	H	H	$CH_2CH(CH_3)_2$	^{n}Bu	H	CH_3	F	OH
XXV-31-5	CH_3	H	H	CH_2Ph	^{n}Bu	H	CH_3	F	OH
XXV-31-6	CH_3	H	H	CH_2-indol-3-yl	^{n}Bu	H	CH_3	F	OH
XXV-31-7	CH_3	H	H	$CH_2CH_2SCH_3$	^{n}Bu	H	CH_3	F	OH
XXV-31-8	CH_3	*	H	*	^{n}Bu	H	CH_3	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXV-32.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXV-32-1	Et	H	H	H	^{n}Bu	H	CH_3	F	OH
XXV-32-2	Et	H	H	CH_3	^{n}Bu	H	CH_3	F	OH
XXV-32-3	Et	H	H	$CH(CH_3)_2$	^{n}Bu	H	CH_3	F	OH
XXV-32-4	Et	H	H	$CH_2CH(CH_3)_2$	^{n}Bu	H	CH_3	F	OH
XXV-32-5	Et	H	H	CH_2Ph	^{n}Bu	H	CH_3	F	OH
XXV-32-6	Et	H	H	CH_2-indol-3-yl	^{n}Bu	H	CH_3	F	OH
XXV-32-7	Et	H	H	$CH_2CH_2SCH_3$	^{n}Bu	H	CH_3	F	OH
XXV-32-8	Et	*	H	*	^{n}Bu	H	CH_3	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXV-33.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXV-33-1	^{i}Pr	H	H	H	^{n}Bu	H	CH_3	F	OH
XXV-33-2	^{i}Pr	H	H	CH_3	^{n}Bu	H	CH_3	F	OH
XXV-33-3	^{i}Pr	H	H	$CH(CH_3)_2$	^{n}Bu	H	CH_3	F	OH
XXV-33-4	^{i}Pr	H	H	$CH_2CH(CH_3)_2$	^{n}Bu	H	CH_3	F	OH
XXV-33-5	^{i}Pr	H	H	CH_2Ph	^{n}Bu	H	CH_3	F	OH
XXV-33-6	^{i}Pr	H	H	CH_2-indol-3-yl	^{n}Bu	H	CH_3	F	OH
XXV-33-7	^{i}Pr	H	H	$CH_2CH_2SCH_3$	^{n}Bu	H	CH_3	F	OH
XXV-33-8	^{i}Pr	*	H	*	^{n}Bu	H	CH_3	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XXV-34.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXV-34-1	^{t}Bu	H	H	H	^{n}Bu	H	CH_3	F	OH
XXV-34-2	^{t}Bu	H	H	CH_3	^{n}Bu	H	CH_3	F	OH
XXV-34-3	^{t}Bu	H	H	$CH(CH_3)_2$	^{n}Bu	H	CH_3	F	OH
XXV-34-4	^{t}Bu	H	H	$CH_2CH(CH_3)_2$	^{n}Bu	H	CH_3	F	OH
XXV-34-5	^{t}Bu	H	H	CH_2Ph	^{n}Bu	H	CH_3	F	OH
XXV-34-6	^{t}Bu	H	H	CH_2-indol-3-yl	^{n}Bu	H	CH_3	F	OH
XXV-34-7	^{t}Bu	H	H	$CH_2CH_2SCH_3$	^{n}Bu	H	CH_3	F	OH
XXV-34-8	^{t}Bu	*	H	*	^{n}Bu	H	CH_3	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXV-35.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXV-35-1	Ph	H	H	H	^{n}Bu	H	CH_3	F	OH
XXV-35-2	Ph	H	H	CH_3	^{n}Bu	H	CH_3	F	OH
XXV-35-3	Ph	H	H	$CH(CH_3)_2$	^{n}Bu	H	CH_3	F	OH
XXV-35-4	Ph	H	H	$CH_2CH(CH_3)_2$	^{n}Bu	H	CH_3	F	OH
XXV-35-5	Ph	H	H	CH_2Ph	^{n}Bu	H	CH_3	F	OH
XXV-35-6	Ph	H	H	CH_2-indol-3-yl	^{n}Bu	H	CH_3	F	OH
XXV-35-7	Ph	H	H	$CH_2CH_2SCH_3$	^{n}Bu	H	CH_3	F	OH
XXV-35-8	Ph	*	H	*	^{n}Bu	H	CH_3	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXV-36.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXV-36-1	p-Me-Ph	H	H	H	^{n}Bu	H	CH_3	F	OH
XXV-36-2	p-Me-Ph	H	H	CH_3	^{n}Bu	H	CH_3	F	OH
XXV-36-3	p-Me-Ph	H	H	$CH(CH_3)_2$	^{n}Bu	H	CH_3	F	OH
XXV-36-4	p-Me-Ph	H	H	$CH_2CH(CH_3)_2$	^{n}Bu	H	CH_3	F	OH
XXV-36-5	p-Me-Ph	H	H	CH_2Ph	^{n}Bu	H	CH_3	F	OH
XXV-36-6	p-Me-Ph	H	H	CH_2-indol-3-yl	^{n}Bu	H	CH_3	F	OH
XXV-36-7	p-Me-Ph	H	H	$CH_2CH_2SCH_3$	^{n}Bu	H	CH_3	F	OH
XXV-36-8	p-Me-Ph	*	H	*	^{n}Bu	H	CH_3	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XXV-37.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXV-37-1	p-F-Ph	H	H	H	^{n}Bu	H	CH_3	F	OH
XXV-37-2	p-F-Ph	H	H	CH_3	^{n}Bu	H	CH_3	F	OH
XXV-37-3	p-F-Ph	H	H	$CH(CH_3)_2$	^{n}Bu	H	CH_3	F	OH
XXV-37-4	p-F-Ph	H	H	$CH_2CH(CH_3)_2$	^{n}Bu	H	CH_3	F	OH
XXV-37-5	p-F-Ph	H	H	CH_2Ph	^{n}Bu	H	CH_3	F	OH
XXV-37-6	p-F-Ph	H	H	CH_2-indol-3-yl	^{n}Bu	H	CH_3	F	OH
XXV-37-7	p-F-Ph	H	H	$CH_2CH_2SCH_3$	^{n}Bu	H	CH_3	F	OH
XXV-37-8	p-F-Ph	*	H	*	^{n}Bu	H	CH_3	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXV-38.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXV-38-1	p-Cl-Ph	H	H	H	^{n}Bu	H	CH_3	F	OH
XXV-38-2	p-Cl-Ph	H	H	CH_3	^{n}Bu	H	CH_3	F	OH
XXV-38-3	p-Cl-Ph	H	H	$CH(CH_3)_2$	^{n}Bu	H	CH_3	F	OH
XXV-38-4	p-Cl-Ph	H	H	$CH_2CH(CH_3)_2$	^{n}Bu	H	CH_3	F	OH
XXV-38-5	p-Cl-Ph	H	H	CH_2Ph	^{n}Bu	H	CH_3	F	OH
XXV-38-6	p-Cl-Ph	H	H	CH_2-indol-3-yl	^{n}Bu	H	CH_3	F	OH
XXV-38-7	p-Cl-Ph	H	H	$CH_2CH_2SCH_3$	^{n}Bu	H	CH_3	F	OH
XXV-38-8	p-Cl-Ph	*	H	*	^{n}Bu	H	CH_3	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXV-39.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXV-39-1	p-Br-Ph	H	H	H	^{n}Bu	H	CH_3	F	OH
XXV-39-2	p-Br-Ph	H	H	CH_3	^{n}Bu	H	CH_3	F	OH
XXV-39-3	p-Br-Ph	H	H	$CH(CH_3)_2$	^{n}Bu	H	CH_3	F	OH
XXV-39-4	p-Br-Ph	H	H	$CH_2CH(CH_3)_2$	^{n}Bu	H	CH_3	F	OH
XXV-39-5	p-Br-Ph	H	H	CH_2Ph	^{n}Bu	H	CH_3	F	OH
XXV-39-6	p-Br-Ph	H	H	CH_2-indol-3-yl	^{n}Bu	H	CH_3	F	OH
XXV-39-7	p-Br-Ph	H	H	$CH_2CH_2SCH_3$	^{n}Bu	H	CH_3	F	OH
XXV-39-8	p-Br-Ph	*	H	*	^{n}Bu	H	CH_3	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XXV-40.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXV-40-1	p-I-Ph	H	H	H	^{n}Bu	H	CH_3	F	OH
XXV-40-2	p-I-Ph	H	H	CH_3	^{n}Bu	H	CH_3	F	OH
XXV-40-3	p-I-Ph	H	H	$CH(CH_3)_2$	^{n}Bu	H	CH_3	F	OH
XXV-40-4	p-I-Ph	H	H	$CH_2CH(CH_3)_2$	^{n}Bu	H	CH_3	F	OH
XXV-40-5	p-I-Ph	H	H	CH_2Ph	^{n}Bu	H	CH_3	F	OH
XXV-40-6	p-I-Ph	H	H	CH_2-indol-3-yl	^{n}Bu	H	CH_3	F	OH
XXV-40-7	p-I-Ph	H	H	$CH_2CH_2SCH_3$	^{n}Bu	H	CH_3	F	OH
XXV-40-8	p-I-Ph	*	H	*	^{n}Bu	H	CH_3	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXV-41.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXV-41-1	CH_3	H	H	H	Bz	H	CH_3	F	OH
XXV-41-2	CH_3	H	H	CH_3	Bz	H	CH_3	F	OH
XXV-41-3	CH_3	H	H	$CH(CH_3)_2$	Bz	H	CH_3	F	OH
XXV-41-4	CH_3	H	H	$CH_2CH(CH_3)_2$	Bz	H	CH_3	F	OH
XXV-41-5	CH_3	H	H	CH_2Ph	Bz	H	CH_3	F	OH
XXV-41-6	CH_3	H	H	CH_2-indol-3-yl	Bz	H	CH_3	F	OH
XXV-41-7	CH_3	H	H	$CH_2CH_2SCH_3$	Bz	H	CH_3	F	OH
XXV-41-8	CH_3	*	H	*	Bz	H	CH_3	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXV-42.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXV-42-1	Et	H	H	H	Bz	H	CH_3	F	OH
XXV-42-2	Et	H	H	CH_3	Bz	H	CH_3	F	OH
XXV-42-3	Et	H	H	$CH(CH_3)_2$	Bz	H	CH_3	F	OH
XXV-42-4	Et	H	H	$CH_2CH(CH_3)_2$	Bz	H	CH_3	F	OH
XXV-42-5	Et	H	H	CH_2Ph	Bz	H	CH_3	F	OH
XXV-42-6	Et	H	H	CH_2-indol-3-yl	Bz	H	CH_3	F	OH
XXV-42-7	Et	H	H	$CH_2CH_2SCH_3$	Bz	H	CH_3	F	OH
XXV-42-8	Et	*	H	*	Bz	H	CH_3	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XXV-43.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXV-43-1	^{i}Pr	H	H	H	Bz	H	CH_3	F	OH
XXV-43-2	^{i}Pr	H	H	CH_3	Bz	H	CH_3	F	OH
XXV-43-3	^{i}Pr	H	H	$CH(CH_3)_2$	Bz	H	CH_3	F	OH
XXV-43-4	^{i}Pr	H	H	$CH_2CH(CH_3)_2$	Bz	H	CH_3	F	OH
XXV-43-5	^{i}Pr	H	H	CH_2Ph	Bz	H	CH_3	F	OH
XXV-43-6	^{i}Pr	H	H	CH_2-indol-3-yl	Bz	H	CH_3	F	OH
XXV-43-7	^{i}Pr	H	H	$CH_2CH_2SCH_3$	Bz	H	CH_3	F	OH
XXV-43-8	^{i}Pr	*	H	*	Bz	H	CH_3	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXV-44.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXV-44-1	^{t}Bu	H	H	H	Bz	H	CH_3	F	OH
XXV-44-2	^{t}Bu	H	H	CH_3	Bz	H	CH_3	F	OH
XXV-44-3	^{t}Bu	H	H	$CH(CH_3)_2$	Bz	H	CH_3	F	OH
XXV-44-4	^{t}Bu	H	H	$CH_2CH(CH_3)_2$	Bz	H	CH_3	F	OH
XXV-44-5	^{t}Bu	H	H	CH_2Ph	Bz	H	CH_3	F	OH
XXV-44-6	^{t}Bu	H	H	CH_2-indol-3-yl	Bz	H	CH_3	F	OH
XXV-44-7	^{t}Bu	H	H	$CH_2CH_2SCH_3$	Bz	H	CH_3	F	OH
XXV-44-8	^{t}Bu	*	H	*	Bz	H	CH_3	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXV-45.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXV-45-1	Ph	H	H	H	Bz	H	CH_3	F	OH
XXV-45-2	Ph	H	H	CH_3	Bz	H	CH_3	F	OH
XXV-45-3	Ph	H	H	$CH(CH_3)_2$	Bz	H	CH_3	F	OH
XXV-45-4	Ph	H	H	$CH_2CH(CH_3)_2$	Bz	H	CH_3	F	OH
XXV-45-5	Ph	H	H	CH_2Ph	Bz	H	CH_3	F	OH
XXV-45-6	Ph	H	H	CH_2-indol-3-yl	Bz	H	CH_3	F	OH
XXV-45-7	Ph	H	H	$CH_2CH_2SCH_3$	Bz	H	CH_3	F	OH
XXV-45-8	Ph	*	H	*	Bz	H	CH_3	F	OH

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*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXV-46.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXV-46-1	p-Me-Ph	H	H	H	Bz	H	CH_3	F	OH
XXV-46-2	p-Me-Ph	H	H	CH_3	Bz	H	CH_3	F	OH
XXV-46-3	p-Me-Ph	H	H	$CH(CH_3)_2$	Bz	H	CH_3	F	OH
XXV-46-4	p-Me-Ph	H	H	$CH_2CH(CH_3)_2$	Bz	H	CH_3	F	OH
XXV-46-5	p-Me-Ph	H	H	CH_2Ph	Bz	H	CH_3	F	OH
XXV-46-6	p-Me-Ph	H	H	CH_2-indol-3-yl	Bz	H	CH_3	F	OH
XXV-46-7	p-Me-Ph	H	H	$CH_2CH_2SCH_3$	Bz	H	CH_3	F	OH
XXV-46-8	p-Me-Ph	*	H	*	Bz	H	CH_3	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXV-47.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXV-47-1	p-F-Ph	H	H	H	Bz	H	CH_3	F	OH
XXV-47-2	p-F-Ph	H	H	CH_3	Bz	H	CH_3	F	OH
XXV-47-3	p-F-Ph	H	H	$CH(CH_3)_2$	Bz	H	CH_3	F	OH
XXV-47-4	p-F-Ph	H	H	$CH_2CH(CH_3)_2$	Bz	H	CH_3	F	OH
XXV-47-5	p-F-Ph	H	H	CH_2Ph	Bz	H	CH_3	F	OH
XXV-47-6	p-F-Ph	H	H	CH_2-indol-3-yl	Bz	H	CH_3	F	OH
XXV-47-7	p-F-Ph	H	H	$CH_2CH_2SCH_3$	Bz	H	CH_3	F	OH
XXV-47-8	p-F-Ph	*	H	*	Bz	H	CH_3	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXV-48.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXV-48-1	p-Cl-Ph	H	H	H	Bz	H	CH_3	F	OH
XXV-48-2	p-Cl-Ph	H	H	CH_3	Bz	H	CH_3	F	OH
XXV-48-3	p-Cl-Ph	H	H	$CH(CH_3)_2$	Bz	H	CH_3	F	OH
XXV-48-4	p-Cl-Ph	H	H	$CH_2CH(CH_3)_2$	Bz	H	CH_3	F	OH
XXV-48-5	p-Cl-Ph	H	H	CH_2Ph	Bz	H	CH_3	F	OH
XXV-48-6	p-Cl-Ph	H	H	CH_2-indol-3-yl	Bz	H	CH_3	F	OH
XXV-48-7	p-Cl-Ph	H	H	$CH_2CH_2SCH_3$	Bz	H	CH_3	F	OH

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№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXV-48-8	p-Cl-Ph	*	H	*	Bz	H	CH_3	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXV-49.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXV-49-1	p-Br-Ph	H	H	H	Bz	H	CH_3	F	OH
XXV-49-2	p-Br-Ph	H	H	CH_3	Bz	H	CH_3	F	OH
XXV-49-3	p-Br-Ph	H	H	$CH(CH_3)_2$	Bz	H	CH_3	F	OH
XXV-49-4	p-Br-Ph	H	H	$CH_2CH(CH_3)_2$	Bz	H	CH_3	F	OH
XXV-49-5	p-Br-Ph	H	H	CH_2Ph	Bz	H	CH_3	F	OH
XXV-49-6	p-Br-Ph	H	H	CH_2-indol-3-yl	Bz	H	CH_3	F	OH
XXV-49-7	p-Br-Ph	H	H	$CH_2CH_2SCH_3$	Bz	H	CH_3	F	OH
XXV-49-8	p-Br-Ph	*	H	*	Bz	H	CH_3	F	OH

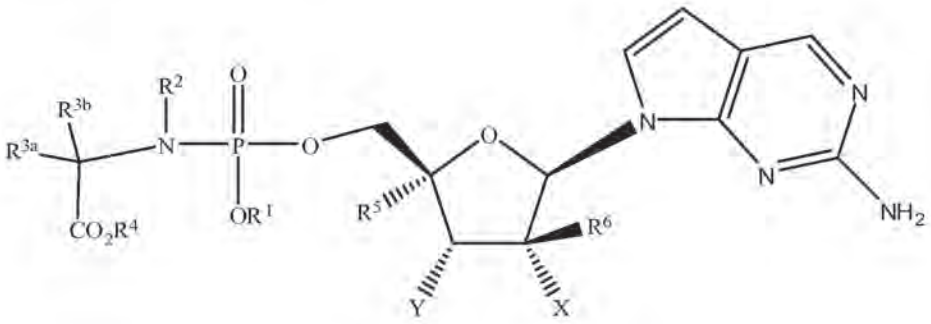
*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXV-50.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXV-50-1	p-I-Ph	H	H	H	Bz	H	CH_3	F	OH
XXV-50-2	p-I-Ph	H	H	CH_3	Bz	H	CH_3	F	OH
XXV-50-3	p-I-Ph	H	H	$CH(CH_3)_2$	Bz	H	CH_3	F	OH
XXV-50-4	p-I-Ph	H	H	$CH_2CH(CH_3)_2$	Bz	H	CH_3	F	OH
XXV-50-5	p-I-Ph	H	H	CH_2Ph	Bz	H	CH_3	F	OH
XXV-50-6	p-I-Ph	H	H	CH_2-indol-3-yl	Bz	H	CH_3	F	OH
XXV-50-7	p-I-Ph	H	H	$CH_2CH_2SCH_3$	Bz	H	CH_3	F	OH
XXV-50-8	p-I-Ph	*	H	*	Bz	H	CH_3	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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XXVI

Table XXVI-1.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXVI-1-1	CH_3	H	H	H	CH_3	H	F	H	OH
XXVI-1-2	CH_3	H	H	CH_3	CH_3	H	F	H	OH
XXVI-1-3	CH_3	H	H	$CH(CH_3)_2$	CH_3	H	F	H	OH
XXVI-1-4	CH_3	H	H	$CH_2CH(CH_3)_2$	CH_3	H	F	H	OH
XXVI-1-5	CH_3	H	H	CH_2Ph	CH_3	H	F	H	OH
XXVI-1-6	CH_3	H	H	CH_2-indol-3-yl	CH_3	H	F	H	OH
XXVI-1-7	CH_3	H	H	$CH_2CH_2SCH_3$	CH_3	H	F	H	OH
XXVI-1-8	CH_3	*	H	*	CH_3	H	F	H	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXVI-2.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXVI-2-1	Et	H	H	H	CH_3	H	F	H	OH
XXVI-2-2	Et	H	H	CH_3	CH_3	H	F	H	OH
XXVI-2-3	Et	H	H	$CH(CH_3)_2$	CH_3	H	F	H	OH
XXVI-2-4	Et	H	H	$CH_2CH(CH_3)_2$	CH_3	H	F	H	OH
XXVI-2-5	Et	H	H	CH_2Ph	CH_3	H	F	H	OH
XXVI-2-6	Et	H	H	CH_2-indol-3-yl	CH_3	H	F	H	OH
XXVI-2-7	Et	H	H	$CH_2CH_2SCH_3$	CH_3	H	F	H	OH
XXVI-2-8	Et	*	H	*	CH_3	H	F	H	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXVI-3.

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№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXVI-3-1	^{i}Pr	H	H	H	CH_3	H	F	H	OH
XXVI-3-2	^{i}Pr	H	H	CH_3	CH_3	H	F	H	OH
XXVI-3-3	^{i}Pr	H	H	$CH(CH_3)_2$	CH_3	H	F	H	OH
XXVI-3-4	^{i}Pr	H	H	$CH_2CH(CH_3)_2$	CH_3	H	F	H	OH
XXVI-3-5	^{i}Pr	H	H	CH_2Ph	CH_3	H	F	H	OH
XXVI-3-6	^{i}Pr	H	H	CH_2-indol-3-yl	CH_3	H	F	H	OH
XXVI-3-7	^{i}Pr	H	H	$CH_2CH_2SCH_3$	CH_3	H	F	H	OH
XXVI-3-8	^{i}Pr	*	H	*	CH_3	H	F	H	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXVI-4.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXVI-4-1	^{t}Bu	H	H	H	CH_3	H	F	H	OH
XXVI-4-2	^{t}Bu	H	H	CH_3	CH_3	H	F	H	OH
XXVI-4-3	^{t}Bu	H	H	$CH(CH_3)_2$	CH_3	H	F	H	OH
XXVI-4-4	^{t}Bu	H	H	$CH_2CH(CH_3)_2$	CH_3	H	F	H	OH
XXVI-4-5	^{t}Bu	H	H	CH_2Ph	CH_3	H	F	H	OH
XXVI-4-6	^{t}Bu	H	H	CH_2-indol-3-yl	CH_3	H	F	H	OH
XXVI-4-7	^{t}Bu	H	H	$CH_2CH_2SCH_3$	CH_3	H	F	H	OH
XXVI-4-8	^{t}Bu	*	H	*	CH_3	H	F	H	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXVI-5.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXVI-5-1	Ph	H	H	H	CH_3	H	F	H	OH
XXVI-5-2	Ph	H	H	CH_3	CH_3	H	F	H	OH
XXVI-5-3	Ph	H	H	$CH(CH_3)_2$	CH_3	H	F	H	OH
XXVI-5-4	Ph	H	H	$CH_2CH(CH_3)_2$	CH_3	H	F	H	OH
XXVI-5-5	Ph	H	H	CH_2Ph	CH_3	H	F	H	OH
XXVI-5-6	Ph	H	H	CH_2-indol-3-yl	CH_3	H	F	H	OH
XXVI-5-7	Ph	H	H	$CH_2CH_2SCH_3$	CH_3	H	F	H	OH
XXVI-5-8	Ph	*	H	*	CH_3	H	F	H	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XXVI-6.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXVI-6-1	p-Me-Ph	H	H	H	CH_3	H	F	H	OH
XXVI-6-2	p-Me-Ph	H	H	CH_3	CH_3	H	F	H	OH
XXVI-6-3	p-Me-Ph	H	H	$CH(CH_3)_2$	CH_3	H	F	H	OH
XXVI-6-4	p-Me-Ph	H	H	$CH_2CH(CH_3)_2$	CH_3	H	F	H	OH
XXVI-6-5	p-Me-Ph	H	H	CH_2Ph	CH_3	H	F	H	OH
XXVI-6-6	p-Me-Ph	H	H	CH_2-indol-3-yl	CH_3	H	F	H	OH
XXVI-6-7	p-Me-Ph	H	H	$CH_2CH_2SCH_3$	CH_3	H	F	H	OH
XXVI-6-8	p-Me-Ph	*	H	*	CH_3	H	F	H	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXVI-7.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXVI-7-1	p-F-Ph	H	H	H	CH_3	H	F	H	OH
XXVI-7-2	p-F-Ph	H	H	CH_3	CH_3	H	F	H	OH
XXVI-7-3	p-F-Ph	H	H	$CH(CH_3)_2$	CH_3	H	F	H	OH
XXVI-7-4	p-F-Ph	H	H	$CH_2CH(CH_3)_2$	CH_3	H	F	H	OH
XXVI-7-6	p-F-Ph	H	H	CH_2Ph	CH_3	H	F	H	OH
XXVI-7-7	p-F-Ph	H	H	CH_2-indol-3-yl	CH_3	H	F	H	OH
XXVI-7-8	p-F-Ph	H	H	$CH_2CH_2SCH_3$	CH_3	H	F	H	OH
XXVI-7-20	p-F-Ph	*	H	*	CH_3	H	F	H	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXVI-8.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXVI-8-1	p-Cl-Ph	H	H	H	CH_3	H	F	H	OH
XXVI-8-2	p-Cl-Ph	H	H	CH_3	CH_3	H	F	H	OH
XXVI-8-3	p-Cl-Ph	H	H	$CH(CH_3)_2$	CH_3	H	F	H	OH
XXVI-8-4	p-Cl-Ph	H	H	$CH_2CH(CH_3)_2$	CH_3	H	F	H	OH
XXVI-8-5	p-Cl-Ph	H	H	CH_2Ph	CH_3	H	F	H	OH
XXVI-8-6	p-Cl-Ph	H	H	CH_2-indol-3-yl	CH_3	H	F	H	OH
XXVI-8-7	p-Cl-Ph	H	H	$CH_2CH_2SCH_3$	CH_3	H	F	H	OH
XXVI-8-8	p-Cl-Ph	*	H	*	CH_3	H	F	H	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XXVI-9.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXVI-9-1	p-Br-Ph	H	H	H	CH_3	H	F	H	OH
XXVI-9-2	p-Br-Ph	H	H	CH_3	CH_3	H	F	H	OH
XXVI-9-3	p-Br-Ph	H	H	$CH(CH_3)_2$	CH_3	H	F	H	OH
XXVI-9-4	p-Br-Ph	H	H	$CH_2CH(CH_3)_2$	CH_3	H	F	H	OH
XXVI-9-6	p-Br-Ph	H	H	CH_2Ph	CH_3	H	F	H	OH
XXVI-9-7	p-Br-Ph	H	H	CH_2-indol-3-yl	CH_3	H	F	H	OH
XXVI-9-8	p-Br-Ph	H	H	$CH_2CH_2SCH_3$	CH_3	H	F	H	OH
XXVI-9-20	p-Br-Ph	*	H	*	CH_3	H	F	H	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXVI-10.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXVI-10-1	p-I-Ph	H	H	H	CH_3	H	F	H	OH
XXVI-10-2	p-I-Ph	H	H	CH_3	CH_3	H	F	H	OH
XXVI-10-3	p-I-Ph	H	H	$CH(CH_3)_2$	CH_3	H	F	H	OH
XXVI-10-4	p-I-Ph	H	H	$CH_2CH(CH_3)_2$	CH_3	H	F	H	OH
XXVI-10-5	p-I-Ph	H	H	CH_2Ph	CH_3	H	F	H	OH
XXVI-10-6	p-I-Ph	H	H	CH_2-indol-3-yl	CH_3	H	F	H	OH
XXVI-10-7	p-I-Ph	H	H	$CH_2CH_2SCH_3$	CH_3	H	F	H	OH
XXVI-10-8	p-I-Ph	*	H	*	CH_3	H	F	H	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXVI-11.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXVI-11-1	CH_3	H	H	H	Et	H	F	H	OH
XXVI-11-2	CH_3	H	H	CH_3	Et	H	F	H	OH
XXVI-11-3	CH_3	H	H	$CH(CH_3)_2$	Et	H	F	H	OH
XXVI-11-4	CH_3	H	H	$CH_2CH(CH_3)_2$	Et	H	F	H	OH
XXVI-11-5	CH_3	H	H	CH_2Ph	Et	H	F	H	OH
XXVI-11-6	CH_3	H	H	CH_2-indol-3-yl	Et	H	F	H	OH
XXVI-11-7	CH_3	H	H	$CH_2CH_2SCH_3$	Et	H	F	H	OH
XXVI-11-8	CH_3	*	H	*	Et	H	F	H	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XXVI-12.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXVI-12-1	Et	H	H	H	Et	H	F	H	OH
XXVI-12-2	Et	H	H	CH_3	Et	H	F	H	OH
XXVI-12-3	Et	H	H	$CH(CH_3)_2$	Et	H	F	H	OH
XXVI-12-4	Et	H	H	$CH_2CH(CH_3)_2$	Et	H	F	H	OH
XXVI-12-5	Et	H	H	CH_2Ph	Et	H	F	H	OH
XXVI-12-6	Et	H	H	CH_2-indol-3-yl	Et	H	F	H	OH
XXVI-12-7	Et	H	H	$CH_2CH_2SCH_3$	Et	H	F	H	OH
XXVI-12-8	Et	*	H	*	Et	H	F	H	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXVI-13.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXVI-13-1	^{i}Pr	H	H	H	Et	H	F	H	OH
XXVI-13-2	^{i}Pr	H	H	CH_3	Et	H	F	H	OH
XXVI-13-3	^{i}Pr	H	H	$CH(CH_3)_2$	Et	H	F	H	OH
XXVI-13-4	^{i}Pr	H	H	$CH_2CH(CH_3)_2$	Et	H	F	H	OH
XXVI-13-5	^{i}Pr	H	H	CH_2Ph	Et	H	F	H	OH
XXVI-13-6	^{i}Pr	H	H	CH_2-indol-3-yl	Et	H	F	H	OH
XXVI-13-7	^{i}Pr	H	H	$CH_2CH_2SCH_3$	Et	H	F	H	OH
XXVI-13-8	^{i}Pr	*	H	*	Et	H	F	H	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXVI-14.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXVI-14-1	^{t}Bu	H	H	H	Et	H	F	H	OH
XXVI-14-2	^{t}Bu	H	H	CH_3	Et	H	F	H	OH
XXVI-14-3	^{t}Bu	H	H	$CH(CH_3)_2$	Et	H	F	H	OH
XXVI-14-4	^{t}Bu	H	H	$CH_2CH(CH_3)_2$	Et	H	F	H	OH
XXVI-14-5	^{t}Bu	H	H	CH_2Ph	Et	H	F	H	OH
XXVI-14-6	^{t}Bu	H	H	CH_2-indol-3-yl	Et	H	F	H	OH
XXVI-14-7	^{t}Bu	H	H	$CH_2CH_2SCH_3$	Et	H	F	H	OH
XXVI-14-8	^{t}Bu	*	H	*	Et	H	F	H	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XXVI-15.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXVI-15-1	Ph	H	H	H	Et	H	F	H	OH
XXVI-15-2	Ph	H	H	CH_3	Et	H	F	H	OH
XXVI-15-3	Ph	H	H	$CH(CH_3)_2$	Et	H	F	H	OH
XXVI-15-4	Ph	H	H	$CH_2CH(CH_3)_2$	Et	H	F	H	OH
XXVI-15-5	Ph	H	H	CH_2Ph	Et	H	F	H	OH
XXVI-15-6	Ph	H	H	CH_2-indol-3-yl	Et	H	F	H	OH
XXVI-15-7	Ph	H	H	$CH_2CH_2SCH_3$	Et	H	F	H	OH
XXVI-15-8	Ph	*	H	*	Et	H	F	H	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXVI-16.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXVI-16-1	p-Me-Ph	H	H	H	Et	H	F	H	OH
XXVI-16-2	p-Me-Ph	H	H	CH_3	Et	H	F	H	OH
XXVI-16-3	p-Me-Ph	H	H	$CH(CH_3)_2$	Et	H	F	H	OH
XXVI-16-4	p-Me-Ph	H	H	$CH_2CH(CH_3)_2$	Et	H	F	H	OH
XXVI-16-5	p-Me-Ph	H	H	CH_2Ph	Et	H	F	H	OH
XXVI-16-6	p-Me-Ph	H	H	CH_2-indol-3-yl	Et	H	F	H	OH
XXVI-16-7	p-Me-Ph	H	H	$CH_2CH_2SCH_3$	Et	H	F	H	OH
XXVI-16-8	p-Me-Ph	*	H	*	Et	H	F	H	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXVI-17.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXVI-17-1	p-F-Ph	H	H	H	Et	H	F	H	OH
XXVI-17-2	p-F-Ph	H	H	CH_3	Et	H	F	H	OH
XXVI-17-3	p-F-Ph	H	H	$CH(CH_3)_2$	Et	H	F	H	OH
XXVI-17-4	p-F-Ph	H	H	$CH_2CH(CH_3)_2$	Et	H	F	H	OH
XXVI-17-5	p-F-Ph	H	H	CH_2Ph	Et	H	F	H	OH
XXVI-17-6	p-F-Ph	H	H	CH_2-indol-3-yl	Et	H	F	H	OH
XXVI-17-7	p-F-Ph	H	H	$CH_2CH_2SCH_3$	Et	H	F	H	OH
XXVI-17-8	p-F-Ph	*	H	*	Et	H	F	H	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XXVI-18.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXVI-18-1	p-Cl-Ph	H	H	H	Et	H	F	H	OH
XXVI-18-2	p-Cl-Ph	H	H	CH_3	Et	H	F	H	OH
XXVI-18-3	p-Cl-Ph	H	H	$CH(CH_3)_2$	Et	H	F	H	OH
XXVI-18-4	p-Cl-Ph	H	H	$CH_2CH(CH_3)_2$	Et	H	F	H	OH
XXVI-18-5	p-Cl-Ph	H	H	CH_2Ph	Et	H	F	H	OH
XXVI-18-6	p-Cl-Ph	H	H	CH_2-indol-3-yl	Et	H	F	H	OH
XXVI-18-7	p-Cl-Ph	H	H	$CH_2CH_2SCH_3$	Et	H	F	H	OH
XXVI-18-8	p-Cl-Ph	*	H	*	Et	H	F	H	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXVI-19.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXVI-19-1	p-Br-Ph	H	H	H	Et	H	F	H	OH
XXVI-19-2	p-Br-Ph	H	H	CH_3	Et	H	F	H	OH
XXVI-19-3	p-Br-Ph	H	H	$CH(CH_3)_2$	Et	H	F	H	OH
XXVI-19-4	p-Br-Ph	H	H	$CH_2CH(CH_3)_2$	Et	H	F	H	OH
XXVI-19-5	p-Br-Ph	H	H	CH_2Ph	Et	H	F	H	OH
XXVI-19-6	p-Br-Ph	H	H	CH_2-indol-3-yl	Et	H	F	H	OH
XXVI-19-7	p-Br-Ph	H	H	$CH_2CH_2SCH_3$	Et	H	F	H	OH
XXVI-19-8	p-Br-Ph	*	H	*	Et	H	F	H	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXVI-20.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXVI-20-1	p-I-Ph	H	H	H	Et	H	F	H	OH
XXVI-20-2	p-I-Ph	H	H	CH_3	Et	H	F	H	OH
XXVI-20-3	p-I-Ph	H	H	$CH(CH_3)_2$	Et	H	F	H	OH
XXVI-20-4	p-I-Ph	H	H	$CH_2CH(CH_3)_2$	Et	H	F	H	OH
XXVI-20-5	p-I-Ph	H	H	CH_2Ph	Et	H	F	H	OH
XXVI-20-6	p-I-Ph	H	H	CH_2-indol-3-yl	Et	H	F	H	OH
XXVI-20-7	p-I-Ph	H	H	$CH_2CH_2SCH_3$	Et	H	F	H	OH
XXVI-20-8	p-I-Ph	*	H	*	Et	H	F	H	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XXVI-21.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXVI-21-1	CH_3	H	H	H	^{i}Pr	H	F	H	OH
XXVI-21-2	CH_3	H	H	CH_3	^{i}Pr	H	F	H	OH
XXVI-21-3	CH_3	H	H	$CH(CH_3)_2$	^{i}Pr	H	F	H	OH
XXVI-21-4	CH_3	H	H	$CH_2CH(CH_3)_2$	^{i}Pr	H	F	H	OH
XXVI-21-5	CH_3	H	H	CH_2Ph	^{i}Pr	H	F	H	OH
XXVI-21-6	CH_3	H	H	CH_2-indol-3-yl	^{i}Pr	H	F	H	OH
XXVI-21-7	CH_3	H	H	$CH_2CH_2SCH_3$	^{i}Pr	H	F	H	OH
XXVI-21-8	CH_3	*	H	*	^{i}Pr	H	F	H	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXVI-22.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXVI-22-1	Et	H	H	H	^{i}Pr	H	F	H	OH
XXVI-22-2	Et	H	H	CH_3	^{i}Pr	H	F	H	OH
XXVI-22-3	Et	H	H	$CH(CH_3)_2$	^{i}Pr	H	F	H	OH
XXVI-22-4	Et	H	H	$CH_2CH(CH_3)_2$	^{i}Pr	H	F	H	OH
XXVI-22-5	Et	H	H	CH_2Ph	^{i}Pr	H	F	H	OH
XXVI-22-6	Et	H	H	CH_2-indol-3-yl	^{i}Pr	H	F	H	OH
XXVI-22-7	Et	H	H	$CH_2CH_2SCH_3$	^{i}Pr	H	F	H	OH
XXVI-22-8	Et	*	H	*	^{i}Pr	H	F	H	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXVI-23.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXVI-23-1	^{i}Pr	H	H	H	^{i}Pr	H	F	H	OH
XXVI-23-2	^{i}Pr	H	H	CH_3	^{i}Pr	H	F	H	OH
XXVI-23-3	^{i}Pr	H	H	$CH(CH_3)_2$	^{i}Pr	H	F	H	OH
XXVI-23-4	^{i}Pr	H	H	$CH_2CH(CH_3)_2$	^{i}Pr	H	F	H	OH
XXVI-23-5	^{i}Pr	H	H	CH_2Ph	^{i}Pr	H	F	H	OH
XXVI-23-6	^{i}Pr	H	H	CH_2-indol-3-yl	^{i}Pr	H	F	H	OH
XXVI-23-7	^{i}Pr	H	H	$CH_2CH_2SCH_3$	^{i}Pr	H	F	H	OH
XXVI-23-8	^{i}Pr	*	H	*	^{i}Pr	H	F	H	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XXVI-24.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXVI-24-1	^{t}Bu	H	H	H	^{i}Pr	H	F	H	OH
XXVI-24-2	^{t}Bu	H	H	CH_3	^{i}Pr	H	F	H	OH
XXVI-24-3	^{t}Bu	H	H	$CH(CH_3)_2$	^{i}Pr	H	F	H	OH
XXVI-24-4	^{t}Bu	H	H	$CH_2CH(CH_3)_2$	^{i}Pr	H	F	H	OH
XXVI-24-5	^{t}Bu	H	H	CH_2Ph	^{i}Pr	H	F	H	OH
XXVI-24-6	^{t}Bu	H	H	CH_2-indol-3-yl	^{i}Pr	H	F	H	OH
XXVI-24-7	^{t}Bu	H	H	$CH_2CH_2SCH_3$	^{i}Pr	H	F	H	OH
XXVI-24-8	^{t}Bu	*	H	*	^{i}Pr	H	F	H	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXVI-25.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXVI-25-1	Ph	H	H	H	^{i}Pr	H	F	H	OH
XXVI-25-2	Ph	H	H	CH_3	^{i}Pr	H	F	H	OH
XXVI-25-3	Ph	H	H	$CH(CH_3)_2$	^{i}Pr	H	F	H	OH
XXVI-25-4	Ph	H	H	$CH_2CH(CH_3)_2$	^{i}Pr	H	F	H	OH
XXVI-25-5	Ph	H	H	CH_2Ph	^{i}Pr	H	F	H	OH
XXVI-25-6	Ph	H	H	CH_2-indol-3-yl	^{i}Pr	H	F	H	OH
XXVI-25-7	Ph	H	H	$CH_2CH_2SCH_3$	^{i}Pr	H	F	H	OH
XXVI-25-8	Ph	*	H	*	^{i}Pr	H	F	H	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXVI-26.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXVI-26-1	p-Me-Ph	H	H	H	^{i}Pr	H	F	H	OH
XXVI-26-2	p-Me-Ph	H	H	CH_3	^{i}Pr	H	F	H	OH
XXVI-26-3	p-Me-Ph	H	H	$CH(CH_3)_2$	^{i}Pr	H	F	H	OH
XXVI-26-4	p-Me-Ph	H	H	$CH_2CH(CH_3)_2$	^{i}Pr	H	F	H	OH
XXVI-26-5	p-Me-Ph	H	H	CH_2Ph	^{i}Pr	H	F	H	OH
XXVI-26-6	p-Me-Ph	H	H	CH_2-indol-3-yl	^{i}Pr	H	F	H	OH
XXVI-26-7	p-Me-Ph	H	H	$CH_2CH_2SCH_3$	^{i}Pr	H	F	H	OH
XXVI-26-8	p-Me-Ph	*	H	*	^{i}Pr	H	F	H	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XXVI-27.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXVI-27-1	p-F-Ph	H	H	H	^{i}Pr	H	F	H	OH
XXVI-27-2	p-F-Ph	H	H	CH_3	^{i}Pr	H	F	H	OH
XXVI-27-3	p-F-Ph	H	H	$CH(CH_3)_2$	^{i}Pr	H	F	H	OH
XXVI-27-4	p-F-Ph	H	H	$CH_2CH(CH_3)_2$	^{i}Pr	H	F	H	OH
XXVI-27-5	p-F-Ph	H	H	CH_2Ph	^{i}Pr	H	F	H	OH
XXVI-27-6	p-F-Ph	H	H	CH_2-indol-3-yl	^{i}Pr	H	F	H	OH
XXVI-27-7	p-F-Ph	H	H	$CH_2CH_2SCH_3$	^{i}Pr	H	F	H	OH
XXVI-27-8	p-F-Ph	*	H	*	^{i}Pr	H	F	H	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXVI-28.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXVI-28-1	p-Cl-Ph	H	H	H	^{i}Pr	H	F	H	OH
XXVI-28-2	p-Cl-Ph	H	H	CH_3	^{i}Pr	H	F	H	OH
XXVI-28-3	p-Cl-Ph	H	H	$CH(CH_3)_2$	^{i}Pr	H	F	H	OH
XXVI-28-4	p-Cl-Ph	H	H	$CH_2CH(CH_3)_2$	^{i}Pr	H	F	H	OH
XXVI-28-5	p-Cl-Ph	H	H	CH_2Ph	^{i}Pr	H	F	H	OH
XXVI-28-6	p-Cl-Ph	H	H	CH_2-indol-3-yl	^{i}Pr	H	F	H	OH
XXVI-28-7	p-Cl-Ph	H	H	$CH_2CH_2SCH_3$	^{i}Pr	H	F	H	OH
XXVI-28-8	p-Cl-Ph	*	H	*	^{i}Pr	H	F	H	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXVI-29.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXVI-29-1	p-Br-Ph	H	H	H	^{i}Pr	H	F	H	OH
XXVI-29-2	p-Br-Ph	H	H	CH_3	^{i}Pr	H	F	H	OH
XXVI-29-3	p-Br-Ph	H	H	$CH(CH_3)_2$	^{i}Pr	H	F	H	OH
XXVI-29-4	p-Br-Ph	H	H	$CH_2CH(CH_3)_2$	^{i}Pr	H	F	H	OH
XXVI-29-5	p-Br-Ph	H	H	CH_2Ph	^{i}Pr	H	F	H	OH
XXVI-29-6	p-Br-Ph	H	H	CH_2-indol-3-yl	^{i}Pr	H	F	H	OH
XXVI-29-7	p-Br-Ph	H	H	$CH_2CH_2SCH_3$	^{i}Pr	H	F	H	OH
XXVI-29-8	p-Br-Ph	*	H	*	^{i}Pr	H	F	H	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XXVI-30.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXVI-30-1	p-I-Ph	H	H	H	^{i}Pr	H	F	H	OH
XXVI-30-2	p-I-Ph	H	H	CH_3	^{i}Pr	H	F	H	OH
XXVI-30-3	p-I-Ph	H	H	$CH(CH_3)_2$	^{i}Pr	H	F	H	OH
XXVI-30-4	p-I-Ph	H	H	$CH_2CH(CH_3)_2$	^{i}Pr	H	F	H	OH
XXVI-30-5	p-I-Ph	H	H	CH_2Ph	^{i}Pr	H	F	H	OH
XXVI-30-6	p-I-Ph	H	H	CH_2-indol-3-yl	^{i}Pr	H	F	H	OH
XXVI-30-7	p-I-Ph	H	H	$CH_2CH_2SCH_3$	^{i}Pr	H	F	H	OH
XXVI-30-8	p-I-Ph	*	H	*	^{i}Pr	H	F	H	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXVI-31.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXVI-31-1	CH_3	H	H	H	^{n}Bu	H	F	H	OH
XXVI-31-2	CH_3	H	H	CH_3	^{n}Bu	H	F	H	OH
XXVI-31-3	CH_3	H	H	$CH(CH_3)_2$	^{n}Bu	H	F	H	OH
XXVI-31-4	CH_3	H	H	$CH_2CH(CH_3)_2$	^{n}Bu	H	F	H	OH
XXVI-31-5	CH_3	H	H	CH_2Ph	^{n}Bu	H	F	H	OH
XXVI-31-6	CH_3	H	H	CH_2-indol-3-yl	^{n}Bu	H	F	H	OH
XXVI-31-7	CH_3	H	H	$CH_2CH_2SCH_3$	^{n}Bu	H	F	H	OH
XXVI-31-8	CH_3	*	H	*	^{n}Bu	H	F	H	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXVI-32.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXVI-32-1	Et	H	H	H	^{n}Bu	H	F	H	OH
XXVI-32-2	Et	H	H	CH_3	^{n}Bu	H	F	H	OH
XXVI-32-3	Et	H	H	$CH(CH_3)_2$	^{n}Bu	H	F	H	OH
XXVI-32-4	Et	H	H	$CH_2CH(CH_3)_2$	^{n}Bu	H	F	H	OH
XXVI-32-5	Et	H	H	CH_2Ph	^{n}Bu	H	F	H	OH
XXVI-32-6	Et	H	H	CH_2-indol-3-yl	^{n}Bu	H	F	H	OH
XXVI-32-7	Et	H	H	$CH_2CH_2SCH_3$	^{n}Bu	H	F	H	OH
XXVI-32-8	Et	*	H	*	^{n}Bu	H	F	H	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XXVI-33.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXVI-33-1	^{i}Pr	H	H	H	^{n}Bu	H	F	H	OH
XXVI-33-2	^{i}Pr	H	H	CH_3	^{n}Bu	H	F	H	OH
XXVI-33-3	^{i}Pr	H	H	$CH(CH_3)_2$	^{n}Bu	H	F	H	OH
XXVI-33-4	^{i}Pr	H	H	$CH_2CH(CH_3)_2$	^{n}Bu	H	F	H	OH
XXVI-33-5	^{i}Pr	H	H	CH_2Ph	^{n}Bu	H	F	H	OH
XXVI-33-6	^{i}Pr	H	H	CH_2-indol-3-yl	^{n}Bu	H	F	H	OH
XXVI-33-7	^{i}Pr	H	H	$CH_2CH_2SCH_3$	^{n}Bu	H	F	H	OH
XXVI-33-8	^{i}Pr	*	H	*	^{n}Bu	H	F	H	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXVI-34.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXVI-34-1	^{t}Bu	H	H	H	^{n}Bu	H	F	H	OH
XXVI-34-2	^{t}Bu	H	H	CH_3	^{n}Bu	H	F	H	OH
XXVI-34-3	^{t}Bu	H	H	$CH(CH_3)_2$	^{n}Bu	H	F	H	OH
XXVI-34-4	^{t}Bu	H	H	$CH_2CH(CH_3)_2$	^{n}Bu	H	F	H	OH
XXVI-34-5	^{t}Bu	H	H	CH_2Ph	^{n}Bu	H	F	H	OH
XXVI-34-6	^{t}Bu	H	H	CH_2-indol-3-yl	^{n}Bu	H	F	H	OH
XXVI-34-7	^{t}Bu	H	H	$CH_2CH_2SCH_3$	^{n}Bu	H	F	H	OH
XXVI-34-8	^{t}Bu	*	H	*	^{n}Bu	H	F	H	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXVI-35.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXVI-35-1	Ph	H	H	H	^{n}Bu	H	F	H	OH
XXVI-35-2	Ph	H	H	CH_3	^{n}Bu	H	F	H	OH
XXVI-35-3	Ph	H	H	$CH(CH_3)_2$	^{n}Bu	H	F	H	OH
XXVI-35-4	Ph	H	H	$CH_2CH(CH_3)_2$	^{n}Bu	H	F	H	OH
XXVI-35-5	Ph	H	H	CH_2Ph	^{n}Bu	H	F	H	OH
XXVI-35-6	Ph	H	H	CH_2-indol-3-yl	^{n}Bu	H	F	H	OH
XXVI-35-7	Ph	H	H	$CH_2CH_2SCH_3$	^{n}Bu	H	F	H	OH
XXVI-35-8	Ph	*	H	*	^{n}Bu	H	F	H	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XXVI-36.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXVI-36-1	p-Me-Ph	H	H	H	^{n}Bu	H	F	H	OH
XXVI-36-2	p-Me-Ph	H	H	CH_3	^{n}Bu	H	F	H	OH
XXVI-36-3	p-Me-Ph	H	H	$CH(CH_3)_2$	^{n}Bu	H	F	H	OH
XXVI-36-4	p-Me-Ph	H	H	$CH_2CH(CH_3)_2$	^{n}Bu	H	F	H	OH
XXVI-36-5	p-Me-Ph	H	H	CH_2Ph	^{n}Bu	H	F	H	OH
XXVI-36-6	p-Me-Ph	H	H	CH_2-indol-3-yl	^{n}Bu	H	F	H	OH
XXVI-36-7	p-Me-Ph	H	H	$CH_2CH_2SCH_3$	^{n}Bu	H	F	H	OH
XXVI-36-8	p-Me-Ph	*	H	*	^{n}Bu	H	F	H	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXVI-37.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXVI-37-1	p-F-Ph	H	H	H	^{n}Bu	H	F	H	OH
XXVI-37-2	p-F-Ph	H	H	CH_3	^{n}Bu	H	F	H	OH
XXVI-37-3	p-F-Ph	H	H	$CH(CH_3)_2$	^{n}Bu	H	F	H	OH
XXVI-37-4	p-F-Ph	H	H	$CH_2CH(CH_3)_2$	^{n}Bu	H	F	H	OH
XXVI-37-5	p-F-Ph	H	H	CH_2Ph	^{n}Bu	H	F	H	OH
XXVI-37-6	p-F-Ph	H	H	CH_2-indol-3-yl	^{n}Bu	H	F	H	OH
XXVI-37-7	p-F-Ph	H	H	$CH_2CH_2SCH_3$	^{n}Bu	H	F	H	OH
XXVI-37-8	p-F-Ph	*	H	*	^{n}Bu	H	F	H	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXVI-38.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXVI-38-1	p-Cl-Ph	H	H	H	^{n}Bu	H	F	H	OH
XXVI-38-2	p-Cl-Ph	H	H	CH_3	^{n}Bu	H	F	H	OH
XXVI-38-3	p-Cl-Ph	H	H	$CH(CH_3)_2$	^{n}Bu	H	F	H	OH
XXVI-38-4	p-Cl-Ph	H	H	$CH_2CH(CH_3)_2$	^{n}Bu	H	F	H	OH
XXVI-38-5	p-Cl-Ph	H	H	CH_2Ph	^{n}Bu	H	F	H	OH
XXVI-38-6	p-Cl-Ph	H	H	CH_2-indol-3-yl	^{n}Bu	H	F	H	OH
XXVI-38-7	p-Cl-Ph	H	H	$CH_2CH_2SCH_3$	^{n}Bu	H	F	H	OH
XXVI-38-8	p-Cl-Ph	*	H	*	^{n}Bu	H	F	H	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XXVI-39.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXVI-39-1	p-Br-Ph	H	H	H	^{n}Bu	H	F	H	OH
XXVI-39-2	p-Br-Ph	H	H	CH_3	^{n}Bu	H	F	H	OH
XXVI-39-3	p-Br-Ph	H	H	$CH(CH_3)_2$	^{n}Bu	H	F	H	OH
XXVI-39-4	p-Br-Ph	H	H	$CH_2CH(CH_3)_2$	^{n}Bu	H	F	H	OH
XXVI-39-5	p-Br-Ph	H	H	CH_2Ph	^{n}Bu	H	F	H	OH
XXVI-39-6	p-Br-Ph	H	H	CH_2-indol-3-yl	^{n}Bu	H	F	H	OH
XXVI-39-7	p-Br-Ph	H	H	$CH_2CH_2SCH_3$	^{n}Bu	H	F	H	OH
XXVI-39-8	p-Br-Ph	*	H	*	^{n}Bu	H	F	H	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXVI-40.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXVI-40-1	p-I-Ph	H	H	H	^{n}Bu	H	F	H	OH
XXVI-40-2	p-I-Ph	H	H	CH_3	^{n}Bu	H	F	H	OH
XXVI-40-3	p-I-Ph	H	H	$CH(CH_3)_2$	^{n}Bu	H	F	H	OH
XXVI-40-4	p-I-Ph	H	H	$CH_2CH(CH_3)_2$	^{n}Bu	H	F	H	OH
XXVI-40-5	p-I-Ph	H	H	CH_2Ph	^{n}Bu	H	F	H	OH
XXVI-40-6	p-I-Ph	H	H	CH_2-indol-3-yl	^{n}Bu	H	F	H	OH
XXVI-40-7	p-I-Ph	H	H	$CH_2CH_2SCH_3$	^{n}Bu	H	F	H	OH
XXVI-40-8	p-I-Ph	*	H	*	^{n}Bu	H	F	H	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXVI-41.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXVI-41-1	CH_3	H	H	H	Bz	H	F	H	OH
XXVI-41-2	CH_3	H	H	CH_3	Bz	H	F	H	OH
XXVI-41-3	CH_3	H	H	$CH(CH_3)_2$	Bz	H	F	H	OH
XXVI-41-4	CH_3	H	H	$CH_2CH(CH_3)_2$	Bz	H	F	H	OH
XXVI-41-5	CH_3	H	H	CH_2Ph	Bz	H	F	H	OH
XXVI-41-6	CH_3	H	H	CH_2-indol-3-yl	Bz	H	F	H	OH
XXVI-41-7	CH_3	H	H	$CH_2CH_2SCH_3$	Bz	H	F	H	OH
XXVI-41-8	CH_3	*	H	*	Bz	H	F	H	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XXVI-42.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXVI-42-1	Et	H	H	H	Bz	H	F	H	OH
XXVI-42-2	Et	H	H	CH_3	Bz	H	F	H	OH
XXVI-42-3	Et	H	H	$CH(CH_3)_2$	Bz	H	F	H	OH
XXVI-42-4	Et	H	H	$CH_2CH(CH_3)_2$	Bz	H	F	H	OH
XXVI-42-5	Et	H	H	CH_2Ph	Bz	H	F	H	OH
XXVI-42-6	Et	H	H	CH_2-indol-3-yl	Bz	H	F	H	OH
XXVI-42-7	Et	H	H	$CH_2CH_2SCH_3$	Bz	H	F	H	OH
XXVI-42-8	Et	*	H	*	Bz	H	F	H	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXVI-43.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXVI-43-1	^{i}Pr	H	H	H	Bz	H	F	H	OH
XXVI-43-2	^{i}Pr	H	H	CH_3	Bz	H	F	H	OH
XXVI-43-3	^{i}Pr	H	H	$CH(CH_3)_2$	Bz	H	F	H	OH
XXVI-43-4	^{i}Pr	H	H	$CH_2CH(CH_3)_2$	Bz	H	F	H	OH
XXVI-43-5	^{i}Pr	H	H	CH_2Ph	Bz	H	F	H	OH
XXVI-43-6	^{i}Pr	H	H	CH_2-indol-3-yl	Bz	H	F	H	OH
XXVI-43-7	^{i}Pr	H	H	$CH_2CH_2SCH_3$	Bz	H	F	H	OH
XXVI-43-8	^{i}Pr	*	H	*	Bz	H	F	H	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXVI-44.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXVI-44-1	^{t}Bu	H	H	H	Bz	H	F	H	OH
XXVI-44-2	^{t}Bu	H	H	CH_3	Bz	H	F	H	OH
XXVI-44-3	^{t}Bu	H	H	$CH(CH_3)_2$	Bz	H	F	H	OH
XXVI-44-4	^{t}Bu	H	H	$CH_2CH(CH_3)_2$	Bz	H	F	H	OH
XXVI-44-5	^{t}Bu	H	H	CH_2Ph	Bz	H	F	H	OH
XXVI-44-6	^{t}Bu	H	H	CH_2-indol-3-yl	Bz	H	F	H	OH
XXVI-44-7	^{t}Bu	H	H	$CH_2CH_2SCH_3$	Bz	H	F	H	OH
XXVI-44-8	^{t}Bu	*	H	*	Bz	H	F	H	OH

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*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXVI-45.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXVI-45-1	Ph	H	H	H	Bz	H	F	H	OH
XXVI-45-2	Ph	H	H	CH_3	Bz	H	F	H	OH
XXVI-45-3	Ph	H	H	$CH(CH_3)_2$	Bz	H	F	H	OH
XXVI-45-4	Ph	H	H	$CH_2CH(CH_3)_2$	Bz	H	F	H	OH
XXVI-45-5	Ph	H	H	CH_2Ph	Bz	H	F	H	OH
XXVI-45-6	Ph	H	H	CH_2-indol-3-yl	Bz	H	F	H	OH
XXVI-45-7	Ph	H	H	$CH_2CH_2SCH_3$	Bz	H	F	H	OH
XXVI-45-8	Ph	*	H	*	Bz	H	F	H	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXVI-46.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXVI-46-1	p-Me-Ph	H	H	H	Bz	H	F	H	OH
XXVI-46-2	p-Me-Ph	H	H	CH_3	Bz	H	F	H	OH
XXVI-46-3	p-Me-Ph	H	H	$CH(CH_3)_2$	Bz	H	F	H	OH
XXVI-46-4	p-Me-Ph	H	H	$CH_2CH(CH_3)_2$	Bz	H	F	H	OH
XXVI-46-5	p-Me-Ph	H	H	CH_2Ph	Bz	H	F	H	OH
XXVI-46-6	p-Me-Ph	H	H	CH_2-indol-3-yl	Bz	H	F	H	OH
XXVI-46-7	p-Me-Ph	H	H	$CH_2CH_2SCH_3$	Bz	H	F	H	OH
XXVI-46-8	p-Me-Ph	*	H	*	Bz	H	F	H	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXVI-47.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXVI-47-1	p-F-Ph	H	H	H	Bz	H	F	H	OH
XXVI-47-2	p-F-Ph	H	H	CH_3	Bz	H	F	H	OH
XXVI-47-3	p-F-Ph	H	H	$CH(CH_3)_2$	Bz	H	F	H	OH
XXVI-47-4	p-F-Ph	H	H	$CH_2CH(CH_3)_2$	Bz	H	F	H	OH
XXVI-47-5	p-F-Ph	H	H	CH_2Ph	Bz	H	F	H	OH
XXVI-47-6	p-F-Ph	H	H	CH_2-indol-3-yl	Bz	H	F	H	OH
XXVI-47-7	p-F-Ph	H	H	$CH_2CH_2SCH_3$	Bz	H	F	H	OH

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№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXVI-47-8	p-F-Ph	*	H	*	Bz	H	F	H	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXVI-48.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXVI-48-1	p-Cl-Ph	H	H	H	Bz	H	F	H	OH
XXVI-48-2	p-Cl-Ph	H	H	CH_3	Bz	H	F	H	OH
XXVI-48-3	p-Cl-Ph	H	H	$CH(CH_3)_2$	Bz	H	F	H	OH
XXVI-48-4	p-Cl-Ph	H	H	$CH_2CH(CH_3)_2$	Bz	H	F	H	OH
XXVI-48-5	p-Cl-Ph	H	H	CH_2Ph	Bz	H	F	H	OH
XXVI-48-6	p-Cl-Ph	H	H	CH_2-indol-3-yl	Bz	H	F	H	OH
XXVI-48-7	p-Cl-Ph	H	H	$CH_2CH_2SCH_3$	Bz	H	F	H	OH
XXVI-48-8	p-Cl-Ph	*	H	*	Bz	H	F	H	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXVI-49.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXVI-49-1	p-Br-Ph	H	H	H	Bz	H	F	H	OH
XXVI-49-2	p-Br-Ph	H	H	CH_3	Bz	H	F	H	OH
XXVI-49-3	p-Br-Ph	H	H	$CH(CH_3)_2$	Bz	H	F	H	OH
XXVI-49-4	p-Br-Ph	H	H	$CH_2CH(CH_3)_2$	Bz	H	F	H	OH
XXVI-49-5	p-Br-Ph	H	H	CH_2Ph	Bz	H	F	H	OH
XXVI-49-6	p-Br-Ph	H	H	CH_2-indol-3-yl	Bz	H	F	H	OH
XXVI-49-7	p-Br-Ph	H	H	$CH_2CH_2SCH_3$	Bz	H	F	H	OH
XXVI-49-8	p-Br-Ph	*	H	*	Bz	H	F	H	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

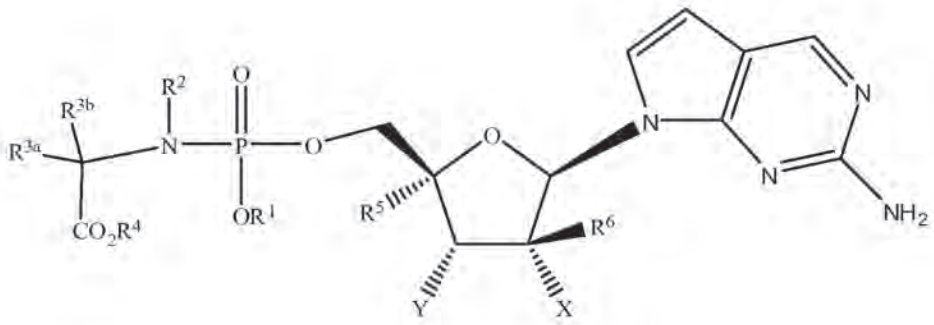
Table XXVI-50.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXVI-50-1	p-I-Ph	H	H	H	Bz	H	F	H	OH
XXVI-50-2	p-I-Ph	H	H	CH_3	Bz	H	F	H	OH
XXVI-50-3	p-I-Ph	H	H	$CH(CH_3)_2$	Bz	H	F	H	OH
XXVI-50-4	p-I-Ph	H	H	$CH_2CH(CH_3)_2$	Bz	H	F	H	OH
XXVI-50-5	p-I-Ph	H	H	CH_2Ph	Bz	H	F	H	OH

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№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXVI-50-6	p-I-Ph	H	H	CH_2-indol-3-yl	Bz	H	F	H	OH
XXVI-50-7	p-I-Ph	H	H	$CH_2CH_2SCH_3$	Bz	H	F	H	OH
XXVI-50-8	p-I-Ph	*	H	*	Bz	H	F	H	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.



XXVII

Table XXVII-1.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXVII-1-1	CH_3	H	H	H	CH_3	H	F	F	OH
XXVII-1-2	CH_3	H	H	CH_3	CH_3	H	F	F	OH
XXVII-1-3	CH_3	H	H	$CH(CH_3)_2$	CH_3	H	F	F	OH
XXVII-1-4	CH_3	H	H	$CH_2CH(CH_3)_2$	CH_3	H	F	F	OH
XXVII-1-5	CH_3	H	H	CH_2Ph	CH_3	H	F	F	OH
XXVII-1-6	CH_3	H	H	CH_2-indol-3-yl	CH_3	H	F	F	OH
XXVII-1-7	CH_3	H	H	$CH_2CH_2SCH_3$	CH_3	H	F	F	OH
XXVII-1-8	CH_3	*	H	*	CH_3	H	F	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXVII-2.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXVII-2-1	Et	H	H	H	CH_3	H	F	F	OH
XXVII-2-2	Et	H	H	CH_3	CH_3	H	F	F	OH
XXVII-2-3	Et	H	H	$CH(CH_3)_2$	CH_3	H	F	F	OH
XXVII-2-4	Et	H	H	$CH_2CH(CH_3)_2$	CH_3	H	F	F	OH

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№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXVII-2-5	Et	H	H	CH_2Ph	CH_3	H	F	F	OH
XXVII-2-6	Et	H	H	CH_2-indol-3-yl	CH_3	H	F	F	OH
XXVII-2-7	Et	H	H	$CH_2CH_2SCH_3$	CH_3	H	F	F	OH
XXVII-2-8	Et	*	H	*	CH_3	H	F	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXVII-3.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXVII-3-1	^{i}Pr	H	H	H	CH_3	H	F	F	OH
XXVII-3-2	^{i}Pr	H	H	CH_3	CH_3	H	F	F	OH
XXVII-3-3	^{i}Pr	H	H	$CH(CH_3)_2$	CH_3	H	F	F	OH
XXVII-3-4	^{i}Pr	H	H	$CH_2CH(CH_3)_2$	CH_3	H	F	F	OH
XXVII-3-5	^{i}Pr	H	H	CH_2Ph	CH_3	H	F	F	OH
XXVII-3-6	^{i}Pr	H	H	CH_2-indol-3-yl	CH_3	H	F	F	OH
XXVII-3-7	^{i}Pr	H	H	$CH_2CH_2SCH_3$	CH_3	H	F	F	OH
XXVII-3-8	^{i}Pr	*	H	*	CH_3	H	F	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXVII-4.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXVII-4-1	^{t}Bu	H	H	H	CH_3	H	F	F	OH
XXVII-4-2	^{t}Bu	H	H	CH_3	CH_3	H	F	F	OH
XXVII-4-3	^{t}Bu	H	H	$CH(CH_3)_2$	CH_3	H	F	F	OH
XXVII-4-4	^{t}Bu	H	H	$CH_2CH(CH_3)_2$	CH_3	H	F	F	OH
XXVII-4-5	^{t}Bu	H	H	CH_2Ph	CH_3	H	F	F	OH
XXVII-4-6	^{t}Bu	H	H	CH_2-indol-3-yl	CH_3	H	F	F	OH
XXVII-4-7	^{t}Bu	H	H	$CH_2CH_2SCH_3$	CH_3	H	F	F	OH
XXVII-4-8	^{t}Bu	*	H	*	CH_3	H	F	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXVII-5.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXVII-5-1	Ph	H	H	H	CH_3	H	F	F	OH
XXVII-5-2	Ph	H	H	CH_3	CH_3	H	F	F	OH

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№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXVII-5-3	Ph	H	H	$CH(CH_3)_2$	CH_3	H	F	F	OH
XXVII-5-4	Ph	H	H	$CH_2CH(CH_3)_2$	CH_3	H	F	F	OH
XXVII-5-5	Ph	H	H	CH_2Ph	CH_3	H	F	F	OH
XXVII-5-6	Ph	H	H	CH_2-indol-3-yl	CH_3	H	F	F	OH
XXVII-5-7	Ph	H	H	$CH_2CH_2SCH_3$	CH_3	H	F	F	OH
XXVII-5-8	Ph	*	H	*	CH_3	H	F	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXVII-6.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXVII-6-1	p-Me-Ph	H	H	H	CH_3	H	F	F	OH
XXVII-6-2	p-Me-Ph	H	H	CH_3	CH_3	H	F	F	OH
XXVII-6-3	p-Me-Ph	H	H	$CH(CH_3)_2$	CH_3	H	F	F	OH
XXVII-6-4	p-Me-Ph	H	H	$CH_2CH(CH_3)_2$	CH_3	H	F	F	OH
XXVII-6-5	p-Me-Ph	H	H	CH_2Ph	CH_3	H	F	F	OH
XXVII-6-6	p-Me-Ph	H	H	CH_2-indol-3-yl	CH_3	H	F	F	OH
XXVII-6-7	p-Me-Ph	H	H	$CH_2CH_2SCH_3$	CH_3	H	F	F	OH
XXVII-6-8	p-Me-Ph	*	H	*	CH_3	H	F	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXVII-7.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXVII-7-1	p-F-Ph	H	H	H	CH_3	H	F	F	OH
XXVII-7-2	p-F-Ph	H	H	CH_3	CH_3	H	F	F	OH
XXVII-7-3	p-F-Ph	H	H	$CH(CH_3)_2$	CH_3	H	F	F	OH
XXVII-7-4	p-F-Ph	H	H	$CH_2CH(CH_3)_2$	CH_3	H	F	F	OH
XXVII-7-6	p-F-Ph	H	H	CH_2Ph	CH_3	H	F	F	OH
XXVII-7-7	p-F-Ph	H	H	CH_2-indol-3-yl	CH_3	H	F	F	OH
XXVII-7-8	p-F-Ph	H	H	$CH_2CH_2SCH_3$	CH_3	H	F	F	OH
XXVII-7-20	p-F-Ph	*	H	*	CH_3	H	F	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXVII-8.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y

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№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXVII-8-1	p-Cl-Ph	H	H	H	CH_3	H	F	F	OH
XXVII-8-2	p-Cl-Ph	H	H	CH_3	CH_3	H	F	F	OH
XXVII-8-3	p-Cl-Ph	H	H	$CH(CH_3)_2$	CH_3	H	F	F	OH
XXVII-8-4	p-Cl-Ph	H	H	$CH_2CH(CH_3)_2$	CH_3	H	F	F	OH
XXVII-8-5	p-Cl-Ph	H	H	CH_2Ph	CH_3	H	F	F	OH
XXVII-8-6	p-Cl-Ph	H	H	CH_2-indol-3-yl	CH_3	H	F	F	OH
XXVII-8-7	p-Cl-Ph	H	H	$CH_2CH_2SCH_3$	CH_3	H	F	F	OH
XXVII-8-8	p-Cl-Ph	*	H	*	CH_3	H	F	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXVII-9.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXVII-9-1	p-Br-Ph	H	H	H	CH_3	H	F	F	OH
XXVII-9-2	p-Br-Ph	H	H	CH_3	CH_3	H	F	F	OH
XXVII-9-3	p-Br-Ph	H	H	$CH(CH_3)_2$	CH_3	H	F	F	OH
XXVII-9-4	p-Br-Ph	H	H	$CH_2CH(CH_3)_2$	CH_3	H	F	F	OH
XXVII-9-6	p-Br-Ph	H	H	CH_2Ph	CH_3	H	F	F	OH
XXVII-9-7	p-Br-Ph	H	H	CH_2-indol-3-yl	CH_3	H	F	F	OH
XXVII-9-8	p-Br-Ph	H	H	$CH_2CH_2SCH_3$	CH_3	H	F	F	OH
XXVII-9-20	p-Br-Ph	*	H	*	CH_3	H	F	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXVII-10.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXVII-10-1	p-I-Ph	H	H	H	CH_3	H	F	F	OH
XXVII-10-2	p-I-Ph	H	H	CH_3	CH_3	H	F	F	OH
XXVII-10-3	p-I-Ph	H	H	$CH(CH_3)_2$	CH_3	H	F	F	OH
XXVII-10-4	p-I-Ph	H	H	$CH_2CH(CH_3)_2$	CH_3	H	F	F	OH
XXVII-10-5	p-I-Ph	H	H	CH_2Ph	CH_3	H	F	F	OH
XXVII-10-6	p-I-Ph	H	H	CH_2-indol-3-yl	CH_3	H	F	F	OH
XXVII-10-7	p-I-Ph	H	H	$CH_2CH_2SCH_3$	CH_3	H	F	F	OH
XXVII-10-8	p-I-Ph	*	H	*	CH_3	H	F	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XXVII-11.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXVII-11-1	CH_3	H	H	H	Et	H	F	F	OH
XXVII-11-2	CH_3	H	H	CH_3	Et	H	F	F	OH
XXVII-11-3	CH_3	H	H	$CH(CH_3)_2$	Et	H	F	F	OH
XXVII-11-4	CH_3	H	H	$CH_2CH(CH_3)_2$	Et	H	F	F	OH
XXVII-11-5	CH_3	H	H	CH_2Ph	Et	H	F	F	OH
XXVII-11-6	CH_3	H	H	CH_2-indol-3-yl	Et	H	F	F	OH
XXVII-11-7	CH_3	H	H	$CH_2CH_2SCH_3$	Et	H	F	F	OH
XXVII-11-8	CH_3	*	H	*	Et	H	F	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXVII-12.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXVII-12-1	Et	H	H	H	Et	H	F	F	OH
XXVII-12-2	Et	H	H	CH_3	Et	H	F	F	OH
XXVII-12-3	Et	H	H	$CH(CH_3)_2$	Et	H	F	F	OH
XXVII-12-4	Et	H	H	$CH_2CH(CH_3)_2$	Et	H	F	F	OH
XXVII-12-5	Et	H	H	CH_2Ph	Et	H	F	F	OH
XXVII-12-6	Et	H	H	CH_2-indol-3-yl	Et	H	F	F	OH
XXVII-12-7	Et	H	H	$CH_2CH_2SCH_3$	Et	H	F	F	OH
XXVII-12-8	Et	*	H	*	Et	H	F	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXVII-13.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXVII-13-1	^{i}Pr	H	H	H	Et	H	F	F	OH
XXVII-13-2	^{i}Pr	H	H	CH_3	Et	H	F	F	OH
XXVII-13-3	^{i}Pr	H	H	$CH(CH_3)_2$	Et	H	F	F	OH
XXVII-13-4	^{i}Pr	H	H	$CH_2CH(CH_3)_2$	Et	H	F	F	OH
XXVII-13-5	^{i}Pr	H	H	CH_2Ph	Et	H	F	F	OH
XXVII-13-6	^{i}Pr	H	H	CH_2-indol-3-yl	Et	H	F	F	OH
XXVII-13-7	^{i}Pr	H	H	$CH_2CH_2SCH_3$	Et	H	F	F	OH
XXVII-13-8	^{i}Pr	*	H	*	Et	H	F	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XXVII-14.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXVII-14-1	^{t}Bu	H	H	H	Et	H	F	F	OH
XXVII-14-2	^{t}Bu	H	H	CH_3	Et	H	F	F	OH
XXVII-14-3	^{t}Bu	H	H	$CH(CH_3)_2$	Et	H	F	F	OH
XXVII-14-4	^{t}Bu	H	H	$CH_2CH(CH_3)_2$	Et	H	F	F	OH
XXVII-14-5	^{t}Bu	H	H	CH_2Ph	Et	H	F	F	OH
XXVII-14-6	^{t}Bu	H	H	CH_2-indol-3-yl	Et	H	F	F	OH
XXVII-14-7	^{t}Bu	H	H	$CH_2CH_2SCH_3$	Et	H	F	F	OH
XXVII-14-8	^{t}Bu	*	H	*	Et	H	F	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXVII-15.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXVII-15-1	Ph	H	H	H	Et	H	F	F	OH
XXVII-15-2	Ph	H	H	CH_3	Et	H	F	F	OH
XXVII-15-3	Ph	H	H	$CH(CH_3)_2$	Et	H	F	F	OH
XXVII-15-4	Ph	H	H	$CH_2CH(CH_3)_2$	Et	H	F	F	OH
XXVII-15-5	Ph	H	H	CH_2Ph	Et	H	F	F	OH
XXVII-15-6	Ph	H	H	CH_2-indol-3-yl	Et	H	F	F	OH
XXVII-15-7	Ph	H	H	$CH_2CH_2SCH_3$	Et	H	F	F	OH
XXVII-15-8	Ph	*	H	*	Et	H	F	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXVII-16.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXVII-16-1	p-Me-Ph	H	H	H	Et	H	F	F	OH
XXVII-16-2	p-Me-Ph	H	H	CH_3	Et	H	F	F	OH
XXVII-16-3	p-Me-Ph	H	H	$CH(CH_3)_2$	Et	H	F	F	OH
XXVII-16-4	p-Me-Ph	H	H	$CH_2CH(CH_3)_2$	Et	H	F	F	OH
XXVII-16-5	p-Me-Ph	H	H	CH_2Ph	Et	H	F	F	OH
XXVII-16-6	p-Me-Ph	H	H	CH_2-indol-3-yl	Et	H	F	F	OH
XXVII-16-7	p-Me-Ph	H	H	$CH_2CH_2SCH_3$	Et	H	F	F	OH
XXVII-16-8	p-Me-Ph	*	H	*	Et	H	F	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XXVII-17.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXVII-17-1	p-F-Ph	H	H	H	Et	H	F	F	OH
XXVII-17-2	p-F-Ph	H	H	CH_3	Et	H	F	F	OH
XXVII-17-3	p-F-Ph	H	H	$CH(CH_3)_2$	Et	H	F	F	OH
XXVII-17-4	p-F-Ph	H	H	$CH_2CH(CH_3)_2$	Et	H	F	F	OH
XXVII-17-5	p-F-Ph	H	H	CH_2Ph	Et	H	F	F	OH
XXVII-17-6	p-F-Ph	H	H	CH_2-indol-3-yl	Et	H	F	F	OH
XXVII-17-7	p-F-Ph	H	H	$CH_2CH_2SCH_3$	Et	H	F	F	OH
XXVII-17-8	p-F-Ph	*	H	*	Et	H	F	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXVII-18.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXVII-18-1	p-Cl-Ph	H	H	H	Et	H	F	F	OH
XXVII-18-2	p-Cl-Ph	H	H	CH_3	Et	H	F	F	OH
XXVII-18-3	p-Cl-Ph	H	H	$CH(CH_3)_2$	Et	H	F	F	OH
XXVII-18-4	p-Cl-Ph	H	H	$CH_2CH(CH_3)_2$	Et	H	F	F	OH
XXVII-18-5	p-Cl-Ph	H	H	CH_2Ph	Et	H	F	F	OH
XXVII-18-6	p-Cl-Ph	H	H	CH_2-indol-3-yl	Et	H	F	F	OH
XXVII-18-7	p-Cl-Ph	H	H	$CH_2CH_2SCH_3$	Et	H	F	F	OH
XXVII-18-8	p-Cl-Ph	*	H	*	Et	H	F	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXVII-19.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXVII-19-1	p-Br-Ph	H	H	H	Et	H	F	F	OH
XXVII-19-2	p-Br-Ph	H	H	CH_3	Et	H	F	F	OH
XXVII-19-3	p-Br-Ph	H	H	$CH(CH_3)_2$	Et	H	F	F	OH
XXVII-19-4	p-Br-Ph	H	H	$CH_2CH(CH_3)_2$	Et	H	F	F	OH
XXVII-19-5	p-Br-Ph	H	H	CH_2Ph	Et	H	F	F	OH
XXVII-19-6	p-Br-Ph	H	H	CH_2-indol-3-yl	Et	H	F	F	OH
XXVII-19-7	p-Br-Ph	H	H	$CH_2CH_2SCH_3$	Et	H	F	F	OH
XXVII-19-8	p-Br-Ph	*	H	*	Et	H	F	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XXVII-20.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXVII-20-1	p-I-Ph	H	H	H	Et	H	F	F	OH
XXVII-20-2	p-I-Ph	H	H	CH_3	Et	H	F	F	OH
XXVII-20-3	p-I-Ph	H	H	$CH(CH_3)_2$	Et	H	F	F	OH
XXVII-20-4	p-I-Ph	H	H	$CH_2CH(CH_3)_2$	Et	H	F	F	OH
XXVII-20-5	p-I-Ph	H	H	CH_2Ph	Et	H	F	F	OH
XXVII-20-6	p-I-Ph	H	H	CH_2-indol-3-yl	Et	H	F	F	OH
XXVII-20-7	p-I-Ph	H	H	$CH_2CH_2SCH_3$	Et	H	F	F	OH
XXVII-20-8	p-I-Ph	*	H	*	Et	H	F	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXVII-21.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXVII-21-1	CH_3	H	H	H	^{i}Pr	H	F	F	OH
XXVII-21-2	CH_3	H	H	CH_3	^{i}Pr	H	F	F	OH
XXVII-21-3	CH_3	H	H	$CH(CH_3)_2$	^{i}Pr	H	F	F	OH
XXVII-21-4	CH_3	H	H	$CH_2CH(CH_3)_2$	^{i}Pr	H	F	F	OH
XXVII-21-5	CH_3	H	H	CH_2Ph	^{i}Pr	H	F	F	OH
XXVII-21-6	CH_3	H	H	CH_2-indol-3-yl	^{i}Pr	H	F	F	OH
XXVII-21-7	CH_3	H	H	$CH_2CH_2SCH_3$	^{i}Pr	H	F	F	OH
XXVII-21-8	CH_3	*	H	*	^{i}Pr	H	F	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXVII-22.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXVII-22-1	Et	H	H	H	^{i}Pr	H	F	F	OH
XXVII-22-2	Et	H	H	CH_3	^{i}Pr	H	F	F	OH
XXVII-22-3	Et	H	H	$CH(CH_3)_2$	^{i}Pr	H	F	F	OH
XXVII-22-4	Et	H	H	$CH_2CH(CH_3)_2$	^{i}Pr	H	F	F	OH
XXVII-22-5	Et	H	H	CH_2Ph	^{i}Pr	H	F	F	OH
XXVII-22-6	Et	H	H	CH_2-indol-3-yl	^{i}Pr	H	F	F	OH
XXVII-22-7	Et	H	H	$CH_2CH_2SCH_3$	^{i}Pr	H	F	F	OH
XXVII-22-8	Et	*	H	*	^{i}Pr	H	F	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XXVII-23.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXVII-23-1	^{i}Pr	H	H	H	^{i}Pr	H	F	F	OH
XXVII-23-2	^{i}Pr	H	H	CH_3	^{i}Pr	H	F	F	OH
XXVII-23-3	^{i}Pr	H	H	$CH(CH_3)_2$	^{i}Pr	H	F	F	OH
XXVII-23-4	^{i}Pr	H	H	$CH_2CH(CH_3)_2$	^{i}Pr	H	F	F	OH
XXVII-23-5	^{i}Pr	H	H	CH_2Ph	^{i}Pr	H	F	F	OH
XXVII-23-6	^{i}Pr	H	H	CH_2-indol-3-yl	^{i}Pr	H	F	F	OH
XXVII-23-7	^{i}Pr	H	H	$CH_2CH_2SCH_3$	^{i}Pr	H	F	F	OH
XXVII-23-8	^{i}Pr	*	H	*	^{i}Pr	H	F	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXVII-24.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXVII-24-1	^{t}Bu	H	H	H	^{i}Pr	H	F	F	OH
XXVII-24-2	^{t}Bu	H	H	CH_3	^{i}Pr	H	F	F	OH
XXVII-24-3	^{t}Bu	H	H	$CH(CH_3)_2$	^{i}Pr	H	F	F	OH
XXVII-24-4	^{t}Bu	H	H	$CH_2CH(CH_3)_2$	^{i}Pr	H	F	F	OH
XXVII-24-5	^{t}Bu	H	H	CH_2Ph	^{i}Pr	H	F	F	OH
XXVII-24-6	^{t}Bu	H	H	CH_2-indol-3-yl	^{i}Pr	H	F	F	OH
XXVII-24-7	^{t}Bu	H	H	$CH_2CH_2SCH_3$	^{i}Pr	H	F	F	OH
XXVII-24-8	^{t}Bu	*	H	*	^{i}Pr	H	F	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXVII-25.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXVII-25-1	Ph	H	H	H	^{i}Pr	H	F	F	OH
XXVII-25-2	Ph	H	H	CH_3	^{i}Pr	H	F	F	OH
XXVII-25-3	Ph	H	H	$CH(CH_3)_2$	^{i}Pr	H	F	F	OH
XXVII-25-4	Ph	H	H	$CH_2CH(CH_3)_2$	^{i}Pr	H	F	F	OH
XXVII-25-5	Ph	H	H	CH_2Ph	^{i}Pr	H	F	F	OH
XXVII-25-6	Ph	H	H	CH_2-indol-3-yl	^{i}Pr	H	F	F	OH
XXVII-25-7	Ph	H	H	$CH_2CH_2SCH_3$	^{i}Pr	H	F	F	OH
XXVII-25-8	Ph	*	H	*	^{i}Pr	H	F	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XXVII-26.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXVII-26-1	p-Me-Ph	H	H	H	^{i}Pr	H	F	F	OH
XXVII-26-2	p-Me-Ph	H	H	CH_3	^{i}Pr	H	F	F	OH
XXVII-26-3	p-Me-Ph	H	H	$CH(CH_3)_2$	^{i}Pr	H	F	F	OH
XXVII-26-4	p-Me-Ph	H	H	$CH_2CH(CH_3)_2$	^{i}Pr	H	F	F	OH
XXVII-26-5	p-Me-Ph	H	H	CH_2Ph	^{i}Pr	H	F	F	OH
XXVII-26-6	p-Me-Ph	H	H	CH_2-indol-3-yl	^{i}Pr	H	F	F	OH
XXVII-26-7	p-Me-Ph	H	H	$CH_2CH_2SCH_3$	^{i}Pr	H	F	F	OH
XXVII-26-8	p-Me-Ph	*	H	*	^{i}Pr	H	F	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXVII-27.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXVII-27-1	p-F-Ph	H	H	H	^{i}Pr	H	F	F	OH
XXVII-27-2	p-F-Ph	H	H	CH_3	^{i}Pr	H	F	F	OH
XXVII-27-3	p-F-Ph	H	H	$CH(CH_3)_2$	^{i}Pr	H	F	F	OH
XXVII-27-4	p-F-Ph	H	H	$CH_2CH(CH_3)_2$	^{i}Pr	H	F	F	OH
XXVII-27-5	p-F-Ph	H	H	CH_2Ph	^{i}Pr	H	F	F	OH
XXVII-27-6	p-F-Ph	H	H	CH_2-indol-3-yl	^{i}Pr	H	F	F	OH
XXVII-27-7	p-F-Ph	H	H	$CH_2CH_2SCH_3$	^{i}Pr	H	F	F	OH
XXVII-27-8	p-F-Ph	*	H	*	^{i}Pr	H	F	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXVII-28.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXVII-28-1	p-Cl-Ph	H	H	H	^{i}Pr	H	F	F	OH
XXVII-28-2	p-Cl-Ph	H	H	CH_3	^{i}Pr	H	F	F	OH
XXVII-28-3	p-Cl-Ph	H	H	$CH(CH_3)_2$	^{i}Pr	H	F	F	OH
XXVII-28-4	p-Cl-Ph	H	H	$CH_2CH(CH_3)_2$	^{i}Pr	H	F	F	OH
XXVII-28-5	p-Cl-Ph	H	H	CH_2Ph	^{i}Pr	H	F	F	OH
XXVII-28-6	p-Cl-Ph	H	H	CH_2-indol-3-yl	^{i}Pr	H	F	F	OH
XXVII-28-7	p-Cl-Ph	H	H	$CH_2CH_2SCH_3$	^{i}Pr	H	F	F	OH
XXVII-28-8	p-Cl-Ph	*	H	*	^{i}Pr	H	F	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XXVII-29.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXVII-29-1	p-Br-Ph	H	H	H	^{i}Pr	H	F	F	OH
XXVII-29-2	p-Br-Ph	H	H	CH_3	^{i}Pr	H	F	F	OH
XXVII-29-3	p-Br-Ph	H	H	$CH(CH_3)_2$	^{i}Pr	H	F	F	OH
XXVII-29-4	p-Br-Ph	H	H	$CH_2CH(CH_3)_2$	^{i}Pr	H	F	F	OH
XXVII-29-5	p-Br-Ph	H	H	CH_2Ph	^{i}Pr	H	F	F	OH
XXVII-29-6	p-Br-Ph	H	H	CH_2-indol-3-yl	^{i}Pr	H	F	F	OH
XXVII-29-7	p-Br-Ph	H	H	$CH_2CH_2SCH_3$	^{i}Pr	H	F	F	OH
XXVII-29-8	p-Br-Ph	*	H	*	^{i}Pr	H	F	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXVII-30.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXVII-30-1	p-I-Ph	H	H	H	^{i}Pr	H	F	F	OH
XXVII-30-2	p-I-Ph	H	H	CH_3	^{i}Pr	H	F	F	OH
XXVII-30-3	p-I-Ph	H	H	$CH(CH_3)_2$	^{i}Pr	H	F	F	OH
XXVII-30-4	p-I-Ph	H	H	$CH_2CH(CH_3)_2$	^{i}Pr	H	F	F	OH
XXVII-30-5	p-I-Ph	H	H	CH_2Ph	^{i}Pr	H	F	F	OH
XXVII-30-6	p-I-Ph	H	H	CH_2-indol-3-yl	^{i}Pr	H	F	F	OH
XXVII-30-7	p-I-Ph	H	H	$CH_2CH_2SCH_3$	^{i}Pr	H	F	F	OH
XXVII-30-8	p-I-Ph	*	H	*	^{i}Pr	H	F	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXVII-31.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXVII-31-1	CH_3	H	H	H	^{n}Bu	H	F	F	OH
XXVII-31-2	CH_3	H	H	CH_3	^{n}Bu	H	F	F	OH
XXVII-31-3	CH_3	H	H	$CH(CH_3)_2$	^{n}Bu	H	F	F	OH
XXVII-31-4	CH_3	H	H	$CH_2CH(CH_3)_2$	^{n}Bu	H	F	F	OH
XXVII-31-5	CH_3	H	H	CH_2Ph	^{n}Bu	H	F	F	OH
XXVII-31-6	CH_3	H	H	CH_2-indol-3-yl	^{n}Bu	H	F	F	OH
XXVII-31-7	CH_3	H	H	$CH_2CH_2SCH_3$	^{n}Bu	H	F	F	OH
XXVII-31-8	CH_3	*	H	*	^{n}Bu	H	F	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XXVII-32.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXVII-32-1	Et	H	H	H	^{n}Bu	H	F	F	OH
XXVII-32-2	Et	H	H	CH_3	^{n}Bu	H	F	F	OH
XXVII-32-3	Et	H	H	$CH(CH_3)_2$	^{n}Bu	H	F	F	OH
XXVII-32-4	Et	H	H	$CH_2CH(CH_3)_2$	^{n}Bu	H	F	F	OH
XXVII-32-5	Et	H	H	CH_2Ph	^{n}Bu	H	F	F	OH
XXVII-32-6	Et	H	H	CH_2-indol-3-yl	^{n}Bu	H	F	F	OH
XXVII-32-7	Et	H	H	$CH_2CH_2SCH_3$	^{n}Bu	H	F	F	OH
XXVII-32-8	Et	*	H	*	^{n}Bu	H	F	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXVII-33.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXVII-33-1	^{i}Pr	H	H	H	^{n}Bu	H	F	F	OH
XXVII-33-2	^{i}Pr	H	H	CH_3	^{n}Bu	H	F	F	OH
XXVII-33-3	^{i}Pr	H	H	$CH(CH_3)_2$	^{n}Bu	H	F	F	OH
XXVII-33-4	^{i}Pr	H	H	$CH_2CH(CH_3)_2$	^{n}Bu	H	F	F	OH
XXVII-33-5	^{i}Pr	H	H	CH_2Ph	^{n}Bu	H	F	F	OH
XXVII-33-6	^{i}Pr	H	H	CH_2-indol-3-yl	^{n}Bu	H	F	F	OH
XXVII-33-7	^{i}Pr	H	H	$CH_2CH_2SCH_3$	^{n}Bu	H	F	F	OH
XXVII-33-8	^{i}Pr	*	H	*	^{n}Bu	H	F	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXVII-34.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXVII-34-1	^{t}Bu	H	H	H	^{n}Bu	H	F	F	OH
XXVII-34-2	^{t}Bu	H	H	CH_3	^{n}Bu	H	F	F	OH
XXVII-34-3	^{t}Bu	H	H	$CH(CH_3)_2$	^{n}Bu	H	F	F	OH
XXVII-34-4	^{t}Bu	H	H	$CH_2CH(CH_3)_2$	^{n}Bu	H	F	F	OH
XXVII-34-5	^{t}Bu	H	H	CH_2Ph	^{n}Bu	H	F	F	OH
XXVII-34-6	^{t}Bu	H	H	CH_2-indol-3-yl	^{n}Bu	H	F	F	OH
XXVII-34-7	^{t}Bu	H	H	$CH_2CH_2SCH_3$	^{n}Bu	H	F	F	OH
XXVII-34-8	^{t}Bu	*	H	*	^{n}Bu	H	F	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XXVII-35.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXVII-35-1	Ph	H	H	H	^{n}Bu	H	F	F	OH
XXVII-35-2	Ph	H	H	CH_3	^{n}Bu	H	F	F	OH
XXVII-35-3	Ph	H	H	$CH(CH_3)_2$	^{n}Bu	H	F	F	OH
XXVII-35-4	Ph	H	H	$CH_2CH(CH_3)_2$	^{n}Bu	H	F	F	OH
XXVII-35-5	Ph	H	H	CH_2Ph	^{n}Bu	H	F	F	OH
XXVII-35-6	Ph	H	H	CH_2-indol-3-yl	^{n}Bu	H	F	F	OH
XXVII-35-7	Ph	H	H	$CH_2CH_2SCH_3$	^{n}Bu	H	F	F	OH
XXVII-35-8	Ph	*	H	*	^{n}Bu	H	F	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXVII-36.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXVII-36-1	p-Me-Ph	H	H	H	^{n}Bu	H	F	F	OH
XXVII-36-2	p-Me-Ph	H	H	CH_3	^{n}Bu	H	F	F	OH
XXVII-36-3	p-Me-Ph	H	H	$CH(CH_3)_2$	^{n}Bu	H	F	F	OH
XXVII-36-4	p-Me-Ph	H	H	$CH_2CH(CH_3)_2$	^{n}Bu	H	F	F	OH
XXVII-36-5	p-Me-Ph	H	H	CH_2Ph	^{n}Bu	H	F	F	OH
XXVII-36-6	p-Me-Ph	H	H	CH_2-indol-3-yl	^{n}Bu	H	F	F	OH
XXVII-36-7	p-Me-Ph	H	H	$CH_2CH_2SCH_3$	^{n}Bu	H	F	F	OH
XXVII-36-8	p-Me-Ph	*	H	*	^{n}Bu	H	F	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXVII-37.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXVII-37-1	p-F-Ph	H	H	H	^{n}Bu	H	F	F	OH
XXVII-37-2	p-F-Ph	H	H	CH_3	^{n}Bu	H	F	F	OH
XXVII-37-3	p-F-Ph	H	H	$CH(CH_3)_2$	^{n}Bu	H	F	F	OH
XXVII-37-4	p-F-Ph	H	H	$CH_2CH(CH_3)_2$	^{n}Bu	H	F	F	OH
XXVII-37-5	p-F-Ph	H	H	CH_2Ph	^{n}Bu	H	F	F	OH
XXVII-37-6	p-F-Ph	H	H	CH_2-indol-3-yl	^{n}Bu	H	F	F	OH
XXVII-37-7	p-F-Ph	H	H	$CH_2CH_2SCH_3$	^{n}Bu	H	F	F	OH
XXVII-37-8	p-F-Ph	*	H	*	^{n}Bu	H	F	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XXVII-38.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXVII-38-1	p-Cl-Ph	H	H	H	^{n}Bu	H	F	F	OH
XXVII-38-2	p-Cl-Ph	H	H	CH_3	^{n}Bu	H	F	F	OH
XXVII-38-3	p-Cl-Ph	H	H	$CH(CH_3)_2$	^{n}Bu	H	F	F	OH
XXVII-38-4	p-Cl-Ph	H	H	$CH_2CH(CH_3)_2$	^{n}Bu	H	F	F	OH
XXVII-38-5	p-Cl-Ph	H	H	CH_2Ph	^{n}Bu	H	F	F	OH
XXVII-38-6	p-Cl-Ph	H	H	CH_2-indol-3-yl	^{n}Bu	H	F	F	OH
XXVII-38-7	p-Cl-Ph	H	H	$CH_2CH_2SCH_3$	^{n}Bu	H	F	F	OH
XXVII-38-8	p-Cl-Ph	*	H	*	^{n}Bu	H	F	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXVII-39.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXVII-39-1	p-Br-Ph	H	H	H	^{n}Bu	H	F	F	OH
XXVII-39-2	p-Br-Ph	H	H	CH_3	^{n}Bu	H	F	F	OH
XXVII-39-3	p-Br-Ph	H	H	$CH(CH_3)_2$	^{n}Bu	H	F	F	OH
XXVII-39-4	p-Br-Ph	H	H	$CH_2CH(CH_3)_2$	^{n}Bu	H	F	F	OH
XXVII-39-5	p-Br-Ph	H	H	CH_2Ph	^{n}Bu	H	F	F	OH
XXVII-39-6	p-Br-Ph	H	H	CH_2-indol-3-yl	^{n}Bu	H	F	F	OH
XXVII-39-7	p-Br-Ph	H	H	$CH_2CH_2SCH_3$	^{n}Bu	H	F	F	OH
XXVII-39-8	p-Br-Ph	*	H	*	^{n}Bu	H	F	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXVII-40.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXVII-40-1	p-I-Ph	H	H	H	^{n}Bu	H	F	F	OH
XXVII-40-2	p-I-Ph	H	H	CH_3	^{n}Bu	H	F	F	OH
XXVII-40-3	p-I-Ph	H	H	$CH(CH_3)_2$	^{n}Bu	H	F	F	OH
XXVII-40-4	p-I-Ph	H	H	$CH_2CH(CH_3)_2$	^{n}Bu	H	F	F	OH
XXVII-40-5	p-I-Ph	H	H	CH_2Ph	^{n}Bu	H	F	F	OH
XXVII-40-6	p-I-Ph	H	H	CH_2-indol-3-yl	^{n}Bu	H	F	F	OH
XXVII-40-7	p-I-Ph	H	H	$CH_2CH_2SCH_3$	^{n}Bu	H	F	F	OH
XXVII-40-8	p-I-Ph	*	H	*	^{n}Bu	H	F	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XXVII-41.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXVII-41-1	CH_3	H	H	H	Bz	H	F	F	OH
XXVII-41-2	CH_3	H	H	CH_3	Bz	H	F	F	OH
XXVII-41-3	CH_3	H	H	$CH(CH_3)_2$	Bz	H	F	F	OH
XXVII-41-4	CH_3	H	H	$CH_2CH(CH_3)_2$	Bz	H	F	F	OH
XXVII-41-5	CH_3	H	H	CH_2Ph	Bz	H	F	F	OH
XXVII-41-6	CH_3	H	H	CH_2-indol-3-yl	Bz	H	F	F	OH
XXVII-41-7	CH_3	H	H	$CH_2CH_2SCH_3$	Bz	H	F	F	OH
XXVII-41-8	CH_3	*	H	*	Bz	H	F	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXVII-42.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXVII-42-1	Et	H	H	H	Bz	H	F	F	OH
XXVII-42-2	Et	H	H	CH_3	Bz	H	F	F	OH
XXVII-42-3	Et	H	H	$CH(CH_3)_2$	Bz	H	F	F	OH
XXVII-42-4	Et	H	H	$CH_2CH(CH_3)_2$	Bz	H	F	F	OH
XXVII-42-5	Et	H	H	CH_2Ph	Bz	H	F	F	OH
XXVII-42-6	Et	H	H	CH_2-indol-3-yl	Bz	H	F	F	OH
XXVII-42-7	Et	H	H	$CH_2CH_2SCH_3$	Bz	H	F	F	OH
XXVII-42-8	Et	*	H	*	Bz	H	F	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXVII-43.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXVII-43-1	^{i}Pr	H	H	H	Bz	H	F	F	OH
XXVII-43-2	^{i}Pr	H	H	CH_3	Bz	H	F	F	OH
XXVII-43-3	^{i}Pr	H	H	$CH(CH_3)_2$	Bz	H	F	F	OH
XXVII-43-4	^{i}Pr	H	H	$CH_2CH(CH_3)_2$	Bz	H	F	F	OH
XXVII-43-5	^{i}Pr	H	H	CH_2Ph	Bz	H	F	F	OH
XXVII-43-6	^{i}Pr	H	H	CH_2-indol-3-yl	Bz	H	F	F	OH
XXVII-43-7	^{i}Pr	H	H	$CH_2CH_2SCH_3$	Bz	H	F	F	OH
XXVII-43-8	^{i}Pr	*	H	*	Bz	H	F	F	OH

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*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXVII-44.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXVII-44-1	^{t}Bu	H	H	H	Bz	H	F	F	OH
XXVII-44-2	^{t}Bu	H	H	CH_3	Bz	H	F	F	OH
XXVII-44-3	^{t}Bu	H	H	$CH(CH_3)_2$	Bz	H	F	F	OH
XXVII-44-4	^{t}Bu	H	H	$CH_2CH(CH_3)_2$	Bz	H	F	F	OH
XXVII-44-5	^{t}Bu	H	H	CH_2Ph	Bz	H	F	F	OH
XXVII-44-6	^{t}Bu	H	H	CH_2-indol-3-yl	Bz	H	F	F	OH
XXVII-44-7	^{t}Bu	H	H	$CH_2CH_2SCH_3$	Bz	H	F	F	OH
XXVII-44-8	^{t}Bu	*	H	*	Bz	H	F	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXVII-45.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXVII-45-1	Ph	H	H	H	Bz	H	F	F	OH
XXVII-45-2	Ph	H	H	CH_3	Bz	H	F	F	OH
XXVII-45-3	Ph	H	H	$CH(CH_3)_2$	Bz	H	F	F	OH
XXVII-45-4	Ph	H	H	$CH_2CH(CH_3)_2$	Bz	H	F	F	OH
XXVII-45-5	Ph	H	H	CH_2Ph	Bz	H	F	F	OH
XXVII-45-6	Ph	H	H	CH_2-indol-3-yl	Bz	H	F	F	OH
XXVII-45-7	Ph	H	H	$CH_2CH_2SCH_3$	Bz	H	F	F	OH
XXVII-45-8	Ph	*	H	*	Bz	H	F	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXVII-46.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXVII-46-1	p-Me-Ph	H	H	H	Bz	H	F	F	OH
XXVII-46-2	p-Me-Ph	H	H	CH_3	Bz	H	F	F	OH
XXVII-46-3	p-Me-Ph	H	H	$CH(CH_3)_2$	Bz	H	F	F	OH
XXVII-46-4	p-Me-Ph	H	H	$CH_2CH(CH_3)_2$	Bz	H	F	F	OH
XXVII-46-5	p-Me-Ph	H	H	CH_2Ph	Bz	H	F	F	OH
XXVII-46-6	p-Me-Ph	H	H	CH_2-indol-3-yl	Bz	H	F	F	OH
XXVII-46-7	p-Me-Ph	H	H	$CH_2CH_2SCH_3$	Bz	H	F	F	OH

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№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXVII-46-8	p-Me-Ph	*	H	*	Bz	H	F	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXVII-47.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXVII-47-1	p-F-Ph	H	H	H	Bz	H	F	F	OH
XXVII-47-2	p-F-Ph	H	H	CH_3	Bz	H	F	F	OH
XXVII-47-3	p-F-Ph	H	H	$CH(CH_3)_2$	Bz	H	F	F	OH
XXVII-47-4	p-F-Ph	H	H	$CH_2CH(CH_3)_2$	Bz	H	F	F	OH
XXVII-47-5	p-F-Ph	H	H	CH_2Ph	Bz	H	F	F	OH
XXVII-47-6	p-F-Ph	H	H	CH_2-indol-3-yl	Bz	H	F	F	OH
XXVII-47-7	p-F-Ph	H	H	$CH_2CH_2SCH_3$	Bz	H	F	F	OH
XXVII-47-8	p-F-Ph	*	H	*	Bz	H	F	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXVII-48.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXVII-48-1	p-Cl-Ph	H	H	H	Bz	H	F	F	OH
XXVII-48-2	p-Cl-Ph	H	H	CH_3	Bz	H	F	F	OH
XXVII-48-3	p-Cl-Ph	H	H	$CH(CH_3)_2$	Bz	H	F	F	OH
XXVII-48-4	p-Cl-Ph	H	H	$CH_2CH(CH_3)_2$	Bz	H	F	F	OH
XXVII-48-5	p-Cl-Ph	H	H	CH_2Ph	Bz	H	F	F	OH
XXVII-48-6	p-Cl-Ph	H	H	CH_2-indol-3-yl	Bz	H	F	F	OH
XXVII-48-7	p-Cl-Ph	H	H	$CH_2CH_2SCH_3$	Bz	H	F	F	OH
XXVII-48-8	p-Cl-Ph	*	H	*	Bz	H	F	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXVII-49.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXVII-49-1	p-Br-Ph	H	H	H	Bz	H	F	F	OH
XXVII-49-2	p-Br-Ph	H	H	CH_3	Bz	H	F	F	OH
XXVII-49-3	p-Br-Ph	H	H	$CH(CH_3)_2$	Bz	H	F	F	OH
XXVII-49-4	p-Br-Ph	H	H	$CH_2CH(CH_3)_2$	Bz	H	F	F	OH
XXVII-49-5	p-Br-Ph	H	H	CH_2Ph	Bz	H	F	F	OH

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№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXVII-49-6	p-Br-Ph	H	H	CH_2-indol-3-yl	Bz	H	F	F	OH
XXVII-49-7	p-Br-Ph	H	H	$CH_2CH_2SCH_3$	Bz	H	F	F	OH
XXVII-49-8	p-Br-Ph	*	H	*	Bz	H	F	F	OH

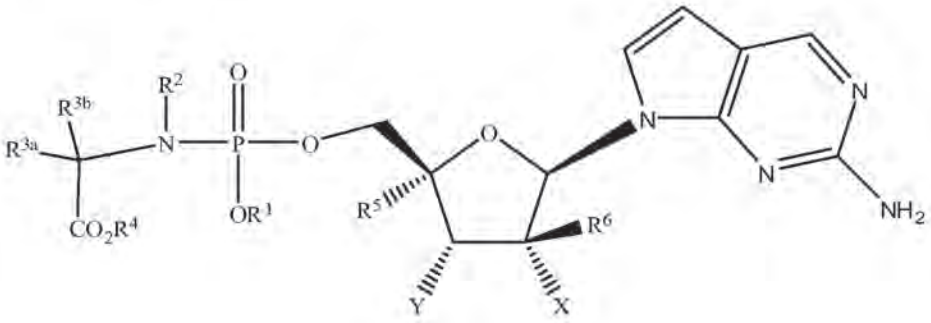
*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXVII-50.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXVII-50-1	p-I-Ph	H	H	H	Bz	H	F	F	OH
XXVII-50-2	p-I-Ph	H	H	CH_3	Bz	H	F	F	OH
XXVII-50-3	p-I-Ph	H	H	$CH(CH_3)_2$	Bz	H	F	F	OH
XXVII-50-4	p-I-Ph	H	H	$CH_2CH(CH_3)_2$	Bz	H	F	F	OH
XXVII-50-5	p-I-Ph	H	H	CH_2Ph	Bz	H	F	F	OH
XXVII-50-6	p-I-Ph	H	H	CH_2-indol-3-yl	Bz	H	F	F	OH
XXVII-50-7	p-I-Ph	H	H	$CH_2CH_2SCH_3$	Bz	H	F	F	OH
XXVII-50-8	p-I-Ph	*	H	*	Bz	H	F	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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XXVIII

Table XXVIII-1.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXVIII-1-1	CH_3	H	H	H	CH_3	H	H	F	OH
XXVIII-1-2	CH_3	H	H	CH_3	CH_3	H	H	F	OH
XXVIII-1-3	CH_3	H	H	$CH(CH_3)_2$	CH_3	H	H	F	OH
XXVIII-1-4	CH_3	H	H	$CH_2CH(CH_3)_2$	CH_3	H	H	F	OH

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№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXVIII-1-5	CH_3	H	H	CH_2Ph	CH_3	H	H	F	OH
XXVIII-1-6	CH_3	H	H	CH_2-indol-3-yl	CH_3	H	H	F	OH
XXVIII-1-7	CH_3	H	H	$CH_2CH_2SCH_3$	CH_3	H	H	F	OH
XXVIII-1-8	CH_3	*	H	*	CH_3	H	H	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXVIII-2.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXVIII-2-1	Et	H	H	H	CH_3	H	H	F	OH
XXVIII-2-2	Et	H	H	CH_3	CH_3	H	H	F	OH
XXVIII-2-3	Et	H	H	$CH(CH_3)_2$	CH_3	H	H	F	OH
XXVIII-2-4	Et	H	H	$CH_2CH(CH_3)_2$	CH_3	H	H	F	OH
XXVIII-2-5	Et	H	H	CH_2Ph	CH_3	H	H	F	OH
XXVIII-2-6	Et	H	H	CH_2-indol-3-yl	CH_3	H	H	F	OH
XXVIII-2-7	Et	H	H	$CH_2CH_2SCH_3$	CH_3	H	H	F	OH
XXVIII-2-8	Et	*	H	*	CH_3	H	H	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXVIII-3.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXVIII-3-1	^{t}Pr	H	H	H	CH_3	H	H	F	OH
XXVIII-3-2	^{t}Pr	H	H	CH_3	CH_3	H	H	F	OH
XXVIII-3-3	^{i}Pr	H	H	$CH(CH_3)_2$	CH_3	H	H	F	OH
XXVIII-3-4	^{i}Pr	H	H	$CH_2CH(CH_3)_2$	CH_3	H	H	F	OH
XXVIII-3-5	^{i}Pr	H	H	CH_2Ph	CH_3	H	H	F	OH
XXVIII-3-6	^{i}Pr	H	H	CH_2-indol-3-yl	CH_3	H	H	F	OH
XXVIII-3-7	^{i}Pr	H	H	$CH_2CH_2SCH_3$	CH_3	H	H	F	OH
XXVIII-3-8	^{i}Pr	*	H	*	CH_3	H	H	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXVIII-4.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXVIII-4-1	^{t}Bu	H	H	H	CH_3	H	H	F	OH
XXVIII-4-2	^{t}Bu	H	H	CH_3	CH_3	H	H	F	OH

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№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXVIII-4-3	^{t}Bu	H	H	$CH(CH_3)_2$	CH_3	H	H	F	OH
XXVIII-4-4	^{t}Bu	H	H	$CH_2CH(CH_3)_2$	CH_3	H	H	F	OH
XXVIII-4-5	^{t}Bu	H	H	CH_2Ph	CH_3	H	H	F	OH
XXVIII-4-6	^{t}Bu	H	H	CH_2-indol-3-yl	CH_3	H	H	F	OH
XXVIII-4-7	^{t}Bu	H	H	$CH_2CH_2SCH_3$	CH_3	H	H	F	OH
XXVIII-4-8	^{t}Bu	*	H	*	CH_3	H	H	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXVIII-5.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXVIII-5-1	Ph	H	H	H	CH_3	H	H	F	OH
XXVIII-5-2	Ph	H	H	CH_3	CH_3	H	H	F	OH
XXVIII-5-3	Ph	H	H	$CH(CH_3)_2$	CH_3	H	H	F	OH
XXVIII-5-4	Ph	H	H	$CH_2CH(CH_3)_2$	CH_3	H	H	F	OH
XXVIII-5-5	Ph	H	H	CH_2Ph	CH_3	H	H	F	OH
XXVIII-5-6	Ph	H	H	CH_2-indol-3-yl	CH_3	H	H	F	OH
XXVIII-5-7	Ph	H	H	$CH_2CH_2SCH_3$	CH_3	H	H	F	OH
XXVIII-5-8	Ph	*	H	*	CH_3	H	H	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXVIII-6.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXVIII-6-1	p-Me-Ph	H	H	H	CH_3	H	H	F	OH
XXVIII-6-2	p-Me-Ph	H	H	CH_3	CH_3	H	H	F	OH
XXVIII-6-3	p-Me-Ph	H	H	$CH(CH_3)_2$	CH_3	H	H	F	OH
XXVIII-6-4	p-Me-Ph	H	H	$CH_2CH(CH_3)_2$	CH_3	H	H	F	OH
XXVIII-6-5	p-Me-Ph	H	H	CH_2Ph	CH_3	H	H	F	OH
XXVIII-6-6	p-Me-Ph	H	H	CH_2-indol-3-yl	CH_3	H	H	F	OH
XXVIII-6-7	p-Me-Ph	H	H	$CH_2CH_2SCH_3$	CH_3	H	H	F	OH
XXVIII-6-8	p-Me-Ph	*	H	*	CH_3	H	H	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXVIII-7.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y

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№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXVIII-7-1	p-F-Ph	H	H	H	CH_3	H	H	F	OH
XXVIII-7-2	p-F-Ph	H	H	CH_3	CH_3	H	H	F	OH
XXVIII-7-3	p-F-Ph	H	H	$CH(CH_3)_2$	CH_3	H	H	F	OH
XXVIII-7-4	p-F-Ph	H	H	$CH_2CH(CH_3)_2$	CH_3	H	H	F	OH
XXVIII-7-6	p-F-Ph	H	H	CH_2Ph	CH_3	H	H	F	OH
XXVIII-7-7	p-F-Ph	H	H	CH_2-indol-3-yl	CH_3	H	H	F	OH
XXVIII-7-8	p-F-Ph	H	H	$CH_2CH_2SCH_3$	CH_3	H	H	F	OH
XXVIII-7-20	p-F-Ph	*	H	*	CH_3	H	H	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXVIII-8.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXVIII-8-1	p-Cl-Ph	H	H	H	CH_3	H	H	F	OH
XXVIII-8-2	p-Cl-Ph	H	H	CH_3	CH_3	H	H	F	OH
XXVIII-8-3	p-Cl-Ph	H	H	$CH(CH_3)_2$	CH_3	H	H	F	OH
XXVIII-8-4	p-Cl-Ph	H	H	$CH_2CH(CH_3)_2$	CH_3	H	H	F	OH
XXVIII-8-5	p-Cl-Ph	H	H	CH_2Ph	CH_3	H	H	F	OH
XXVIII-8-6	p-Cl-Ph	H	H	CH_2-indol-3-yl	CH_3	H	H	F	OH
XXVIII-8-7	p-Cl-Ph	H	H	$CH_2CH_2SCH_3$	CH_3	H	H	F	OH
XXVIII-8-8	p-Cl-Ph	*	H	*	CH_3	H	H	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXVIII-9.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXVIII-9-1	p-Br-Ph	H	H	H	CH_3	H	H	F	OH
XXVIII-9-2	p-Br-Ph	H	H	CH_3	CH_3	H	H	F	OH
XXVIII-9-3	p-Br-Ph	H	H	$CH(CH_3)_2$	CH_3	H	H	F	OH
XXVIII-9-4	p-Br-Ph	H	H	$CH_2CH(CH_3)_2$	CH_3	H	H	F	OH
XXVIII-9-6	p-Br-Ph	H	H	CH_2Ph	CH_3	H	H	F	OH
XXVIII-9-7	p-Br-Ph	H	H	CH_2-indol-3-yl	CH_3	H	H	F	OH
XXVIII-9-8	p-Br-Ph	H	H	$CH_2CH_2SCH_3$	CH_3	H	H	F	OH
XXVIII-9-20	p-Br-Ph	*	H	*	CH_3	H	H	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XXVIII-10.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXVIII-10-1	p-I-Ph	H	H	H	CH_3	H	H	F	OH
XXVIII-10-2	p-I-Ph	H	H	CH_3	CH_3	H	H	F	OH
XXVIII-10-3	p-I-Ph	H	H	$CH(CH_3)_2$	CH_3	H	H	F	OH
XXVIII-10-4	p-I-Ph	H	H	$CH_2CH(CH_3)_2$	CH_3	H	H	F	OH
XXVIII-10-5	p-I-Ph	H	H	CH_2Ph	CH_3	H	H	F	OH
XXVIII-10-6	p-I-Ph	H	H	CH_2-indol-3-yl	CH_3	H	H	F	OH
XXVIII-10-7	p-I-Ph	H	H	$CH_2CH_2SCH_3$	CH_3	H	H	F	OH
XXVIII-10-8	p-I-Ph	*	H	*	CH_3	H	H	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXVIII-11.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXVIII-11-1	CH_3	H	H	H	Et	H	H	F	OH
XXVIII-11-2	CH_3	H	H	CH_3	Et	H	H	F	OH
XXVIII-11-3	CH_3	H	H	$CH(CH_3)_2$	Et	H	H	F	OH
XXVIII-11-4	CH_3	H	H	$CH_2CH(CH_3)_2$	Et	H	H	F	OH
XXVIII-11-5	CH_3	H	H	CH_2Ph	Et	H	H	F	OH
XXVIII-11-6	CH_3	H	H	CH_2-indol-3-yl	Et	H	H	F	OH
XXVIII-11-7	CH_3	H	H	$CH_2CH_2SCH_3$	Et	H	H	F	OH
XXVIII-11-8	CH_3	*	H	*	Et	H	H	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXVIII-12.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXVIII-12-1	Et	H	H	H	Et	H	H	F	OH
XXVIII-12-2	Et	H	H	CH_3	Et	H	H	F	OH
XXVIII-12-3	Et	H	H	$CH(CH_3)_2$	Et	H	H	F	OH
XXVIII-12-4	Et	H	H	$CH_2CH(CH_3)_2$	Et	H	H	F	OH
XXVIII-12-5	Et	H	H	CH_2Ph	Et	H	H	F	OH
XXVIII-12-6	Et	H	H	CH_2-indol-3-yl	Et	H	H	F	OH
XXVIII-12-7	Et	H	H	$CH_2CH_2SCH_3$	Et	H	H	F	OH
XXVIII-12-8	Et	*	H	*	Et	H	H	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XXVIII-13.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXVIII-13-1	^{i}Pr	H	H	H	Et	H	H	F	OH
XXVIII-13-2	^{i}Pr	H	H	CH_3	Et	H	H	F	OH
XXVIII-13-3	^{i}Pr	H	H	$CH(CH_3)_2$	Et	H	H	F	OH
XXVIII-13-4	^{i}Pr	H	H	$CH_2CH(CH_3)_2$	Et	H	H	F	OH
XXVIII-13-5	^{i}Pr	H	H	CH_2Ph	Et	H	H	F	OH
XXVIII-13-6	^{i}Pr	H	H	CH_2-indol-3-yl	Et	H	H	F	OH
XXVIII-13-7	^{i}Pr	H	H	$CH_2CH_2SCH_3$	Et	H	H	F	OH
XXVIII-13-8	^{i}Pr	*	H	*	Et	H	H	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXVIII-14.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXVIII-14-1	^{t}Bu	H	H	H	Et	H	H	F	OH
XXVIII-14-2	^{t}Bu	H	H	CH_3	Et	H	H	F	OH
XXVIII-14-3	^{t}Bu	H	H	$CH(CH_3)_2$	Et	H	H	F	OH
XXVIII-14-4	^{t}Bu	H	H	$CH_2CH(CH_3)_2$	Et	H	H	F	OH
XXVIII-14-5	^{t}Bu	H	H	CH_2Ph	Et	H	H	F	OH
XXVIII-14-6	^{t}Bu	H	H	CH_2-indol-3-yl	Et	H	H	F	OH
XXVIII-14-7	^{t}Bu	H	H	$CH_2CH_2SCH_3$	Et	H	H	F	OH
XXVIII-14-8	^{t}Bu	*	H	*	Et	H	H	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXVIII-15.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXVIII-15-1	Ph	H	H	H	Et	H	H	F	OH
XXVIII-15-2	Ph	H	H	CH_3	Et	H	H	F	OH
XXVIII-15-3	Ph	H	H	$CH(CH_3)_2$	Et	H	H	F	OH
XXVIII-15-4	Ph	H	H	$CH_2CH(CH_3)_2$	Et	H	H	F	OH
XXVIII-15-5	Ph	H	H	CH_2Ph	Et	H	H	F	OH
XXVIII-15-6	Ph	H	H	CH_2-indol-3-yl	Et	H	H	F	OH
XXVIII-15-7	Ph	H	H	$CH_2CH_2SCH_3$	Et	H	H	F	OH
XXVIII-15-8	Ph	*	H	*	Et	H	H	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XXVIII-16.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXVIII-16-1	p-Me-Ph	H	H	H	Et	H	H	F	OH
XXVIII-16-2	p-Me-Ph	H	H	CH_3	Et	H	H	F	OH
XXVIII-16-3	p-Me-Ph	H	H	$CH(CH_3)_2$	Et	H	H	F	OH
XXVIII-16-4	p-Me-Ph	H	H	$CH_2CH(CH_3)_2$	Et	H	H	F	OH
XXVIII-16-5	p-Me-Ph	H	H	CH_2Ph	Et	H	H	F	OH
XXVIII-16-6	p-Me-Ph	H	H	CH_2-indol-3-yl	Et	H	H	F	OH
XXVIII-16-7	p-Me-Ph	H	H	$CH_2CH_2SCH_3$	Et	H	H	F	OH
XXVIII-16-8	p-Me-Ph	*	H	*	Et	H	H	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXVIII-17.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXVIII-17-1	p-F-Ph	H	H	H	Et	H	H	F	OH
XXVIII-17-2	p-F-Ph	H	H	CH_3	Et	H	H	F	OH
XXVIII-17-3	p-F-Ph	H	H	$CH(CH_3)_2$	Et	H	H	F	OH
XXVIII-17-4	p-F-Ph	H	H	$CH_2CH(CH_3)_2$	Et	H	H	F	OH
XXVIII-17-5	p-F-Ph	H	H	CH_2Ph	Et	H	H	F	OH
XXVIII-17-6	p-F-Ph	H	H	CH_2-indol-3-yl	Et	H	H	F	OH
XXVIII-17-7	p-F-Ph	H	H	$CH_2CH_2SCH_3$	Et	H	H	F	OH
XXVIII-17-8	p-F-Ph	*	H	*	Et	H	H	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXVIII-18.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXVIII-18-1	p-Cl-Ph	H	H	H	Et	H	H	F	OH
XXVIII-18-2	p-Cl-Ph	H	H	CH_3	Et	H	H	F	OH
XXVIII-18-3	p-Cl-Ph	H	H	$CH(CH_3)_2$	Et	H	H	F	OH
XXVIII-18-4	p-Cl-Ph	H	H	$CH_2CH(CH_3)_2$	Et	H	H	F	OH
XXVIII-18-5	p-Cl-Ph	H	H	CH_2Ph	Et	H	H	F	OH
XXVIII-18-6	p-Cl-Ph	H	H	CH_2-indol-3-yl	Et	H	H	F	OH
XXVIII-18-7	p-Cl-Ph	H	H	$CH_2CH_2SCH_3$	Et	H	H	F	OH
XXVIII-18-8	p-Cl-Ph	*	H	*	Et	H	H	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XXVIII-19.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXVIII-19-1	p-Br-Ph	H	H	H	Et	H	H	F	OH
XXVIII-19-2	p-Br-Ph	H	H	CH_3	Et	H	H	F	OH
XXVIII-19-3	p-Br-Ph	H	H	$CH(CH_3)_2$	Et	H	H	F	OH
XXVIII-19-4	p-Br-Ph	H	H	$CH_2CH(CH_3)_2$	Et	H	H	F	OH
XXVIII-19-5	p-Br-Ph	H	H	CH_2Ph	Et	H	H	F	OH
XXVIII-19-6	p-Br-Ph	H	H	CH_2-indol-3-yl	Et	H	H	F	OH
XXVIII-19-7	p-Br-Ph	H	H	$CH_2CH_2SCH_3$	Et	H	H	F	OH
XXVIII-19-8	p-Br-Ph	*	H	*	Et	H	H	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXVIII-20.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXVIII-20-1	p-I-Ph	H	H	H	Et	H	H	F	OH
XXVIII-20-2	p-I-Ph	H	H	CH_3	Et	H	H	F	OH
XXVIII-20-3	p-I-Ph	H	H	$CH(CH_3)_2$	Et	H	H	F	OH
XXVIII-20-4	p-I-Ph	H	H	$CH_2CH(CH_3)_2$	Et	H	H	F	OH
XXVIII-20-5	p-I-Ph	H	H	CH_2Ph	Et	H	H	F	OH
XXVIII-20-6	p-I-Ph	H	H	CH_2-indol-3-yl	Et	H	H	F	OH
XXVIII-20-7	p-I-Ph	H	H	$CH_2CH_2SCH_3$	Et	H	H	F	OH
XXVIII-20-8	p-I-Ph	*	H	*	Et	H	H	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXVIII-21.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXVIII-21-1	CH_3	H	H	H	^{i}Pr	H	H	F	OH
XXVIII-21-2	CH_3	H	H	CH_3	^{i}Pr	H	H	F	OH
XXVIII-21-3	CH_3	H	H	$CH(CH_3)_2$	^{i}Pr	H	H	F	OH
XXVIII-21-4	CH_3	H	H	$CH_2CH(CH_3)_2$	^{i}Pr	H	H	F	OH
XXVIII-21-5	CH_3	H	H	CH_2Ph	^{i}Pr	H	H	F	OH
XXVIII-21-6	CH_3	H	H	CH_2-indol-3-yl	^{i}Pr	H	H	F	OH
XXVIII-21-7	CH_3	H	H	$CH_2CH_2SCH_3$	^{i}Pr	H	H	F	OH
XXVIII-21-8	CH_3	*	H	*	^{i}Pr	H	H	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XXVIII-22.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXVIII-22-1	Et	H	H	H	^{i}Pr	H	H	F	OH
XXVIII-22-2	Et	H	H	CH_3	^{i}Pr	H	H	F	OH
XXVIII-22-3	Et	H	H	$CH(CH_3)_2$	^{i}Pr	H	H	F	OH
XXVIII-22-4	Et	H	H	$CH_2CH(CH_3)_2$	^{i}Pr	H	H	F	OH
XXVIII-22-5	Et	H	H	CH_2Ph	^{i}Pr	H	H	F	OH
XXVIII-22-6	Et	H	H	CH_2-indol-3-yl	^{i}Pr	H	H	F	OH
XXVIII-22-7	Et	H	H	$CH_2CH_2SCH_3$	^{i}Pr	H	H	F	OH
XXVIII-22-8	Et	*	H	*	^{i}Pr	H	H	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXVIII-23.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXVIII-23-1	^{i}Pr	H	H	H	^{i}Pr	H	H	F	OH
XXVIII-23-2	^{i}Pr	H	H	CH_3	^{i}Pr	H	H	F	OH
XXVIII-23-3	^{i}Pr	H	H	$CH(CH_3)_2$	^{i}Pr	H	H	F	OH
XXVIII-23-4	^{i}Pr	H	H	$CH_2CH(CH_3)_2$	^{i}Pr	H	H	F	OH
XXVIII-23-5	^{i}Pr	H	H	CH_2Ph	^{i}Pr	H	H	F	OH
XXVIII-23-6	^{i}Pr	H	H	CH_2-indol-3-yl	^{i}Pr	H	H	F	OH
XXVIII-23-7	^{i}Pr	H	H	$CH_2CH_2SCH_3$	^{i}Pr	H	H	F	OH
XXVIII-23-8	^{i}Pr	*	H	*	^{i}Pr	H	H	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXVIII-24.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXVIII-24-1	^{t}Bu	H	H	H	^{i}Pr	H	H	F	OH
XXVIII-24-2	^{t}Bu	H	H	CH_3	^{i}Pr	H	H	F	OH
XXVIII-24-3	^{t}Bu	H	H	$CH(CH_3)_2$	^{i}Pr	H	H	F	OH
XXVIII-24-4	^{t}Bu	H	H	$CH_2CH(CH_3)_2$	^{i}Pr	H	H	F	OH
XXVIII-24-5	^{t}Bu	H	H	CH_2Ph	^{i}Pr	H	H	F	OH
XXVIII-24-6	^{t}Bu	H	H	CH_2-indol-3-yl	^{i}Pr	H	H	F	OH
XXVIII-24-7	^{t}Bu	H	H	$CH_2CH_2SCH_3$	^{i}Pr	H	H	F	OH
XXVIII-24-8	^{t}Bu	*	H	*	^{i}Pr	H	H	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XXVIII-25.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXVIII-25-1	Ph	H	H	H	^{i}Pr	H	H	F	OH
XXVIII-25-2	Ph	H	H	CH_3	^{i}Pr	H	H	F	OH
XXVIII-25-3	Ph	H	H	$CH(CH_3)_2$	^{i}Pr	H	H	F	OH
XXVIII-25-4	Ph	H	H	$CH_2CH(CH_3)_2$	^{i}Pr	H	H	F	OH
XXVIII-25-5	Ph	H	H	CH_2Ph	^{i}Pr	H	H	F	OH
XXVIII-25-6	Ph	H	H	CH_2-indol-3-yl	^{i}Pr	H	H	F	OH
XXVIII-25-7	Ph	H	H	$CH_2CH_2SCH_3$	^{i}Pr	H	H	F	OH
XXVIII-25-8	Ph	*	H	*	^{i}Pr	H	H	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXVIII-26.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXVIII-26-1	p-Me-Ph	H	H	H	^{i}Pr	H	H	F	OH
XXVIII-26-2	p-Me-Ph	H	H	CH_3	^{i}Pr	H	H	F	OH
XXVIII-26-3	p-Me-Ph	H	H	$CH(CH_3)_2$	^{i}Pr	H	H	F	OH
XXVIII-26-4	p-Me-Ph	H	H	$CH_2CH(CH_3)_2$	^{i}Pr	H	H	F	OH
XXVIII-26-5	p-Me-Ph	H	H	CH_2Ph	^{i}Pr	H	H	F	OH
XXVIII-26-6	p-Me-Ph	H	H	CH_2-indol-3-yl	^{i}Pr	H	H	F	OH
XXVIII-26-7	p-Me-Ph	H	H	$CH_2CH_2SCH_3$	^{i}Pr	H	H	F	OH
XXVIII-26-8	p-Me-Ph	*	H	*	^{i}Pr	H	H	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXVIII-27.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXVIII-27-1	p-F-Ph	H	H	H	^{i}Pr	H	H	F	OH
XXVIII-27-2	p-F-Ph	H	H	CH_3	^{i}Pr	H	H	F	OH
XXVIII-27-3	p-F-Ph	H	H	$CH(CH_3)_2$	^{i}Pr	H	H	F	OH
XXVIII-27-4	p-F-Ph	H	H	$CH_2CH(CH_3)_2$	^{i}Pr	H	H	F	OH
XXVIII-27-5	p-F-Ph	H	H	CH_2Ph	^{i}Pr	H	H	F	OH
XXVIII-27-6	p-F-Ph	H	H	CH_2-indol-3-yl	^{i}Pr	H	H	F	OH
XXVIII-27-7	p-F-Ph	H	H	$CH_2CH_2SCH_3$	^{i}Pr	H	H	F	OH
XXVIII-27-8	p-F-Ph	*	H	*	^{i}Pr	H	H	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XXVIII-28.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXVIII-28-1	p-Cl-Ph	H	H	H	^{i}Pr	H	H	F	OH
XXVIII-28-2	p-Cl-Ph	H	H	CH_3	^{i}Pr	H	H	F	OH
XXVIII-28-3	p-Cl-Ph	H	H	$CH(CH_3)_2$	^{i}Pr	H	H	F	OH
XXVIII-28-4	p-Cl-Ph	H	H	$CH_2CH(CH_3)_2$	^{i}Pr	H	H	F	OH
XXVIII-28-5	p-Cl-Ph	H	H	CH_2Ph	^{i}Pr	H	H	F	OH
XXVIII-28-6	p-Cl-Ph	H	H	CH_2-indol-3-yl	^{i}Pr	H	H	F	OH
XXVIII-28-7	p-Cl-Ph	H	H	$CH_2CH_2SCH_3$	^{i}Pr	H	H	F	OH
XXVIII-28-8	p-Cl-Ph	*	H	*	^{i}Pr	H	H	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXVIII-29.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXVIII-29-1	p-Br-Ph	H	H	H	^{i}Pr	H	H	F	OH
XXVIII-29-2	p-Br-Ph	H	H	CH_3	^{i}Pr	H	H	F	OH
XXVIII-29-3	p-Br-Ph	H	H	$CH(CH_3)_2$	^{i}Pr	H	H	F	OH
XXVIII-29-4	p-Br-Ph	H	H	$CH_2CH(CH_3)_2$	^{i}Pr	H	H	F	OH
XXVIII-29-5	p-Br-Ph	H	H	CH_2Ph	^{i}Pr	H	H	F	OH
XXVIII-29-6	p-Br-Ph	H	H	CH_2-indol-3-yl	^{i}Pr	H	H	F	OH
XXVIII-29-7	p-Br-Ph	H	H	$CH_2CH_2SCH_3$	^{i}Pr	H	H	F	OH
XXVIII-29-8	p-Br-Ph	*	H	*	^{i}Pr	H	H	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXVIII-30.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXVIII-30-1	p-I-Ph	H	H	H	^{i}Pr	H	H	F	OH
XXVIII-30-2	p-I-Ph	H	H	CH_3	^{i}Pr	H	H	F	OH
XXVIII-30-3	p-I-Ph	H	H	$CH(CH_3)_2$	^{i}Pr	H	H	F	OH
XXVIII-30-4	p-I-Ph	H	H	$CH_2CH(CH_3)_2$	^{i}Pr	H	H	F	OH
XXVIII-30-5	p-I-Ph	H	H	CH_2Ph	^{i}Pr	H	H	F	OH
XXVIII-30-6	p-I-Ph	H	H	CH_2-indol-3-yl	^{i}Pr	H	H	F	OH
XXVIII-30-7	p-I-Ph	H	H	$CH_2CH_2SCH_3$	^{i}Pr	H	H	F	OH
XXVIII-30-8	p-I-Ph	*	H	*	^{i}Pr	H	H	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XXVIII-31.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXVIII-31-1	CH_3	H	H	H	^{n}Bu	H	H	F	OH
XXVIII-31-2	CH_3	H	H	CH_3	^{n}Bu	H	H	F	OH
XXVIII-31-3	CH_3	H	H	$CH(CH_3)_2$	^{n}Bu	H	H	F	OH
XXVIII-31-4	CH_3	H	H	$CH_2CH(CH_3)_2$	^{n}Bu	H	H	F	OH
XXVIII-31-5	CH_3	H	H	CH_2Ph	^{n}Bu	H	H	F	OH
XXVIII-31-6	CH_3	H	H	CH_2-indol-3-yl	^{n}Bu	H	H	F	OH
XXVIII-31-7	CH_3	H	H	$CH_2CH_2SCH_3$	^{n}Bu	H	H	F	OH
XXVIII-31-8	CH_3	*	H	*	^{n}Bu	H	H	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXVIII-32.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXVIII-32-1	Et	H	H	H	^{n}Bu	H	H	F	OH
XXVIII-32-2	Et	H	H	CH_3	^{n}Bu	H	H	F	OH
XXVIII-32-3	Et	H	H	$CH(CH_3)_2$	^{n}Bu	H	H	F	OH
XXVIII-32-4	Et	H	H	$CH_2CH(CH_3)_2$	^{n}Bu	H	H	F	OH
XXVIII-32-5	Et	H	H	CH_2Ph	^{n}Bu	H	H	F	OH
XXVIII-32-6	Et	H	H	CH_2-indol-3-yl	^{n}Bu	H	H	F	OH
XXVIII-32-7	Et	H	H	$CH_2CH_2SCH_3$	^{n}Bu	H	H	F	OH
XXVIII-32-8	Et	*	H	*	^{n}Bu	H	H	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXVIII-33.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXVIII-33-1	^{i}Pr	H	H	H	^{n}Bu	H	H	F	OH
XXVIII-33-2	^{i}Pr	H	H	CH_3	^{n}Bu	H	H	F	OH
XXVIII-33-3	^{i}Pr	H	H	$CH(CH_3)_2$	^{n}Bu	H	H	F	OH
XXVIII-33-4	^{i}Pr	H	H	$CH_2CH(CH_3)_2$	^{n}Bu	H	H	F	OH
XXVIII-33-5	^{i}Pr	H	H	CH_2Ph	^{n}Bu	H	H	F	OH
XXVIII-33-6	^{i}Pr	H	H	CH_2-indol-3-yl	^{n}Bu	H	H	F	OH
XXVIII-33-7	^{i}Pr	H	H	$CH_2CH_2SCH_3$	^{n}Bu	H	H	F	OH
XXVIII-33-8	^{i}Pr	*	H	*	^{n}Bu	H	H	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XXVIII-34.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXVIII-34-1	^{t}Bu	H	H	H	^{n}Bu	H	H	F	OH
XXVIII-34-2	^{t}Bu	H	H	CH_3	^{n}Bu	H	H	F	OH
XXVIII-34-3	^{t}Bu	H	H	$CH(CH_3)_2$	^{n}Bu	H	H	F	OH
XXVIII-34-4	^{t}Bu	H	H	$CH_2CH(CH_3)_2$	^{n}Bu	H	H	F	OH
XXVIII-34-5	^{t}Bu	H	H	CH_2Ph	^{n}Bu	H	H	F	OH
XXVIII-34-6	^{t}Bu	H	H	CH_2-indol-3-yl	^{n}Bu	H	H	F	OH
XXVIII-34-7	^{t}Bu	H	H	$CH_2CH_2SCH_3$	^{n}Bu	H	H	F	OH
XXVIII-34-8	^{t}Bu	*	H	*	^{n}Bu	H	H	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXVIII-35.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXVIII-35-1	Ph	H	H	H	^{n}Bu	H	H	F	OH
XXVIII-35-2	Ph	H	H	CH_3	^{n}Bu	H	H	F	OH
XXVIII-35-3	Ph	H	H	$CH(CH_3)_2$	^{n}Bu	H	H	F	OH
XXVIII-35-4	Ph	H	H	$CH_2CH(CH_3)_2$	^{n}Bu	H	H	F	OH
XXVIII-35-5	Ph	H	H	CH_2Ph	^{n}Bu	H	H	F	OH
XXVIII-35-6	Ph	H	H	CH_2-indol-3-yl	^{n}Bu	H	H	F	OH
XXVIII-35-7	Ph	H	H	$CH_2CH_2SCH_3$	^{n}Bu	H	H	F	OH
XXVIII-35-8	Ph	*	H	*	^{n}Bu	H	H	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXVIII-36.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXVIII-36-1	p-Me-Ph	H	H	H	^{n}Bu	H	H	F	OH
XXVIII-36-2	p-Me-Ph	H	H	CH_3	^{n}Bu	H	H	F	OH
XXVIII-36-3	p-Me-Ph	H	H	$CH(CH_3)_2$	^{n}Bu	H	H	F	OH
XXVIII-36-4	p-Me-Ph	H	H	$CH_2CH(CH_3)_2$	^{n}Bu	H	H	F	OH
XXVIII-36-5	p-Me-Ph	H	H	CH_2Ph	^{n}Bu	H	H	F	OH
XXVIII-36-6	p-Me-Ph	H	H	CH_2-indol-3-yl	^{n}Bu	H	H	F	OH
XXVIII-36-7	p-Me-Ph	H	H	$CH_2CH_2SCH_3$	^{n}Bu	H	H	F	OH
XXVIII-36-8	p-Me-Ph	*	H	*	^{n}Bu	H	H	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XXVIII-37.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXVIII-37-1	p-F-Ph	H	H	H	^{n}Bu	H	H	F	OH
XXVIII-37-2	p-F-Ph	H	H	CH_3	^{n}Bu	H	H	F	OH
XXVIII-37-3	p-F-Ph	H	H	$CH(CH_3)_2$	^{n}Bu	H	H	F	OH
XXVIII-37-4	p-F-Ph	H	H	$CH_2CH(CH_3)_2$	^{n}Bu	H	H	F	OH
XXVIII-37-5	p-F-Ph	H	H	CH_2Ph	^{n}Bu	H	H	F	OH
XXVIII-37-6	p-F-Ph	H	H	CH_2-indol-3-yl	^{n}Bu	H	H	F	OH
XXVIII-37-7	p-F-Ph	H	H	$CH_2CH_2SCH_3$	^{n}Bu	H	H	F	OH
XXVIII-37-8	p-F-Ph	*	H	*	^{n}Bu	H	H	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXVIII-38.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXVIII-38-1	p-Cl-Ph	H	H	H	^{n}Bu	H	H	F	OH
XXVIII-38-2	p-Cl-Ph	H	H	CH_3	^{n}Bu	H	H	F	OH
XXVIII-38-3	p-Cl-Ph	H	H	$CH(CH_3)_2$	^{n}Bu	H	H	F	OH
XXVIII-38-4	p-Cl-Ph	H	H	$CH_2CH(CH_3)_2$	^{n}Bu	H	H	F	OH
XXVIII-38-5	p-Cl-Ph	H	H	CH_2Ph	^{n}Bu	H	H	F	OH
XXVIII-38-6	p-Cl-Ph	H	H	CH_2-indol-3-yl	^{n}Bu	H	H	F	OH
XXVIII-38-7	p-Cl-Ph	H	H	$CH_2CH_2SCH_3$	^{n}Bu	H	H	F	OH
XXVIII-38-8	p-Cl-Ph	*	H	*	^{n}Bu	H	H	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXVIII-39.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXVIII-39-1	p-Br-Ph	H	H	H	^{n}Bu	H	H	F	OH
XXVIII-39-2	p-Br-Ph	H	H	CH_3	^{n}Bu	H	H	F	OH
XXVIII-39-3	p-Br-Ph	H	H	$CH(CH_3)_2$	^{n}Bu	H	H	F	OH
XXVIII-39-4	p-Br-Ph	H	H	$CH_2CH(CH_3)_2$	^{n}Bu	H	H	F	OH
XXVIII-39-5	p-Br-Ph	H	H	CH_2Ph	^{n}Bu	H	H	F	OH
XXVIII-39-6	p-Br-Ph	H	H	CH_2-indol-3-yl	^{n}Bu	H	H	F	OH
XXVIII-39-7	p-Br-Ph	H	H	$CH_2CH_2SCH_3$	^{n}Bu	H	H	F	OH
XXVIII-39-8	p-Br-Ph	*	H	*	^{n}Bu	H	H	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XXVIII-40.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXVIII-40-1	p-I-Ph	H	H	H	^{n}Bu	H	H	F	OH
XXVIII-40-2	p-I-Ph	H	H	CH_3	^{n}Bu	H	H	F	OH
XXVIII-40-3	p-I-Ph	H	H	$CH(CH_3)_2$	^{n}Bu	H	H	F	OH
XXVIII-40-4	p-I-Ph	H	H	$CH_2CH(CH_3)_2$	^{n}Bu	H	H	F	OH
XXVIII-40-5	p-I-Ph	H	H	CH_2Ph	^{n}Bu	H	H	F	OH
XXVIII-40-6	p-I-Ph	H	H	CH_2-indol-3-yl	^{n}Bu	H	H	F	OH
XXVIII-40-7	p-I-Ph	H	H	$CH_2CH_2SCH_3$	^{n}Bu	H	H	F	OH
XXVIII-40-8	p-I-Ph	*	H	*	^{n}Bu	H	H	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXVIII-41.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXVIII-41-1	CH_3	H	H	H	Bz	H	H	F	OH
XXVIII-41-2	CH_3	H	H	CH_3	Bz	H	H	F	OH
XXVIII-41-3	CH_3	H	H	$CH(CH_3)_2$	Bz	H	H	F	OH
XXVIII-41-4	CH_3	H	H	$CH_2CH(CH_3)_2$	Bz	H	H	F	OH
XXVIII-41-5	CH_3	H	H	CH_2Ph	Bz	H	H	F	OH
XXVIII-41-6	CH_3	H	H	CH_2-indol-3-yl	Bz	H	H	F	OH
XXVIII-41-7	CH_3	H	H	$CH_2CH_2SCH_3$	Bz	H	H	F	OH
XXVIII-41-8	CH_3	*	H	*	Bz	H	H	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXVIII-42.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXVIII-42-1	Et	H	H	H	Bz	H	H	F	OH
XXVIII-42-2	Et	H	H	CH_3	Bz	H	H	F	OH
XXVIII-42-3	Et	H	H	$CH(CH_3)_2$	Bz	H	H	F	OH
XXVIII-42-4	Et	H	H	$CH_2CH(CH_3)_2$	Bz	H	H	F	OH
XXVIII-42-5	Et	H	H	CH_2Ph	Bz	H	H	F	OH
XXVIII-42-6	Et	H	H	CH_2-indol-3-yl	Bz	H	H	F	OH
XXVIII-42-7	Et	H	H	$CH_2CH_2SCH_3$	Bz	H	H	F	OH
XXVIII-42-8	Et	*	H	*	Bz	H	H	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XXVIII-43.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXVIII-43-1	^{i}Pr	H	H	H	Bz	H	H	F	OH
XXVIII-43-2	^{i}Pr	H	H	CH_3	Bz	H	H	F	OH
XXVIII-43-3	^{i}Pr	H	H	$CH(CH_3)_2$	Bz	H	H	F	OH
XXVIII-43-4	^{i}Pr	H	H	$CH_2CH(CH_3)_2$	Bz	H	H	F	OH
XXVIII-43-5	^{i}Pr	H	H	CH_2Ph	Bz	H	H	F	OH
XXVIII-43-6	^{i}Pr	H	H	CH_2-indol-3-yl	Bz	H	H	F	OH
XXVIII-43-7	^{i}Pr	H	H	$CH_2CH_2SCH_3$	Bz	H	H	F	OH
XXVIII-43-8	^{i}Pr	*	H	*	Bz	H	H	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXVIII-44.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXVIII-44-1	^{t}Bu	H	H	H	Bz	H	H	F	OH
XXVIII-44-2	^{t}Bu	H	H	CH_3	Bz	H	H	F	OH
XXVIII-44-3	^{t}Bu	H	H	$CH(CH_3)_2$	Bz	H	H	F	OH
XXVIII-44-4	^{t}Bu	H	H	$CH_2CH(CH_3)_2$	Bz	H	H	F	OH
XXVIII-44-5	^{t}Bu	H	H	CH_2Ph	Bz	H	H	F	OH
XXVIII-44-6	^{t}Bu	H	H	CH_2-indol-3-yl	Bz	H	H	F	OH
XXVIII-44-7	^{t}Bu	H	H	$CH_2CH_2SCH_3$	Bz	H	H	F	OH
XXVIII-44-8	^{t}Bu	*	H	*	Bz	H	H	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXVIII-45.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXVIII-45-1	Ph	H	H	H	Bz	H	H	F	OH
XXVIII-45-2	Ph	H	H	CH_3	Bz	H	H	F	OH
XXVIII-45-3	Ph	H	H	$CH(CH_3)_2$	Bz	H	H	F	OH
XXVIII-45-4	Ph	H	H	$CH_2CH(CH_3)_2$	Bz	H	H	F	OH
XXVIII-45-5	Ph	H	H	CH_2Ph	Bz	H	H	F	OH
XXVIII-45-6	Ph	H	H	CH_2-indol-3-yl	Bz	H	H	F	OH
XXVIII-45-7	Ph	H	H	$CH_2CH_2SCH_3$	Bz	H	H	F	OH
XXVIII-45-8	Ph	*	H	*	Bz	H	H	F	OH

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*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXVIII-46.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXVIII-46-1	p-Me-Ph	H	H	H	Bz	H	H	F	OH
XXVIII-46-2	p-Me-Ph	H	H	CH_3	Bz	H	H	F	OH
XXVIII-46-3	p-Me-Ph	H	H	$CH(CH_3)_2$	Bz	H	H	F	OH
XXVIII-46-4	p-Me-Ph	H	H	$CH_2CH(CH_3)_2$	Bz	H	H	F	OH
XXVIII-46-5	p-Me-Ph	H	H	CH_2Ph	Bz	H	H	F	OH
XXVIII-46-6	p-Me-Ph	H	H	CH_2-indol-3-yl	Bz	H	H	F	OH
XXVIII-46-7	p-Me-Ph	H	H	$CH_2CH_2SCH_3$	Bz	H	H	F	OH
XXVIII-46-8	p-Me-Ph	*	H	*	Bz	H	H	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXVIII-47.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXVIII-47-1	p-F-Ph	H	H	H	Bz	H	H	F	OH
XXVIII-47-2	p-F-Ph	H	H	CH_3	Bz	H	H	F	OH
XXVIII-47-3	p-F-Ph	H	H	$CH(CH_3)_2$	Bz	H	H	F	OH
XXVIII-47-4	p-F-Ph	H	H	$CH_2CH(CH_3)_2$	Bz	H	H	F	OH
XXVIII-47-5	p-F-Ph	H	H	CH_2Ph	Bz	H	H	F	OH
XXVIII-47-6	p-F-Ph	H	H	CH_2-indol-3-yl	Bz	H	H	F	OH
XXVIII-47-7	p-F-Ph	H	H	$CH_2CH_2SCH_3$	Bz	H	H	F	OH
XXVIII-47-8	p-F-Ph	*	H	*	Bz	H	H	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXVIII-48.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXVIII-48-1	p-Cl-Ph	H	H	H	Bz	H	H	F	OH
XXVIII-48-2	p-Cl-Ph	H	H	CH_3	Bz	H	H	F	OH
XXVIII-48-3	p-Cl-Ph	H	H	$CH(CH_3)_2$	Bz	H	H	F	OH
XXVIII-48-4	p-Cl-Ph	H	H	$CH_2CH(CH_3)_2$	Bz	H	H	F	OH
XXVIII-48-5	p-Cl-Ph	H	H	CH_2Ph	Bz	H	H	F	OH
XXVIII-48-6	p-Cl-Ph	H	H	CH_2-indol-3-yl	Bz	H	H	F	OH
XXVIII-48-7	p-Cl-Ph	H	H	$CH_2CH_2SCH_3$	Bz	H	H	F	OH

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№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXVIII-48-8	p-Cl-Ph	*	H	*	Bz	H	H	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXVIII-49.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXVIII-49-1	p-Br-Ph	H	H	H	Bz	H	H	F	OH
XXVIII-49-2	p-Br-Ph	H	H	CH_3	Bz	H	H	F	OH
XXVIII-49-3	p-Br-Ph	H	H	$CH(CH_3)_2$	Bz	H	H	F	OH
XXVIII-49-4	p-Br-Ph	H	H	$CH_2CH(CH_3)_2$	Bz	H	H	F	OH
XXVIII-49-5	p-Br-Ph	H	H	CH_2Ph	Bz	H	H	F	OH
XXVIII-49-6	p-Br-Ph	H	H	CH_2-indol-3-yl	Bz	H	H	F	OH
XXVIII-49-7	p-Br-Ph	H	H	$CH_2CH_2SCH_3$	Bz	H	H	F	OH
XXVIII-49-8	p-Br-Ph	*	H	*	Bz	H	H	F	OH

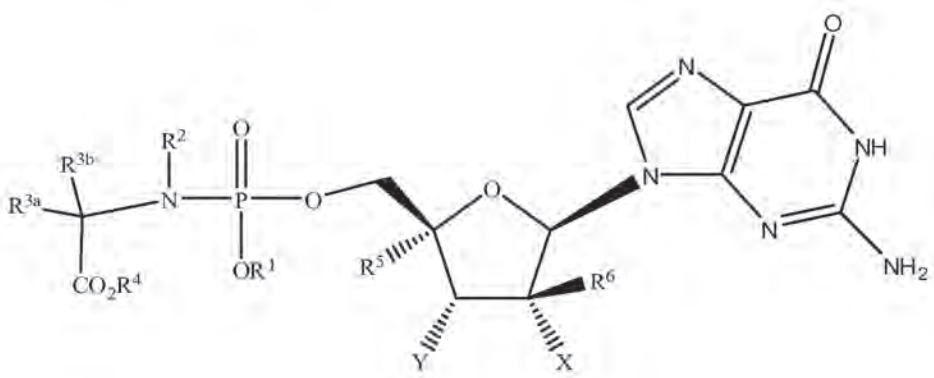
*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXVIII-50.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXVIII-50-1	p-I-Ph	H	H	H	Bz	H	H	F	OH
XXVIII-50-2	p-I-Ph	H	H	CH_3	Bz	H	H	F	OH
XXVIII-50-3	p-I-Ph	H	H	$CH(CH_3)_2$	Bz	H	H	F	OH
XXVIII-50-4	p-I-Ph	H	H	$CH_2CH(CH_3)_2$	Bz	H	H	F	OH
XXVIII-50-5	p-I-Ph	H	H	CH_2Ph	Bz	H	H	F	OH
XXVIII-50-6	p-I-Ph	H	H	CH_2-indol-3-yl	Bz	H	H	F	OH
XXVIII-50-7	p-I-Ph	H	H	$CH_2CH_2SCH_3$	Bz	H	H	F	OH
XXVIII-50-8	p-I-Ph	*	H	*	Bz	H	H	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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XXIX

Table XXIX-1.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXIX-1-1	CH_3	H	H	H	CH_3	H	CH_3	F	OH
XXIX-1-2	CH_3	H	H	CH_3	CH_3	H	CH_3	F	OH
XXIX-1-3	CH_3	H	H	$CH(CH_3)_2$	CH_3	H	CH_3	F	OH
XXIX-1-4	CH_3	H	H	$CH_2CH(CH_3)_2$	CH_3	H	CH_3	F	OH
XXIX-1-5	CH_3	H	H	CH_2Ph	CH_3	H	CH_3	F	OH
XXIX-1-6	CH_3	H	H	CH_2-indol-3-yl	CH_3	H	CH_3	F	OH
XXIX-1-7	CH_3	H	H	$CH_2CH_2SCH_3$	CH_3	H	CH_3	F	OH
XXIX-1-8	CH_3	*	H	*	CH_3	H	CH_3	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXIX-2.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXIX-2-1	Et	H	H	H	CH_3	H	CH_3	F	OH
XXIX-2-2	Et	H	H	CH_3	CH_3	H	CH_3	F	OH
XXIX-2-3	Et	H	H	$CH(CH_3)_2$	CH_3	H	CH_3	F	OH
XXIX-2-4	Et	H	H	$CH_2CH(CH_3)_2$	CH_3	H	CH_3	F	OH
XXIX-2-5	Et	H	H	CH_2Ph	CH_3	H	CH_3	F	OH
XXIX-2-6	Et	H	H	CH_2-indol-3-yl	CH_3	H	CH_3	F	OH
XXIX-2-7	Et	H	H	$CH_2CH_2SCH_3$	CH_3	H	CH_3	F	OH
XXIX-2-8	Et	*	H	*	CH_3	H	CH_3	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXIX-3.

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№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXIX-3-1	^{i}Pr	H	H	H	CH_3	H	CH_3	F	OH
XXIX-3-2	^{i}Pr	H	H	CH_3	CH_3	H	CH_3	F	OH
XXIX-3-3	^{i}Pr	H	H	$CH(CH_3)_2$	CH_3	H	CH_3	F	OH
XXIX-3-4	^{i}Pr	H	H	$CH_2CH(CH_3)_2$	CH_3	H	CH_3	F	OH
XXIX-3-5	^{i}Pr	H	H	CH_2Ph	CH_3	H	CH_3	F	OH
XXIX-3-6	^{i}Pr	H	H	CH_2-indol-3-yl	CH_3	H	CH_3	F	OH
XXIX-3-7	^{i}Pr	H	H	$CH_2CH_2SCH_3$	CH_3	H	CH_3	F	OH
XXIX-3-8	^{i}Pr	*	H	*	CH_3	H	CH_3	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXIX-4.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXIX-4-1	^{t}Bu	H	H	H	CH_3	H	CH_3	F	OH
XXIX-4-2	^{t}Bu	H	H	CH_3	CH_3	H	CH_3	F	OH
XXIX-4-3	^{t}Bu	H	H	$CH(CH_3)_2$	CH_3	H	CH_3	F	OH
XXIX-4-4	^{t}Bu	H	H	$CH_2CH(CH_3)_2$	CH_3	H	CH_3	F	OH
XXIX-4-5	^{t}Bu	H	H	CH_2Ph	CH_3	H	CH_3	F	OH
XXIX-4-6	^{t}Bu	H	H	CH_2-indol-3-yl	CH_3	H	CH_3	F	OH
XXIX-4-7	^{t}Bu	H	H	$CH_2CH_2SCH_3$	CH_3	H	CH_3	F	OH
XXIX-4-8	^{t}Bu	*	H	*	CH_3	H	CH_3	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXIX-5.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXIX-5-1	Ph	H	H	H	CH_3	H	CH_3	F	OH
XXIX-5-2	Ph	H	H	CH_3	CH_3	H	CH_3	F	OH
XXIX-5-3	Ph	H	H	$CH(CH_3)_2$	CH_3	H	CH_3	F	OH
XXIX-5-4	Ph	H	H	$CH_2CH(CH_3)_2$	CH_3	H	CH_3	F	OH
XXIX-5-5	Ph	H	H	CH_2Ph	CH_3	H	CH_3	F	OH
XXIX-5-6	Ph	H	H	CH_2-indol-3-yl	CH_3	H	CH_3	F	OH
XXIX-5-7	Ph	H	H	$CH_2CH_2SCH_3$	CH_3	H	CH_3	F	OH
XXIX-5-8	Ph	*	H	*	CH_3	H	CH_3	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XXIX-6.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXIX-6-1	p-Me-Ph	H	H	H	CH_3	H	CH_3	F	OH
XXIX-6-2	p-Me-Ph	H	H	CH_3	CH_3	H	CH_3	F	OH
XXIX-6-3	p-Me-Ph	H	H	$CH(CH_3)_2$	CH_3	H	CH_3	F	OH
XXIX-6-4	p-Me-Ph	H	H	$CH_2CH(CH_3)_2$	CH_3	H	CH_3	F	OH
XXIX-6-5	p-Me-Ph	H	H	CH_2Ph	CH_3	H	CH_3	F	OH
XXIX-6-6	p-Me-Ph	H	H	CH_2-indol-3-yl	CH_3	H	CH_3	F	OH
XXIX-6-7	p-Me-Ph	H	H	$CH_2CH_2SCH_3$	CH_3	H	CH_3	F	OH
XXIX-6-8	p-Me-Ph	*	H	*	CH_3	H	CH_3	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXIX-7.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXIX-7-1	p-F-Ph	H	H	H	CH_3	H	CH_3	F	OH
XXIX-7-2	p-F-Ph	H	H	CH_3	CH_3	H	CH_3	F	OH
XXIX-7-3	p-F-Ph	H	H	$CH(CH_3)_2$	CH_3	H	CH_3	F	OH
XXIX-7-4	p-F-Ph	H	H	$CH_2CH(CH_3)_2$	CH_3	H	CH_3	F	OH
XXIX-7-6	p-F-Ph	H	H	CH_2Ph	CH_3	H	CH_3	F	OH
XXIX-7-7	p-F-Ph	H	H	CH_2-indol-3-yl	CH_3	H	CH_3	F	OH
XXIX-7-8	p-F-Ph	H	H	$CH_2CH_2SCH_3$	CH_3	H	CH_3	F	OH
XXIX-7-20	p-F-Ph	*	H	*	CH_3	H	CH_3	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXIX-8.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXIX-8-1	p-Cl-Ph	H	H	H	CH_3	H	CH_3	F	OH
XXIX-8-2	p-Cl-Ph	H	H	CH_3	CH_3	H	CH_3	F	OH
XXIX-8-3	p-Cl-Ph	H	H	$CH(CH_3)_2$	CH_3	H	CH_3	F	OH
XXIX-8-4	p-Cl-Ph	H	H	$CH_2CH(CH_3)_2$	CH_3	H	CH_3	F	OH
XXIX-8-5	p-Cl-Ph	H	H	CH_2Ph	CH_3	H	CH_3	F	OH
XXIX-8-6	p-Cl-Ph	H	H	CH_2-indol-3-yl	CH_3	H	CH_3	F	OH
XXIX-8-7	p-Cl-Ph	H	H	$CH_2CH_2SCH_3$	CH_3	H	CH_3	F	OH
XXIX-8-8	p-Cl-Ph	*	H	*	CH_3	H	CH_3	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XXIX-9.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXIX-9-1	p-Br-Ph	H	H	H	CH_3	H	CH_3	F	OH
XXIX-9-2	p-Br-Ph	H	H	CH_3	CH_3	H	CH_3	F	OH
XXIX-9-3	p-Br-Ph	H	H	$CH(CH_3)_2$	CH_3	H	CH_3	F	OH
XXIX-9-4	p-Br-Ph	H	H	$CH_2CH(CH_3)_2$	CH_3	H	CH_3	F	OH
XXIX-9-6	p-Br-Ph	H	H	CH_2Ph	CH_3	H	CH_3	F	OH
XXIX-9-7	p-Br-Ph	H	H	CH_2-indol-3-yl	CH_3	H	CH_3	F	OH
XXIX-9-8	p-Br-Ph	H	H	$CH_2CH_2SCH_3$	CH_3	H	CH_3	F	OH
XXIX-9-20	p-Br-Ph	*	H	*	CH_3	H	CH_3	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXIX-10.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXIX-10-1	p-I-Ph	H	H	H	CH_3	H	CH_3	F	OH
XXIX-10-2	p-I-Ph	H	H	CH_3	CH_3	H	CH_3	F	OH
XXIX-10-3	p-I-Ph	H	H	$CH(CH_3)_2$	CH_3	H	CH_3	F	OH
XXIX-10-4	p-I-Ph	H	H	$CH_2CH(CH_3)_2$	CH_3	H	CH_3	F	OH
XXIX-10-5	p-I-Ph	H	H	CH_2Ph	CH_3	H	CH_3	F	OH
XXIX-10-6	p-I-Ph	H	H	CH_2-indol-3-yl	CH_3	H	CH_3	F	OH
XXIX-10-7	p-I-Ph	H	H	$CH_2CH_2SCH_3$	CH_3	H	CH_3	F	OH
XXIX-10-8	p-I-Ph	*	H	*	CH_3	H	CH_3	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXIX-11.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXIX-11-1	CH_3	H	H	H	Et	H	CH_3	F	OH
XXIX-11-2	CH_3	H	H	CH_3	Et	H	CH_3	F	OH
XXIX-11-3	CH_3	H	H	$CH(CH_3)_2$	Et	H	CH_3	F	OH
XXIX-11-4	CH_3	H	H	$CH_2CH(CH_3)_2$	Et	H	CH_3	F	OH
XXIX-11-5	CH_3	H	H	CH_2Ph	Et	H	CH_3	F	OH
XXIX-11-6	CH_3	H	H	CH_2-indol-3-yl	Et	H	CH_3	F	OH
XXIX-11-7	CH_3	H	H	$CH_2CH_2SCH_3$	Et	H	CH_3	F	OH
XXIX-11-8	CH_3	*	H	*	Et	H	CH_3	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XXIX-12.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXIX-12-1	Et	H	H	H	Et	H	CH_3	F	OH
XXIX-12-2	Et	H	H	CH_3	Et	H	CH_3	F	OH
XXIX-12-3	Et	H	H	$CH(CH_3)_2$	Et	H	CH_3	F	OH
XXIX-12-4	Et	H	H	$CH_2CH(CH_3)_2$	Et	H	CH_3	F	OH
XXIX-12-5	Et	H	H	CH_2Ph	Et	H	CH_3	F	OH
XXIX-12-6	Et	H	H	CH_2-indol-3-yl	Et	H	CH_3	F	OH
XXIX-12-7	Et	H	H	$CH_2CH_2SCH_3$	Et	H	CH_3	F	OH
XXIX-12-8	Et	*	H	*	Et	H	CH_3	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXIX-13.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXIX-13-1	^{i}Pr	H	H	H	Et	H	CH_3	F	OH
XXIX-13-2	^{i}Pr	H	H	CH_3	Et	H	CH_3	F	OH
XXIX-13-3	^{i}Pr	H	H	$CH(CH_3)_2$	Et	H	CH_3	F	OH
XXIX-13-4	^{i}Pr	H	H	$CH_2CH(CH_3)_2$	Et	H	CH_3	F	OH
XXIX-13-5	^{i}Pr	H	H	CH_2Ph	Et	H	CH_3	F	OH
XXIX-13-6	^{i}Pr	H	H	CH_2-indol-3-yl	Et	H	CH_3	F	OH
XXIX-13-7	^{i}Pr	H	H	$CH_2CH_2SCH_3$	Et	H	CH_3	F	OH
XXIX-13-8	^{i}Pr	*	H	*	Et	H	CH_3	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXIX-14.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXIX-14-1	^{t}Bu	H	H	H	Et	H	CH_3	F	OH
XXIX-14-2	^{t}Bu	H	H	CH_3	Et	H	CH_3	F	OH
XXIX-14-3	^{t}Bu	H	H	$CH(CH_3)_2$	Et	H	CH_3	F	OH
XXIX-14-4	^{t}Bu	H	H	$CH_2CH(CH_3)$ 2	Et	H	CH_3	F	OH
XXIX-14-5	^{t}Bu	H	H	CH_2Ph	Et	H	CH_3	F	OH
XXIX-14-6	^{t}Bu	H	H	CH_2-indol-3-yl	Et	H	CH_3	F	OH
XXIX-14-7	^{t}Bu	H	H	CH_2CH_2SCH	Et	H	CH_3	F	OH

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№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXIX-14-8	^{t}Bu	*	H	*	Et	H	CH_3	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXIX-15.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXIX-15-1	Ph	H	H	H	Et	H	CH_3	F	OH
XXIX-15-2	Ph	H	H	CH_3	Et	H	CH_3	F	OH
XXIX-15-3	Ph	H	H	$CH(CH_3)_2$	Et	H	CH_3	F	OH
XXIX-15-4	Ph	H	H	$CH_2CH(CH_3)_2$	Et	H	CH_3	F	OH
XXIX-15-5	Ph	H	H	CH_2Ph	Et	H	CH_3	F	OH
XXIX-15-6	Ph	H	H	CH_2-indol-3-yl	Et	H	CH_3	F	OH
XXIX-15-7	Ph	H	H	$CH_2CH_2SCH_3$	Et	H	CH_3	F	OH
XXIX-15-8	Ph	*	H	*	Et	H	CH_3	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXIX-16.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXIX-16-1	p-Me-Ph	H	H	H	Et	H	CH_3	F	OH
XXIX-16-2	p-Me-Ph	H	H	CH_3	Et	H	CH_3	F	OH
XXIX-16-3	p-Me-Ph	H	H	$CH(CH_3)_2$	Et	H	CH_3	F	OH
XXIX-16-4	p-Me-Ph	H	H	$CH_2CH(CH_3)_2$	Et	H	CH_3	F	OH
XXIX-16-5	p-Me-Ph	H	H	CH_2Ph	Et	H	CH_3	F	OH
XXIX-16-6	p-Me-Ph	H	H	CH_2-indol-3-yl	Et	H	CH_3	F	OH
XXIX-16-7	p-Me-Ph	H	H	$CH_2CH_2SCH_3$	Et	H	CH_3	F	OH
XXIX-16-8	p-Me-Ph	*	H	*	Et	H	CH_3	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXIX-17.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXIX-17-1	p-F-Ph	H	H	H	Et	H	CH_3	F	OH
XXIX-17-2	p-F-Ph	H	H	CH_3	Et	H	CH_3	F	OH
XXIX-17-3	p-F-Ph	H	H	$CH(CH_3)_2$	Et	H	CH_3	F	OH
XXIX-17-4	p-F-Ph	H	H	$CH_2CH(CH_3)_2$	Et	H	CH_3	F	OH

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№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXIX-17-5	p-F-Ph	H	H	CH_2Ph	Et	H	CH_3	F	OH
XXIX-17-6	p-F-Ph	H	H	CH_2-indol-3-yl	Et	H	CH_3	F	OH
XXIX-17-7	p-F-Ph	H	H	$CH_2CH_2SCH_3$	Et	H	CH_3	F	OH
XXIX-17-8	p-F-Ph	*	H	*	Et	H	CH_3	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXIX-18.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXIX-18-1	p-Cl-Ph	H	H	H	Et	H	CH_3	F	OH
XXIX-18-2	p-Cl-Ph	H	H	CH_3	Et	H	CH_3	F	OH
XXIX-18-3	p-Cl-Ph	H	H	$CH(CH_3)_2$	Et	H	CH_3	F	OH
XXIX-18-4	p-Cl-Ph	H	H	$CH_2CH(CH_3)_2$	Et	H	CH_3	F	OH
XXIX-18-5	p-Cl-Ph	H	H	CH_2Ph	Et	H	CH_3	F	OH
XXIX-18-6	p-Cl-Ph	H	H	CH_2-indol-3-yl	Et	H	CH_3	F	OH
XXIX-18-7	p-Cl-Ph	H	H	$CH_2CH_2SCH_3$	Et	H	CH_3	F	OH
XXIX-18-8	p-Cl-Ph	*	H	*	Et	H	CH_3	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXIX-19.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXIX-19-1	p-Br-Ph	H	H	H	Et	H	CH_3	F	OH
XXIX-19-2	p-Br-Ph	H	H	CH_3	Et	H	CH_3	F	OH
XXIX-19-3	p-Br-Ph	H	H	$CH(CH_3)_2$	Et	H	CH_3	F	OH
XXIX-19-4	p-Br-Ph	H	H	$CH_2CH(CH_3)_2$	Et	H	CH_3	F	OH
XXIX-19-5	p-Br-Ph	H	H	CH_2Ph	Et	H	CH_3	F	OH
XXIX-19-6	p-Br-Ph	H	H	CH_2-indol-3-yl	Et	H	CH_3	F	OH
XXIX-19-7	p-Br-Ph	H	H	$CH_2CH_2SCH_3$	Et	H	CH_3	F	OH
XXIX-19-8	p-Br-Ph	*	H	*	Et	H	CH_3	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXIX-20.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXIX-20-1	p-I-Ph	H	H	H	Et	H	CH_3	F	OH
XXIX-20-2	p-I-Ph	H	H	CH_3	Et	H	CH_3	F	OH

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№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXIX-20-3	p-I-Ph	H	H	$CH(CH_3)_2$	Et	H	CH_3	F	OH
XXIX-20-4	p-I-Ph	H	H	$CH_2CH(CH_3)_2$	Et	H	CH_3	F	OH
XXIX-20-5	p-I-Ph	H	H	CH_2Ph	Et	H	CH_3	F	OH
XXIX-20-6	p-I-Ph	H	H	CH_2-indol-3-yl	Et	H	CH_3	F	OH
XXIX-20-7	p-I-Ph	H	H	$CH_2CH_2SCH_3$	Et	H	CH_3	F	OH
XXIX-20-8	p-I-Ph	*	H	*	Et	H	CH_3	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXIX-21.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXIX-21-1	CH_3	H	H	H	^{i}Pr	H	CH_3	F	OH
XXIX-21-2	CH_3	H	H	CH_3	^{i}Pr	H	CH_3	F	OH
XXIX-21-3	CH_3	H	H	$CH(CH_3)_2$	^{i}Pr	H	CH_3	F	OH
XXIX-21-4	CH_3	H	H	$CH_2CH(CH_3)_2$	^{i}Pr	H	CH_3	F	OH
XXIX-21-5	CH_3	H	H	CH_2Ph	^{i}Pr	H	CH_3	F	OH
XXIX-21-6	CH_3	H	H	CH_2-indol-3-yl	^{i}Pr	H	CH_3	F	OH
XXIX-21-7	CH_3	H	H	$CH_2CH_2SCH_3$	^{i}Pr	H	CH_3	F	OH
XXIX-21-8	CH_3	*	H	*	^{i}Pr	H	CH_3	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXIX-22.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXIX-22-1	Et	H	H	H	^{i}Pr	H	CH_3	F	OH
XXIX-22-2	Et	H	H	CH_3	^{i}Pr	H	CH_3	F	OH
XXIX-22-3	Et	H	H	$CH(CH_3)_2$	^{i}Pr	H	CH_3	F	OH
XXIX-22-4	Et	H	H	$CH_2CH(CH_3)_2$	^{i}Pr	H	CH_3	F	OH
XXIX-22-5	Et	H	H	CH_2Ph	^{i}Pr	H	CH_3	F	OH
XXIX-22-6	Et	H	H	CH_2-indol-3-yl	^{i}Pr	H	CH_3	F	OH
XXIX-22-7	Et	H	H	$CH_2CH_2SCH_3$	^{i}Pr	H	CH_3	F	OH
XXIX-22-8	Et	*	H	*	^{i}Pr	H	CH_3	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXIX-23.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y

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№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXIX-23-1	^{i}Pr	H	H	H	^{i}Pr	H	CH_3	F	OH
XXIX-23-2	^{i}Pr	H	H	CH_3	^{i}Pr	H	CH_3	F	OH
XXIX-23-3	^{i}Pr	H	H	$CH(CH_3)_2$	^{i}Pr	H	CH_3	F	OH
XXIX-23-4	^{i}Pr	H	H	$CH_2CH(CH_3)_2$	^{i}Pr	H	CH_3	F	OH
XXIX-23-5	^{i}Pr	H	H	CH_2Ph	^{i}Pr	H	CH_3	F	OH
XXIX-23-6	^{i}Pr	H	H	CH_2-indol-3-yl	^{i}Pr	H	CH_3	F	OH
XXIX-23-7	^{i}Pr	H	H	$CH_2CH_2SCH_3$	^{i}Pr	H	CH_3	F	OH
XXIX-23-8	^{i}Pr	*	H	*	^{i}Pr	H	CH_3	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXIX-24.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXIX-24-1	^{t}Bu	H	H	H	^{i}Pr	H	CH_3	F	OH
XXIX-24-2	^{t}Bu	H	H	CH_3	^{i}Pr	H	CH_3	F	OH
XXIX-24-3	^{t}Bu	H	H	$CH(CH_3)_2$	^{i}Pr	H	CH_3	F	OH
XXIX-24-4	^{t}Bu	H	H	$CH_2CH(CH_3)_2$	^{i}Pr	H	CH_3	F	OH
XXIX-24-5	^{t}Bu	H	H	CH_2Ph	^{i}Pr	H	CH_3	F	OH
XXIX-24-6	^{t}Bu	H	H	CH_2-indol-3-yl	^{i}Pr	H	CH_3	F	OH
XXIX-24-7	^{t}Bu	H	H	$CH_2CH_2SCH_3$	^{i}Pr	H	CH_3	F	OH
XXIX-24-8	^{t}Bu	*	H	*	^{i}Pr	H	CH_3	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXIX-25.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXIX-25-1	Ph	H	H	H	^{i}Pr	H	CH_3	F	OH
XXIX-25-2	Ph	H	H	CH_3	^{i}Pr	H	CH_3	F	OH
XXIX-25-3	Ph	H	H	$CH(CH_3)_2$	^{i}Pr	H	CH_3	F	OH
XXIX-25-4	Ph	H	H	$CH_2CH(CH_3)_2$	^{i}Pr	H	CH_3	F	OH
XXIX-25-5	Ph	H	H	CH_2Ph	^{i}Pr	H	CH_3	F	OH
XXIX-25-6	Ph	H	H	CH_2-indol-3-yl	^{i}Pr	H	CH_3	F	OH
XXIX-25-7	Ph	H	H	$CH_2CH_2SCH_3$	^{i}Pr	H	CH_3	F	OH
XXIX-25-8	Ph	*	H	*	^{i}Pr	H	CH_3	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XXIX-26.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXIX-26-1	p-Me-Ph	H	H	H	^{i}Pr	H	CH_3	F	OH
XXIX-26-2	p-Me-Ph	H	H	CH_3	^{i}Pr	H	CH_3	F	OH
XXIX-26-3	p-Me-Ph	H	H	$CH(CH_3)_2$	^{i}Pr	H	CH_3	F	OH
XXIX-26-4	p-Me-Ph	H	H	$CH_2CH(CH_3)_2$	^{i}Pr	H	CH_3	F	OH
XXIX-26-5	p-Me-Ph	H	H	CH_2Ph	^{i}Pr	H	CH_3	F	OH
XXIX-26-6	p-Me-Ph	H	H	CH_2-indol-3-yl	^{i}Pr	H	CH_3	F	OH
XXIX-26-7	p-Me-Ph	H	H	$CH_2CH_2SCH_3$	^{i}Pr	H	CH_3	F	OH
XXIX-26-8	p-Me-Ph	*	H	*	^{i}Pr	H	CH_3	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXIX-27.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXIX-27-1	p-F-Ph	H	H	H	^{i}Pr	H	CH_3	F	OH
XXIX-27-2	p-F-Ph	H	H	CH_3	^{i}Pr	H	CH_3	F	OH
XXIX-27-3	p-F-Ph	H	H	$CH(CH_3)_2$	^{i}Pr	H	CH_3	F	OH
XXIX-27-4	p-F-Ph	H	H	$CH_2CH(CH_3)_2$	^{i}Pr	H	CH_3	F	OH
XXIX-27-5	p-F-Ph	H	H	CH_2Ph	^{i}Pr	H	CH_3	F	OH
XXIX-27-6	p-F-Ph	H	H	CH_2-indol-3-yl	^{i}Pr	H	CH_3	F	OH
XXIX-27-7	p-F-Ph	H	H	$CH_2CH_2SCH_3$	^{i}Pr	H	CH_3	F	OH
XXIX-27-8	p-F-Ph	*	H	*	^{i}Pr	H	CH_3	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXIX-28.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXIX-28-1	p-Cl-Ph	H	H	H	^{i}Pr	H	CH_3	F	OH
XXIX-28-2	p-Cl-Ph	H	H	CH_3	^{i}Pr	H	CH_3	F	OH
XXIX-28-3	p-Cl-Ph	H	H	$CH(CH_3)_2$	^{i}Pr	H	CH_3	F	OH
XXIX-28-4	p-Cl-Ph	H	H	$CH_2CH(CH_3)_2$	^{i}Pr	H	CH_3	F	OH
XXIX-28-5	p-Cl-Ph	H	H	CH_2Ph	^{i}Pr	H	CH_3	F	OH
XXIX-28-6	p-Cl-Ph	H	H	CH_2-indol-3-yl	^{i}Pr	H	CH_3	F	OH
XXIX-28-7	p-Cl-Ph	H	H	$CH_2CH_2SCH_3$	^{i}Pr	H	CH_3	F	OH
XXIX-28-8	p-Cl-Ph	*	H	*	^{i}Pr	H	CH_3	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XXIX-29.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXIX-29-1	p-Br-Ph	H	H	H	^{i}Pr	H	CH_3	F	OH
XXIX-29-2	p-Br-Ph	H	H	CH_3	^{i}Pr	H	CH_3	F	OH
XXIX-29-3	p-Br-Ph	H	H	$CH(CH_3)_2$	^{i}Pr	H	CH_3	F	OH
XXIX-29-4	p-Br-Ph	H	H	$CH_2CH(CH_3)_2$	^{i}Pr	H	CH_3	F	OH
XXIX-29-5	p-Br-Ph	H	H	CH_2Ph	^{i}Pr	H	CH_3	F	OH
XXIX-29-6	p-Br-Ph	H	H	CH_2-indol-3-yl	^{i}Pr	H	CH_3	F	OH
XXIX-29-7	p-Br-Ph	H	H	$CH_2CH_2SCH_3$	^{i}Pr	H	CH_3	F	OH
XXIX-29-8	p-Br-Ph	*	H	*	^{i}Pr	H	CH_3	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXIX-30.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXIX-30-1	p-I-Ph	H	H	H	^{i}Pr	H	CH_3	F	OH
XXIX-30-2	p-I-Ph	H	H	CH_3	^{i}Pr	H	CH_3	F	OH
XXIX-30-3	p-I-Ph	H	H	$CH(CH_3)_2$	^{i}Pr	H	CH_3	F	OH
XXIX-30-4	p-I-Ph	H	H	$CH_2CH(CH_3)_2$	^{i}Pr	H	CH_3	F	OH
XXIX-30-5	p-I-Ph	H	H	CH_2Ph	^{i}Pr	H	CH_3	F	OH
XXIX-30-6	p-I-Ph	H	H	CH_2-indol-3-yl	^{i}Pr	H	CH_3	F	OH
XXIX-30-7	p-I-Ph	H	H	$CH_2CH_2SCH_3$	^{i}Pr	H	CH_3	F	OH
XXIX-30-8	p-I-Ph	*	H	*	^{i}Pr	H	CH_3	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXIX-31.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXIX-31-1	CH_3	H	H	H	^{n}Bu	H	CH_3	F	OH
XXIX-31-2	CH_3	H	H	CH_3	^{n}Bu	H	CH_3	F	OH
XXIX-31-3	CH_3	H	H	$CH(CH_3)_2$	^{n}Bu	H	CH_3	F	OH
XXIX-31-4	CH_3	H	H	$CH_2CH(CH_3)_2$	^{n}Bu	H	CH_3	F	OH
XXIX-31-5	CH_3	H	H	CH_2Ph	^{n}Bu	H	CH_3	F	OH
XXIX-31-6	CH_3	H	H	CH_2-indol-3-yl	^{n}Bu	H	CH_3	F	OH
XXIX-31-7	CH_3	H	H	$CH_2CH_2SCH_3$	^{n}Bu	H	CH_3	F	OH
XXIX-31-8	CH_3	*	H	*	^{n}Bu	H	CH_3	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XXIX-32.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXIX-32-1	Et	H	H	H	^{n}Bu	H	CH_3	F	OH
XXIX-32-2	Et	H	H	CH_3	^{n}Bu	H	CH_3	F	OH
XXIX-32-3	Et	H	H	$CH(CH_3)_2$	^{n}Bu	H	CH_3	F	OH
XXIX-32-4	Et	H	H	$CH_2CH(CH_3)_2$	^{n}Bu	H	CH_3	F	OH
XXIX-32-5	Et	H	H	CH_2Ph	^{n}Bu	H	CH_3	F	OH
XXIX-32-6	Et	H	H	CH_2-indol-3-yl	^{n}Bu	H	CH_3	F	OH
XXIX-32-7	Et	H	H	$CH_2CH_2SCH_3$	^{n}Bu	H	CH_3	F	OH
XXIX-32-8	Et	*	H	*	^{n}Bu	H	CH_3	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXIX-33.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXIX-33-1	^{i}Pr	H	H	H	^{n}Bu	H	CH_3	F	OH
XXIX-33-2	^{i}Pr	H	H	CH_3	^{n}Bu	H	CH_3	F	OH
XXIX-33-3	^{i}Pr	H	H	$CH(CH_3)_2$	^{n}Bu	H	CH_3	F	OH
XXIX-33-4	^{i}Pr	H	H	$CH_2CH(CH_3)_2$	^{n}Bu	H	CH_3	F	OH
XXIX-33-5	^{i}Pr	H	H	CH_2Ph	^{n}Bu	H	CH_3	F	OH
XXIX-33-6	^{i}Pr	H	H	CH_2-indol-3-yl	^{n}Bu	H	CH_3	F	OH
XXIX-33-7	^{i}Pr	H	H	$CH_2CH_2SCH_3$	^{n}Bu	H	CH_3	F	OH
XXIX-33-8	^{i}Pr	*	H	*	^{n}Bu	H	CH_3	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXIX-34.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXIX-34-1	^{t}Bu	H	H	H	^{n}Bu	H	CH_3	F	OH
XXIX-34-2	^{t}Bu	H	H	CH_3	^{n}Bu	H	CH_3	F	OH
XXIX-34-3	^{t}Bu	H	H	$CH(CH_3)_2$	^{n}Bu	H	CH_3	F	OH
XXIX-34-4	^{t}Bu	H	H	$CH_2CH(CH_3)_2$	^{n}Bu	H	CH_3	F	OH
XXIX-34-5	^{t}Bu	H	H	CH_2Ph	^{n}Bu	H	CH_3	F	OH
XXIX-34-6	^{t}Bu	H	H	CH_2-indol-3-yl	^{n}Bu	H	CH_3	F	OH
XXIX-34-7	^{t}Bu	H	H	$CH_2CH_2SCH_3$	^{n}Bu	H	CH_3	F	OH
XXIX-34-8	^{t}Bu	*	H	*	^{n}Bu	H	CH_3	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XXIX-35.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXIX-35-1	Ph	H	H	H	^{n}Bu	H	CH_3	F	OH
XXIX-35-2	Ph	H	H	CH_3	^{n}Bu	H	CH_3	F	OH
XXIX-35-3	Ph	H	H	$CH(CH_3)_2$	^{n}Bu	H	CH_3	F	OH
XXIX-35-4	Ph	H	H	$CH_2CH(CH_3)_2$	^{n}Bu	H	CH_3	F	OH
XXIX-35-5	Ph	H	H	CH_2Ph	^{n}Bu	H	CH_3	F	OH
XXIX-35-6	Ph	H	H	CH_2-indol-3-yl	^{n}Bu	H	CH_3	F	OH
XXIX-35-7	Ph	H	H	$CH_2CH_2SCH_3$	^{n}Bu	H	CH_3	F	OH
XXIX-35-8	Ph	*	H	*	^{n}Bu	H	CH_3	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXIX-36.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXIX-36-1	p-Me-Ph	H	H	H	^{n}Bu	H	CH_3	F	OH
XXIX-36-2	p-Me-Ph	H	H	CH_3	^{n}Bu	H	CH_3	F	OH
XXIX-36-3	p-Me-Ph	H	H	$CH(CH_3)_2$	^{n}Bu	H	CH_3	F	OH
XXIX-36-4	p-Me-Ph	H	H	$CH_2CH(CH_3)_2$	^{n}Bu	H	CH_3	F	OH
XXIX-36-5	p-Me-Ph	H	H	CH_2Ph	^{n}Bu	H	CH_3	F	OH
XXIX-36-6	p-Me-Ph	H	H	CH_2-indol-3-yl	^{n}Bu	H	CH_3	F	OH
XXIX-36-7	p-Me-Ph	H	H	$CH_2CH_2SCH_3$	^{n}Bu	H	CH_3	F	OH
XXIX-36-8	p-Me-Ph	*	H	*	^{n}Bu	H	CH_3	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXIX-37.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXIX-37-1	p-F-Ph	H	H	H	^{n}Bu	H	CH_3	F	OH
XXIX-37-2	p-F-Ph	H	H	CH_3	^{n}Bu	H	CH_3	F	OH
XXIX-37-3	p-F-Ph	H	H	$CH(CH_3)_2$	^{n}Bu	H	CH_3	F	OH
XXIX-37-4	p-F-Ph	H	H	$CH_2CH(CH_3)_2$	^{n}Bu	H	CH_3	F	OH
XXIX-37-5	p-F-Ph	H	H	CH_2Ph	^{n}Bu	H	CH_3	F	OH
XXIX-37-6	p-F-Ph	H	H	CH_2-indol-3-yl	^{n}Bu	H	CH_3	F	OH
XXIX-37-7	p-F-Ph	H	H	$CH_2CH_2SCH_3$	^{n}Bu	H	CH_3	F	OH
XXIX-37-8	p-F-Ph	*	H	*	^{n}Bu	H	CH_3	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XXIX-38.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXIX-38-1	p-Cl-Ph	H	H	H	^{n}Bu	H	CH_3	F	OH
XXIX-38-2	p-Cl-Ph	H	H	CH_3	^{n}Bu	H	CH_3	F	OH
XXIX-38-3	p-Cl-Ph	H	H	$CH(CH_3)_2$	^{n}Bu	H	CH_3	F	OH
XXIX-38-4	p-Cl-Ph	H	H	$CH_2CH(CH_3)_2$	^{n}Bu	H	CH_3	F	OH
XXIX-38-5	p-Cl-Ph	H	H	CH_2Ph	^{n}Bu	H	CH_3	F	OH
XXIX-38-6	p-Cl-Ph	H	H	CH_2-indol-3-yl	^{n}Bu	H	CH_3	F	OH
XXIX-38-7	p-Cl-Ph	H	H	$CH_2CH_2SCH_3$	^{n}Bu	H	CH_3	F	OH
XXIX-38-8	p-Cl-Ph	*	H	*	^{n}Bu	H	CH_3	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXIX-39.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXIX-39-1	p-Br-Ph	H	H	H	^{n}Bu	H	CH_3	F	OH
XXIX-39-2	p-Br-Ph	H	H	CH_3	^{n}Bu	H	CH_3	F	OH
XXIX-39-3	p-Br-Ph	H	H	$CH(CH_3)_2$	^{n}Bu	H	CH_3	F	OH
XXIX-39-4	p-Br-Ph	H	H	$CH_2CH(CH_3)_2$	^{n}Bu	H	CH_3	F	OH
XXIX-39-5	p-Br-Ph	H	H	CH_2Ph	^{n}Bu	H	CH_3	F	OH
XXIX-39-6	p-Br-Ph	H	H	CH_2-indol-3-yl	^{n}Bu	H	CH_3	F	OH
XXIX-39-7	p-Br-Ph	H	H	$CH_2CH_2SCH_3$	^{n}Bu	H	CH_3	F	OH
XXIX-39-8	p-Br-Ph	*	H	*	^{n}Bu	H	CH_3	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXIX-40.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXIX-40-1	p-I-Ph	H	H	H	^{n}Bu	H	CH_3	F	OH
XXIX-40-2	p-I-Ph	H	H	CH_3	^{n}Bu	H	CH_3	F	OH
XXIX-40-3	p-I-Ph	H	H	$CH(CH_3)_2$	^{n}Bu	H	CH_3	F	OH
XXIX-40-4	p-I-Ph	H	H	$CH_2CH(CH_3)_2$	^{n}Bu	H	CH_3	F	OH
XXIX-40-5	p-I-Ph	H	H	CH_2Ph	^{n}Bu	H	CH_3	F	OH
XXIX-40-6	p-I-Ph	H	H	CH_2-indol-3-yl	^{n}Bu	H	CH_3	F	OH
XXIX-40-7	p-I-Ph	H	H	$CH_2CH_2SCH_3$	^{n}Bu	H	CH_3	F	OH
XXIX-40-8	p-I-Ph	*	H	*	^{n}Bu	H	CH_3	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XXIX-41.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXIX-41-1	CH_3	H	H	H	Bz	H	CH_3	F	OH
XXIX-41-2	CH_3	H	H	CH_3	Bz	H	CH_3	F	OH
XXIX-41-3	CH_3	H	H	$CH(CH_3)_2$	Bz	H	CH_3	F	OH
XXIX-41-4	CH_3	H	H	$CH_2CH(CH_3)_2$	Bz	H	CH_3	F	OH
XXIX-41-5	CH_3	H	H	CH_2Ph	Bz	H	CH_3	F	OH
XXIX-41-6	CH_3	H	H	CH_2-indol-3-yl	Bz	H	CH_3	F	OH
XXIX-41-7	CH_3	H	H	$CH_2CH_2SCH_3$	Bz	H	CH_3	F	OH
XXIX-41-8	CH_3	*	H	*	Bz	H	CH_3	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXIX-42.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXIX-42-1	Et	H	H	H	Bz	H	CH_3	F	OH
XXIX-42-2	Et	H	H	CH_3	Bz	H	CH_3	F	OH
XXIX-42-3	Et	H	H	$CH(CH_3)_2$	Bz	H	CH_3	F	OH
XXIX-42-4	Et	H	H	$CH_2CH(CH_3)_2$	Bz	H	CH_3	F	OH
XXIX-42-5	Et	H	H	CH_2Ph	Bz	H	CH_3	F	OH
XXIX-42-6	Et	H	H	CH_2-indol-3-yl	Bz	H	CH_3	F	OH
XXIX-42-7	Et	H	H	$CH_2CH_2SCH_3$	Bz	H	CH_3	F	OH
XXIX-42-8	Et	*	H	*	Bz	H	CH_3	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXIX-43.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXIX-43-1	^{i}Pr	H	H	H	Bz	H	CH_3	F	OH
XXIX-43-2	^{i}Pr	H	H	CH_3	Bz	H	CH_3	F	OH
XXIX-43-3	^{i}Pr	H	H	$CH(CH_3)_2$	Bz	H	CH_3	F	OH
XXIX-43-4	^{i}Pr	H	H	$CH_2CH(CH_3)_2$	Bz	H	CH_3	F	OH
XXIX-43-5	^{i}Pr	H	H	CH_2Ph	Bz	H	CH_3	F	OH
XXIX-43-6	^{i}Pr	H	H	CH_2-indol-3-yl	Bz	H	CH_3	F	OH
XXIX-43-7	^{i}Pr	H	H	$CH_2CH_2SCH_3$	Bz	H	CH_3	F	OH
XXIX-43-8	^{i}Pr	*	H	*	Bz	H	CH_3	F	OH

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*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXIX-44.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXIX-44-1	^{t}Bu	H	H	H	Bz	H	CH_3	F	OH
XXIX-44-2	^{t}Bu	H	H	CH_3	Bz	H	CH_3	F	OH
XXIX-44-3	^{t}Bu	H	H	$CH(CH_3)_2$	Bz	H	CH_3	F	OH
XXIX-44-4	^{t}Bu	H	H	$CH_2CH(CH_3)_2$	Bz	H	CH_3	F	OH
XXIX-44-5	^{t}Bu	H	H	CH_2Ph	Bz	H	CH_3	F	OH
XXIX-44-6	^{t}Bu	H	H	CH_2-indol-3-yl	Bz	H	CH_3	F	OH
XXIX-44-7	^{t}Bu	H	H	$CH_2CH_2SCH_3$	Bz	H	CH_3	F	OH
XXIX-44-8	^{t}Bu	*	H	*	Bz	H	CH_3	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXIX-45.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXIX-45-1	Ph	H	H	H	Bz	H	CH_3	F	OH
XXIX-45-2	Ph	H	H	CH_3	Bz	H	CH_3	F	OH
XXIX-45-3	Ph	H	H	$CH(CH_3)_2$	Bz	H	CH_3	F	OH
XXIX-45-4	Ph	H	H	$CH_2CH(CH_3)_2$	Bz	H	CH_3	F	OH
XXIX-45-5	Ph	H	H	CH_2Ph	Bz	H	CH_3	F	OH
XXIX-45-6	Ph	H	H	CH_2-indol-3-yl	Bz	H	CH_3	F	OH
XXIX-45-7	Ph	H	H	$CH_2CH_2SCH_3$	Bz	H	CH_3	F	OH
XXIX-45-8	Ph	*	H	*	Bz	H	CH_3	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXIX-46.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXIX-46-1	p-Me-Ph	H	H	H	Bz	H	CH_3	F	OH
XXIX-46-2	p-Me-Ph	H	H	CH_3	Bz	H	CH_3	F	OH
XXIX-46-3	p-Me-Ph	H	H	$CH(CH_3)_2$	Bz	H	CH_3	F	OH
XXIX-46-4	p-Me-Ph	H	H	$CH_2CH(CH_3)_2$	Bz	H	CH_3	F	OH
XXIX-46-5	p-Me-Ph	H	H	CH_2Ph	Bz	H	CH_3	F	OH
XXIX-46-6	p-Me-Ph	H	H	CH_2-indol-3-yl	Bz	H	CH_3	F	OH
XXIX-46-7	p-Me-Ph	H	H	$CH_2CH_2SCH_3$	Bz	H	CH_3	F	OH

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№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXIX-46-8	p-Me-Ph	*	H	*	Bz	H	CH_3	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXIX-47.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXIX-47-1	p-F-Ph	H	H	H	Bz	H	CH_3	F	OH
XXIX-47-2	p-F-Ph	H	H	CH_3	Bz	H	CH_3	F	OH
XXIX-47-3	p-F-Ph	H	H	$CH(CH_3)_2$	Bz	H	CH_3	F	OH
XXIX-47-4	p-F-Ph	H	H	$CH_2CH(CH_3)_2$	Bz	H	CH_3	F	OH
XXIX-47-5	p-F-Ph	H	H	CH_2Ph	Bz	H	CH_3	F	OH
XXIX-47-6	p-F-Ph	H	H	CH_2-indol-3-yl	Bz	H	CH_3	F	OH
XXIX-47-7	p-F-Ph	H	H	$CH_2CH_2SCH_3$	Bz	H	CH_3	F	OH
XXIX-47-8	p-F-Ph	*	H	*	Bz	H	CH_3	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXIX-48.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXIX-48-1	p-Cl-Ph	H	H	H	Bz	H	CH_3	F	OH
XXIX-48-2	p-Cl-Ph	H	H	CH_3	Bz	H	CH_3	F	OH
XXIX-48-3	p-Cl-Ph	H	H	$CH(CH_3)_2$	Bz	H	CH_3	F	OH
XXIX-48-4	p-Cl-Ph	H	H	$CH_2CH(CH_3)_2$	Bz	H	CH_3	F	OH
XXIX-48-5	p-Cl-Ph	H	H	CH_2Ph	Bz	H	CH_3	F	OH
XXIX-48-6	p-Cl-Ph	H	H	CH_2-indol-3-yl	Bz	H	CH_3	F	OH
XXIX-48-7	p-Cl-Ph	H	H	$CH_2CH_2SCH_3$	Bz	H	CH_3	F	OH
XXIX-48-8	p-Cl-Ph	*	H	*	Bz	H	CH_3	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXIX-49.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXIX-49-1	p-Br-Ph	H	H	H	Bz	H	CH_3	F	OH
XXIX-49-2	p-Br-Ph	H	H	CH_3	Bz	H	CH_3	F	OH
XXIX-49-3	p-Br-Ph	H	H	$CH(CH_3)_2$	Bz	H	CH_3	F	OH
XXIX-49-4	p-Br-Ph	H	H	$CH_2CH(CH_3)_2$	Bz	H	CH_3	F	OH
XXIX-49-5	p-Br-Ph	H	H	CH_2Ph	Bz	H	CH_3	F	OH

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№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXIX-49-6	p-Br-Ph	H	H	CH_2-indol-3-yl	Bz	H	CH_3	F	OH
XXIX-49-7	p-Br-Ph	H	H	$CH_2CH_2SCH_3$	Bz	H	CH_3	F	OH
XXIX-49-8	p-Br-Ph	*	H	*	Bz	H	CH_3	F	OH

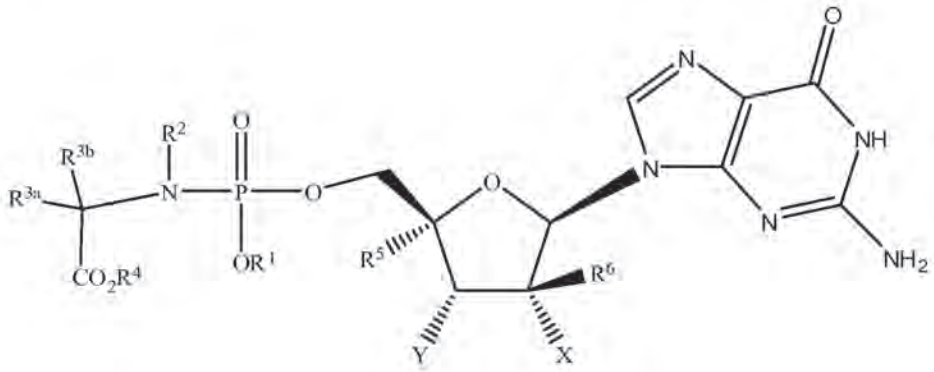
*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXIX-50.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXIX-50-1	p-I-Ph	H	H	H	Bz	H	CH_3	F	OH
XXIX-50-2	p-I-Ph	H	H	CH_3	Bz	H	CH_3	F	OH
XXIX-50-3	p-I-Ph	H	H	$CH(CH_3)_2$	Bz	H	CH_3	F	OH
XXIX-50-4	p-I-Ph	H	H	$CH_2CH(CH_3)_2$	Bz	H	CH_3	F	OH
XXIX-50-5	p-I-Ph	H	H	CH_2Ph	Bz	H	CH_3	F	OH
XXIX-50-6	p-I-Ph	H	H	CH_2-indol-3-yl	Bz	H	CH_3	F	OH
XXIX-50-7	p-I-Ph	H	H	$CH_2CH_2SCH_3$	Bz	H	CH_3	F	OH
XXIX-50-8	p-I-Ph	*	H	*	Bz	H	CH_3	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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XXX

Table XXX-1.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXX-1-1	CH_3	H	H	H	CH_3	H	F	H	OH
XXX-1-2	CH_3	H	H	CH_3	CH_3	H	F	H	OH

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№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXX-1-3	CH_3	H	H	$CH(CH_3)_2$	CH_3	H	F	H	OH
XXX-1-4	CH_3	H	H	$CH_2CH(CH_3)_2$	CH_3	H	F	H	OH
XXX-1-5	CH_3	H	H	CH_2Ph	CH_3	H	F	H	OH
XXX-1-6	CH_3	H	H	CH_2-indol-3-yl	CH_3	H	F	H	OH
XXX-1-7	CH_3	H	H	$CH_2CH_2SCH_3$	CH_3	H	F	H	OH
XXX-1-8	CH_3	*	H	*	CH_3	H	F	H	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXX-2.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXX-2-1	Et	H	H	H	CH_3	H	F	H	OH
XXX-2-2	Et	H	H	CH_3	CH_3	H	F	H	OH
XXX-2-3	Et	H	H	$CH(CH_3)_2$	CH_3	H	F	H	OH
XXX-2-4	Et	H	H	$CH_2CH(CH_3)_2$	CH_3	H	F	H	OH
XXX-2-5	Et	H	H	CH_2Ph	CH_3	H	F	H	OH
XXX-2-6	Et	H	H	CH_2-indol-3-yl	CH_3	H	F	H	OH
XXX-2-7	Et	H	H	$CH_2CH_2SCH_3$	CH_3	H	F	H	OH
XXX-2-8	Et	*	H	*	CH_3	H	F	H	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXX-3.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXX-3-1	^{i}Pr	H	H	H	CH_3	H	F	H	OH
XXX-3-2	^{i}Pr	H	H	CH_3	CH_3	H	F	H	OH
XXX-3-3	^{i}Pr	H	H	$CH(CH_3)_2$	CH_3	H	F	H	OH
XXX-3-4	^{i}Pr	H	H	$CH_2CH(CH_3)_2$	CH_3	H	F	H	OH
XXX-3-5	^{i}Pr	H	H	CH_2Ph	CH_3	H	F	H	OH
XXX-3-6	^{i}Pr	H	H	CH_2-indol-3-yl	CH_3	H	F	H	OH
XXX-3-7	^{i}Pr	H	H	$CH_2CH_2SCH_3$	CH_3	H	F	H	OH
XXX-3-8	^{i}Pr	*	H	*	CH_3	H	F	H	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXX-4.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y

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№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXX-4-1	^{t}Bu	H	H	H	CH_3	H	F	H	OH
XXX-4-2	^{t}Bu	H	H	CH_3	CH_3	H	F	H	OH
XXX-4-3	^{t}Bu	H	H	$CH(CH_3)_2$	CH_3	H	F	H	OH
XXX-4-4	^{t}Bu	H	H	$CH_2CH(CH_3)_2$	CH_3	H	F	H	OH
XXX-4-5	^{t}Bu	H	H	CH_2Ph	CH_3	H	F	H	OH
XXX-4-6	^{t}Bu	H	H	CH_2-indol-3-yl	CH_3	H	F	H	OH
XXX-4-7	^{t}Bu	H	H	$CH_2CH_2SCH_3$	CH_3	H	F	H	OH
XXX-4-8	^{t}Bu	*	H	*	CH_3	H	F	H	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXX-5.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXX-5-1	Ph	H	H	H	CH_3	H	F	H	OH
XXX-5-2	Ph	H	H	CH_3	CH_3	H	F	H	OH
XXX-5-3	Ph	H	H	$CH(CH_3)_2$	CH_3	H	F	H	OH
XXX-5-4	Ph	H	H	$CH_2CH(CH_3)_2$	CH_3	H	F	H	OH
XXX-5-5	Ph	H	H	CH_2Ph	CH_3	H	F	H	OH
XXX-5-6	Ph	H	H	CH_2-indol-3-yl	CH_3	H	F	H	OH
XXX-5-7	Ph	H	H	$CH_2CH_2SCH_3$	CH_3	H	F	H	OH
XXX-5-8	Ph	*	H	*	CH_3	H	F	H	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXX-6.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXX-6-1	p-Me-Ph	H	H	H	CH_3	H	F	H	OH
XXX-6-2	p-Me-Ph	H	H	CH_3	CH_3	H	F	H	OH
XXX-6-3	p-Me-Ph	H	H	$CH(CH_3)_2$	CH_3	H	F	H	OH
XXX-6-4	p-Me-Ph	H	H	$CH_2CH(CH_3)_2$	CH_3	H	F	H	OH
XXX-6-5	p-Me-Ph	H	H	CH_2Ph	CH_3	H	F	H	OH
XXX-6-6	p-Me-Ph	H	H	CH_2-indol-3-yl	CH_3	H	F	H	OH
XXX-6-7	p-Me-Ph	H	H	$CH_2CH_2SCH_3$	CH_3	H	F	H	OH
XXX-6-8	p-Me-Ph	*	H	*	CH_3	H	F	H	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XXX-7.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXX-7-1	p-F-Ph	H	H	H	CH_3	H	F	H	OH
XXX-7-2	p-F-Ph	H	H	CH_3	CH_3	H	F	H	OH
XXX-7-3	p-F-Ph	H	H	$CH(CH_3)_2$	CH_3	H	F	H	OH
XXX-7-4	p-F-Ph	H	H	$CH_2CH(CH_3)_2$	CH_3	H	F	H	OH
XXX-7-6	p-F-Ph	H	H	CH_2Ph	CH_3	H	F	H	OH
XXX-7-7	p-F-Ph	H	H	CH_2-indol-3-yl	CH_3	H	F	H	OH
XXX-7-8	p-F-Ph	H	H	$CH_2CH_2SCH_3$	CH_3	H	F	H	OH
XXX-7-20	p-F-Ph	*	H	*	CH_3	H	F	H	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXX-8.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXX-8-1	p-Cl-Ph	H	H	H	CH_3	H	F	H	OH
XXX-8-2	p-Cl-Ph	H	H	CH_3	CH_3	H	F	H	OH
XXX-8-3	p-Cl-Ph	H	H	$CH(CH_3)_2$	CH_3	H	F	H	OH
XXX-8-4	p-Cl-Ph	H	H	$CH_2CH(CH_3)_2$	CH_3	H	F	H	OH
XXX-8-5	p-Cl-Ph	H	H	CH_2Ph	CH_3	H	F	H	OH
XXX-8-6	p-Cl-Ph	H	H	CH_2-indol-3-yl	CH_3	H	F	H	OH
XXX-8-7	p-Cl-Ph	H	H	$CH_2CH_2SCH_3$	CH_3	H	F	H	OH
XXX-8-8	p-Cl-Ph	*	H	*	CH_3	H	F	H	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXX-9.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXX-9-1	p-Br-Ph	H	H	H	CH_3	H	F	H	OH
XXX-9-2	p-Br-Ph	H	H	CH_3	CH_3	H	F	H	OH
XXX-9-3	p-Br-Ph	H	H	$CH(CH_3)_2$	CH_3	H	F	H	OH
XXX-9-4	p-Br-Ph	H	H	$CH_2CH(CH_3)_2$	CH_3	H	F	H	OH
XXX-9-6	p-Br-Ph	H	H	CH_2Ph	CH_3	H	F	H	OH
XXX-9-7	p-Br-Ph	H	H	CH_2-indol-3-yl	CH_3	H	F	H	OH
XXX-9-8	p-Br-Ph	H	H	$CH_2CH_2SCH_3$	CH_3	H	F	H	OH
XXX-9-20	p-Br-Ph	*	H	*	CH_3	H	F	H	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XXX-10.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXX-10-1	p-I-Ph	H	H	H	CH_3	H	F	H	OH
XXX-10-2	p-I-Ph	H	H	CH_3	CH_3	H	F	H	OH
XXX-10-3	p-I-Ph	H	H	$CH(CH_3)_2$	CH_3	H	F	H	OH
XXX-10-4	p-I-Ph	H	H	$CH_2CH(CH_3)_2$	CH_3	H	F	H	OH
XXX-10-5	p-I-Ph	H	H	CH_2Ph	CH_3	H	F	H	OH
XXX-10-6	p-I-Ph	H	H	CH_2-indol-3-yl	CH_3	H	F	H	OH
XXX-10-7	p-I-Ph	H	H	$CH_2CH_2SCH_3$	CH_3	H	F	H	OH
XXX-10-8	p-I-Ph	*	H	*	CH_3	H	F	H	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXX-11.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXX-11-1	CH_3	H	H	H	Et	H	F	H	OH
XXX-11-2	CH_3	H	H	CH_3	Et	H	F	H	OH
XXX-11-3	CH_3	H	H	$CH(CH_3)_2$	Et	H	F	H	OH
XXX-11-4	CH_3	H	H	$CH_2CH(CH_3)_2$	Et	H	F	H	OH
XXX-11-5	CH_3	H	H	CH_2Ph	Et	H	F	H	OH
XXX-11-6	CH_3	H	H	CH_2-indol-3-yl	Et	H	F	H	OH
XXX-11-7	CH_3	H	H	$CH_2CH_2SCH_3$	Et	H	F	H	OH
XXX-11-8	CH_3	*	H	*	Et	H	F	H	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXX-12.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXX-12-1	Et	H	H	H	Et	H	F	H	OH
XXX-12-2	Et	H	H	CH_3	Et	H	F	H	OH
XXX-12-3	Et	H	H	$CH(CH_3)_2$	Et	H	F	H	OH
XXX-12-4	Et	H	H	$CH_2CH(CH_3)_2$	Et	H	F	H	OH
XXX-12-5	Et	H	H	CH_2Ph	Et	H	F	H	OH
XXX-12-6	Et	H	H	CH_2-indol-3-yl	Et	H	F	H	OH
XXX-12-7	Et	H	H	$CH_2CH_2SCH_3$	Et	H	F	H	OH
XXX-12-8	Et	*	H	*	Et	H	F	H	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XXX-13.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXX-13-1	^{i}Pr	H	H	H	Et	H	F	H	OH
XXX-13-2	^{i}Pr	H	H	CH_3	Et	H	F	H	OH
XXX-13-3	^{i}Pr	H	H	$CH(CH_3)_2$	Et	H	F	H	OH
XXX-13-4	^{i}Pr	H	H	$CH_2CH(CH_3)_2$	Et	H	F	H	OH
XXX-13-5	^{i}Pr	H	H	CH_2Ph	Et	H	F	H	OH
XXX-13-6	^{i}Pr	H	H	CH_2-indol-3-yl	Et	H	F	H	OH
XXX-13-7	^{i}Pr	H	H	$CH_2CH_2SCH_3$	Et	H	F	H	OH
XXX-13-8	^{i}Pr	*	H	*	Et	H	F	H	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXX-14.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXX-14-1	^{t}Bu	H	H	H	Et	H	F	H	OH
XXX-14-2	^{t}Bu	H	H	CH_3	Et	H	F	H	OH
XXX-14-3	^{t}Bu	H	H	$CH(CH_3)_2$	Et	H	F	H	OH
XXX-14-4	^{t}Bu	H	H	$CH_2CH(CH_3)_2$	Et	H	F	H	OH
XXX-14-5	^{t}Bu	H	H	CH_2Ph	Et	H	F	H	OH
XXX-14-6	^{t}Bu	H	H	CH_2-indol-3-yl	Et	H	F	H	OH
XXX-14-7	^{t}Bu	H	H	$CH_2CH_2SCH_3$	Et	H	F	H	OH
XXX-14-8	^{t}Bu	*	H	*	Et	H	F	H	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXX-15.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXX-15-1	Ph	H	H	H	Et	H	F	H	OH
XXX-15-2	Ph	H	H	CH_3	Et	H	F	H	OH
XXX-15-3	Ph	H	H	$CH(CH_3)_2$	Et	H	F	H	OH
XXX-15-4	Ph	H	H	$CH_2CH(CH_3)_2$	Et	H	F	H	OH
XXX-15-5	Ph	H	H	CH_2Ph	Et	H	F	H	OH
XXX-15-6	Ph	H	H	CH_2-indol-3-yl	Et	H	F	H	OH
XXX-15-7	Ph	H	H	$CH_2CH_2SCH_3$	Et	H	F	H	OH
XXX-15-8	Ph	*	H	*	Et	H	F	H	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XXX-16.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXX-16-1	p-Me-Ph	H	H	H	Et	H	F	H	OH
XXX-16-2	p-Me-Ph	H	H	CH_3	Et	H	F	H	OH
XXX-16-3	p-Me-Ph	H	H	$CH(CH_3)_2$	Et	H	F	H	OH
XXX-16-4	p-Me-Ph	H	H	$CH_2CH(CH_3)_2$	Et	H	F	H	OH
XXX-16-5	p-Me-Ph	H	H	CH_2Ph	Et	H	F	H	OH
XXX-16-6	p-Me-Ph	H	H	CH_2-indol-3-yl	Et	H	F	H	OH
XXX-16-7	p-Me-Ph	H	H	$CH_2CH_2SCH_3$	Et	H	F	H	OH
XXX-16-8	p-Me-Ph	*	H	*	Et	H	F	H	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXX-17.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXX-17-1	p-F-Ph	H	H	H	Et	H	F	H	OH
XXX-17-2	p-F-Ph	H	H	CH_3	Et	H	F	H	OH
XXX-17-3	p-F-Ph	H	H	$CH(CH_3)_2$	Et	H	F	H	OH
XXX-17-4	p-F-Ph	H	H	$CH_2CH(CH_3)_2$	Et	H	F	H	OH
XXX-17-5	p-F-Ph	H	H	CH_2Ph	Et	H	F	H	OH
XXX-17-6	p-F-Ph	H	H	CH_2-indol-3-yl	Et	H	F	H	OH
XXX-17-7	p-F-Ph	H	H	$CH_2CH_2SCH_3$	Et	H	F	H	OH
XXX-17-8	p-F-Ph	*	H	*	Et	H	F	H	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXX-18.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXX-18-1	p-Cl-Ph	H	H	H	Et	H	F	H	OH
XXX-18-2	p-Cl-Ph	H	H	CH_3	Et	H	F	H	OH
XXX-18-3	p-Cl-Ph	H	H	$CH(CH_3)_2$	Et	H	F	H	OH
XXX-18-4	p-Cl-Ph	H	H	$CH_2CH(CH_3)_2$	Et	H	F	H	OH
XXX-18-5	p-Cl-Ph	H	H	CH_2Ph	Et	H	F	H	OH
XXX-18-6	p-Cl-Ph	H	H	CH_2-indol-3-yl	Et	H	F	H	OH
XXX-18-7	p-Cl-Ph	H	H	$CH_2CH_2SCH_3$	Et	H	F	H	OH
XXX-18-8	p-Cl-Ph	*	H	*	Et	H	F	H	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XXX-19.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXX-19-1	p-Br-Ph	H	H	H	Et	H	F	H	OH
XXX-19-2	p-Br-Ph	H	H	CH_3	Et	H	F	H	OH
XXX-19-3	p-Br-Ph	H	H	$CH(CH_3)_2$	Et	H	F	H	OH
XXX-19-4	p-Br-Ph	H	H	$CH_2CH(CH_3)_2$	Et	H	F	H	OH
XXX-19-5	p-Br-Ph	H	H	CH_2Ph	Et	H	F	H	OH
XXX-19-6	p-Br-Ph	H	H	CH_2-indol-3-yl	Et	H	F	H	OH
XXX-19-7	p-Br-Ph	H	H	$CH_2CH_2SCH_3$	Et	H	F	H	OH
XXX-19-8	p-Br-Ph	*	H	*	Et	H	F	H	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXX-20.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXX-20-1	p-I-Ph	H	H	H	Et	H	F	H	OH
XXX-20-2	p-I-Ph	H	H	CH_3	Et	H	F	H	OH
XXX-20-3	p-I-Ph	H	H	$CH(CH_3)_2$	Et	H	F	H	OH
XXX-20-4	p-I-Ph	H	H	$CH_2CH(CH_3)_2$	Et	H	F	H	OH
XXX-20-5	p-I-Ph	H	H	CH_2Ph	Et	H	F	H	OH
XXX-20-6	p-I-Ph	H	H	CH_2-indol-3-yl	Et	H	F	H	OH
XXX-20-7	p-I-Ph	H	H	$CH_2CH_2SCH_3$	Et	H	F	H	OH
XXX-20-8	p-I-Ph	*	H	*	Et	H	F	H	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXX-21.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXX-21-1	CH_3	H	H	H	^{i}Pr	H	F	H	OH
XXX-21-2	CH_3	H	H	CH_3	^{i}Pr	H	F	H	OH
XXX-21-3	CH_3	H	H	$CH(CH_3)_2$	^{i}Pr	H	F	H	OH
XXX-21-4	CH_3	H	H	$CH_2CH(CH_3)_2$	^{i}Pr	H	F	H	OH
XXX-21-5	CH_3	H	H	CH_2Ph	^{i}Pr	H	F	H	OH
XXX-21-6	CH_3	H	H	CH_2-indol-3-yl	^{i}Pr	H	F	H	OH
XXX-21-7	CH_3	H	H	$CH_2CH_2SCH_3$	^{i}Pr	H	F	H	OH
XXX-21-8	CH_3	*	H	*	^{i}Pr	H	F	H	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XXX-22.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXX-22-1	Et	H	H	H	^{i}Pr	H	F	H	OH
XXX-22-2	Et	H	H	CH_3	^{i}Pr	H	F	H	OH
XXX-22-3	Et	H	H	$CH(CH_3)_2$	^{i}Pr	H	F	H	OH
XXX-22-4	Et	H	H	$CH_2CH(CH_3)_2$	^{i}Pr	H	F	H	OH
XXX-22-5	Et	H	H	CH_2Ph	^{i}Pr	H	F	H	OH
XXX-22-6	Et	H	H	CH_2-indol-3-yl	^{i}Pr	H	F	H	OH
XXX-22-7	Et	H	H	$CH_2CH_2SCH_3$	^{i}Pr	H	F	H	OH
XXX-22-8	Et	*	H	*	^{i}Pr	H	F	H	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXX-23.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXX-23-1	^{i}Pr	H	H	H	^{i}Pr	H	F	H	OH
XXX-23-2	^{i}Pr	H	H	CH_3	^{i}Pr	H	F	H	OH
XXX-23-3	^{i}Pr	H	H	$CH(CH_3)_2$	^{i}Pr	H	F	H	OH
XXX-23-4	^{i}Pr	H	H	$CH_2CH(CH_3)_2$	^{i}Pr	H	F	H	OH
XXX-23-5	^{i}Pr	H	H	CH_2Ph	^{i}Pr	H	F	H	OH
XXX-23-6	^{i}Pr	H	H	CH_2-indol-3-yl	^{i}Pr	H	F	H	OH
XXX-23-7	^{i}Pr	H	H	$CH_2CH_2SCH_3$	^{i}Pr	H	F	H	OH
XXX-23-8	^{i}Pr	*	H	*	^{i}Pr	H	F	H	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXX-24.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXX-24-1	^{t}Bu	H	H	H	^{i}Pr	H	F	H	OH
XXX-24-2	^{t}Bu	H	H	CH_3	^{i}Pr	H	F	H	OH
XXX-24-3	^{t}Bu	H	H	$CH(CH_3)_2$	^{i}Pr	H	F	H	OH
XXX-24-4	^{t}Bu	H	H	$CH_2CH(CH_3)_2$	^{i}Pr	H	F	H	OH
XXX-24-5	^{t}Bu	H	H	CH_2Ph	^{i}Pr	H	F	H	OH
XXX-24-6	^{t}Bu	H	H	CH_2-indol-3-yl	^{i}Pr	H	F	H	OH
XXX-24-7	^{t}Bu	H	H	$CH_2CH_2SCH_3$	^{i}Pr	H	F	H	OH
XXX-24-8	^{t}Bu	*	H	*	^{i}Pr	H	F	H	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XXX-25.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXX-25-1	Ph	H	H	H	^{i}Pr	H	F	H	OH
XXX-25-2	Ph	H	H	CH_3	^{i}Pr	H	F	H	OH
XXX-25-3	Ph	H	H	$CH(CH_3)_2$	^{i}Pr	H	F	H	OH
XXX-25-4	Ph	H	H	$CH_2CH(CH_3)_2$	^{i}Pr	H	F	H	OH
XXX-25-5	Ph	H	H	CH_2Ph	^{i}Pr	H	F	H	OH
XXX-25-6	Ph	H	H	CH_2-indol-3-yl	^{i}Pr	H	F	H	OH
XXX-25-7	Ph	H	H	$CH_2CH_2SCH_3$	^{i}Pr	H	F	H	OH
XXX-25-8	Ph	*	H	*	^{i}Pr	H	F	H	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXX-26.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXX-26-1	p-Me-Ph	H	H	H	^{i}Pr	H	F	H	OH
XXX-26-2	p-Me-Ph	H	H	CH_3	^{i}Pr	H	F	H	OH
XXX-26-3	p-Me-Ph	H	H	$CH(CH_3)_2$	^{i}Pr	H	F	H	OH
XXX-26-4	p-Me-Ph	H	H	$CH_2CH(CH_3)_2$	^{i}Pr	H	F	H	OH
XXX-26-5	p-Me-Ph	H	H	CH_2Ph	^{i}Pr	H	F	H	OH
XXX-26-6	p-Me-Ph	H	H	CH_2-indol-3-yl	^{i}Pr	H	F	H	OH
XXX-26-7	p-Me-Ph	H	H	$CH_2CH_2SCH_3$	^{i}Pr	H	F	H	OH
XXX-26-8	p-Me-Ph	*	H	*	^{i}Pr	H	F	H	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXX-27.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXX-27-1	p-F-Ph	H	H	H	^{i}Pr	H	F	H	OH
XXX-27-2	p-F-Ph	H	H	CH_3	^{i}Pr	H	F	H	OH
XXX-27-3	p-F-Ph	H	H	$CH(CH_3)_2$	^{i}Pr	H	F	H	OH
XXX-27-4	p-F-Ph	H	H	$CH_2CH(CH_3)_2$	^{i}Pr	H	F	H	OH
XXX-27-5	p-F-Ph	H	H	CH_2Ph	^{i}Pr	H	F	H	OH
XXX-27-6	p-F-Ph	H	H	CH_2-indol-3-yl	^{i}Pr	H	F	H	OH
XXX-27-7	p-F-Ph	H	H	$CH_2CH_2SCH_3$	^{i}Pr	H	F	H	OH
XXX-27-8	p-F-Ph	*	H	*	^{i}Pr	H	F	H	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XXX-28.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXX-28-1	p-Cl-Ph	H	H	H	^{i}Pr	H	F	H	OH
XXX-28-2	p-Cl-Ph	H	H	CH_3	^{i}Pr	H	F	H	OH
XXX-28-3	p-Cl-Ph	H	H	$CH(CH_3)_2$	^{i}Pr	H	F	H	OH
XXX-28-4	p-Cl-Ph	H	H	$CH_2CH(CH_3)_2$	^{i}Pr	H	F	H	OH
XXX-28-5	p-Cl-Ph	H	H	CH_2Ph	^{i}Pr	H	F	H	OH
XXX-28-6	p-Cl-Ph	H	H	CH_2-indol-3-yl	^{i}Pr	H	F	H	OH
XXX-28-7	p-Cl-Ph	H	H	$CH_2CH_2SCH_3$	^{i}Pr	H	F	H	OH
XXX-28-8	p-Cl-Ph	*	H	*	^{i}Pr	H	F	H	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXX-29.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXX-29-1	p-Br-Ph	H	H	H	^{i}Pr	H	F	H	OH
XXX-29-2	p-Br-Ph	H	H	CH_3	^{i}Pr	H	F	H	OH
XXX-29-3	p-Br-Ph	H	H	$CH(CH_3)_2$	^{i}Pr	H	F	H	OH
XXX-29-4	p-Br-Ph	H	H	$CH_2CH(CH_3)_2$	^{i}Pr	H	F	H	OH
XXX-29-5	p-Br-Ph	H	H	CH_2Ph	^{i}Pr	H	F	H	OH
XXX-29-6	p-Br-Ph	H	H	CH_2-indol-3-yl	^{i}Pr	H	F	H	OH
XXX-29-7	p-Br-Ph	H	H	$CH_2CH_2SCH_3$	^{i}Pr	H	F	H	OH
XXX-29-8	p-Br-Ph	*	H	*	^{i}Pr	H	F	H	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXX-30.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXX-30-1	p-I-Ph	H	H	H	^{i}Pr	H	F	H	OH
XXX-30-2	p-I-Ph	H	H	CH_3	^{i}Pr	H	F	H	OH
XXX-30-3	p-I-Ph	H	H	$CH(CH_3)_2$	^{i}Pr	H	F	H	OH
XXX-30-4	p-I-Ph	H	H	$CH_2CH(CH_3)_2$	^{i}Pr	H	F	H	OH
XXX-30-5	p-I-Ph	H	H	CH_2Ph	^{i}Pr	H	F	H	OH
XXX-30-6	p-I-Ph	H	H	CH_2-indol-3-yl	^{i}Pr	H	F	H	OH
XXX-30-7	p-I-Ph	H	H	$CH_2CH_2SCH_3$	^{i}Pr	H	F	H	OH
XXX-30-8	p-I-Ph	*	H	*	^{i}Pr	H	F	H	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XXX-31.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXX-31-1	CH_3	H	H	H	^{n}Bu	H	F	H	OH
XXX-31-2	CH_3	H	H	CH_3	^{n}Bu	H	F	H	OH
XXX-31-3	CH_3	H	H	$CH(CH_3)_2$	^{n}Bu	H	F	H	OH
XXX-31-4	CH_3	H	H	$CH_2CH(CH_3)_2$	^{n}Bu	H	F	H	OH
XXX-31-5	CH_3	H	H	CH_2Ph	^{n}Bu	H	F	H	OH
XXX-31-6	CH_3	H	H	CH_2-indol-3-yl	^{n}Bu	H	F	H	OH
XXX-31-7	CH_3	H	H	$CH_2CH_2SCH_3$	^{n}Bu	H	F	H	OH
XXX-31-8	CH_3	*	H	*	^{n}Bu	H	F	H	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXX-32.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXX-32-1	Et	H	H	H	^{n}Bu	H	F	H	OH
XXX-32-2	Et	H	H	CH_3	^{n}Bu	H	F	H	OH
XXX-32-3	Et	H	H	$CH(CH_3)_2$	^{n}Bu	H	F	H	OH
XXX-32-4	Et	H	H	$CH_2CH(CH_3)_2$	^{n}Bu	H	F	H	OH
XXX-32-5	Et	H	H	CH_2Ph	^{n}Bu	H	F	H	OH
XXX-32-6	Et	H	H	CH_2-indol-3-yl	^{n}Bu	H	F	H	OH
XXX-32-7	Et	H	H	$CH_2CH_2SCH_3$	^{n}Bu	H	F	H	OH
XXX-32-8	Et	*	H	*	^{n}Bu	H	F	H	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXX-33.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXX-33-1	^{i}Pr	H	H	H	^{n}Bu	H	F	H	OH
XXX-33-2	^{i}Pr	H	H	CH_3	^{n}Bu	H	F	H	OH
XXX-33-3	^{i}Pr	H	H	$CH(CH_3)_2$	^{n}Bu	H	F	H	OH
XXX-33-4	^{i}Pr	H	H	$CH_2CH(CH_3)_2$	^{n}Bu	H	F	H	OH
XXX-33-5	^{i}Pr	H	H	CH_2Ph	^{n}Bu	H	F	H	OH
XXX-33-6	^{i}Pr	H	H	CH_2-indol-3-yl	^{n}Bu	H	F	H	OH
XXX-33-7	^{i}Pr	H	H	$CH_2CH_2SCH_3$	^{n}Bu	H	F	H	OH
XXX-33-8	^{i}Pr	*	H	*	^{n}Bu	H	F	H	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XXX-34.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXX-34-1	^{t}Bu	H	H	H	^{n}Bu	H	F	H	OH
XXX-34-2	^{t}Bu	H	H	CH_3	^{n}Bu	H	F	H	OH
XXX-34-3	^{t}Bu	H	H	$CH(CH_3)_2$	^{n}Bu	H	F	H	OH
XXX-34-4	^{t}Bu	H	H	$CH_2CH(CH_3)_2$	^{n}Bu	H	F	H	OH
XXX-34-5	^{t}Bu	H	H	CH_2Ph	^{n}Bu	H	F	H	OH
XXX-34-6	^{t}Bu	H	H	CH_2-indol-3-yl	^{n}Bu	H	F	H	OH
XXX-34-7	^{t}Bu	H	H	$CH_2CH_2SCH_3$	^{n}Bu	H	F	H	OH
XXX-34-8	^{t}Bu	*	H	*	^{n}Bu	H	F	H	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXX-35.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXX-35-1	Ph	H	H	H	^{n}Bu	H	F	H	OH
XXX-35-2	Ph	H	H	CH_3	^{n}Bu	H	F	H	OH
XXX-35-3	Ph	H	H	$CH(CH_3)_2$	^{n}Bu	H	F	H	OH
XXX-35-4	Ph	H	H	$CH_2CH(CH_3)_2$	^{n}Bu	H	F	H	OH
XXX-35-5	Ph	H	H	CH_2Ph	^{n}Bu	H	F	H	OH
XXX-35-6	Ph	H	H	CH_2-indol-3-yl	^{n}Bu	H	F	H	OH
XXX-35-7	Ph	H	H	$CH_2CH_2SCH_3$	^{n}Bu	H	F	H	OH
XXX-35-8	Ph	*	H	*	^{n}Bu	H	F	H	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXX-36.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXX-36-1	p-Me-Ph	H	H	H	^{n}Bu	H	F	H	OH
XXX-36-2	p-Me-Ph	H	H	CH_3	^{n}Bu	H	F	H	OH
XXX-36-3	p-Me-Ph	H	H	$CH(CH_3)_2$	^{n}Bu	H	F	H	OH
XXX-36-4	p-Me-Ph	H	H	$CH_2CH(CH_3)_2$	^{n}Bu	H	F	H	OH
XXX-36-5	p-Me-Ph	H	H	CH_2Ph	^{n}Bu	H	F	H	OH
XXX-36-6	p-Me-Ph	H	H	CH_2-indol-3-yl	^{n}Bu	H	F	H	OH
XXX-36-7	p-Me-Ph	H	H	$CH_2CH_2SCH_3$	^{n}Bu	H	F	H	OH
XXX-36-8	p-Me-Ph	*	H	*	^{n}Bu	H	F	H	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XXX-37.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXX-37-1	p-F-Ph	H	H	H	^{n}Bu	H	F	H	OH
XXX-37-2	p-F-Ph	H	H	CH_3	^{n}Bu	H	F	H	OH
XXX-37-3	p-F-Ph	H	H	$CH(CH_3)_2$	^{n}Bu	H	F	H	OH
XXX-37-4	p-F-Ph	H	H	$CH_2CH(CH_3)_2$	^{n}Bu	H	F	H	OH
XXX-37-5	p-F-Ph	H	H	CH_2Ph	^{n}Bu	H	F	H	OH
XXX-37-6	p-F-Ph	H	H	CH_2-indol-3-yl	^{n}Bu	H	F	H	OH
XXX-37-7	p-F-Ph	H	H	$CH_2CH_2SCH_3$	^{n}Bu	H	F	H	OH
XXX-37-8	p-F-Ph	*	H	*	^{n}Bu	H	F	H	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXX-38.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXX-38-1	p-Cl-Ph	H	H	H	^{n}Bu	H	F	H	OH
XXX-38-2	p-Cl-Ph	H	H	CH_3	^{n}Bu	H	F	H	OH
XXX-38-3	p-Cl-Ph	H	H	$CH(CH_3)_2$	^{n}Bu	H	F	H	OH
XXX-38-4	p-Cl-Ph	H	H	$CH_2CH(CH_3)_2$	^{n}Bu	H	F	H	OH
XXX-38-5	p-Cl-Ph	H	H	CH_2Ph	^{n}Bu	H	F	H	OH
XXX-38-6	p-Cl-Ph	H	H	CH_2-indol-3-yl	^{n}Bu	H	F	H	OH
XXX-38-7	p-Cl-Ph	H	H	$CH_2CH_2SCH_3$	^{n}Bu	H	F	H	OH
XXX-38-8	p-Cl-Ph	*	H	*	^{n}Bu	H	F	H	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXX-39.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXX-39-1	p-Br-Ph	H	H	H	^{n}Bu	H	F	H	OH
XXX-39-2	p-Br-Ph	H	H	CH_3	^{n}Bu	H	F	H	OH
XXX-39-3	p-Br-Ph	H	H	$CH(CH_3)_2$	^{n}Bu	H	F	H	OH
XXX-39-4	p-Br-Ph	H	H	$CH_2CH(CH_3)_2$	^{n}Bu	H	F	H	OH
XXX-39-5	p-Br-Ph	H	H	CH_2Ph	^{n}Bu	H	F	H	OH
XXX-39-6	p-Br-Ph	H	H	CH_2-indol-3-yl	^{n}Bu	H	F	H	OH
XXX-39-7	p-Br-Ph	H	H	$CH_2CH_2SCH_3$	^{n}Bu	H	F	H	OH
XXX-39-8	p-Br-Ph	*	H	*	^{n}Bu	H	F	H	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XXX-40.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXX-40-1	p-I-Ph	H	H	H	^{n}Bu	H	F	H	OH
XXX-40-2	p-I-Ph	H	H	CH_3	^{n}Bu	H	F	H	OH
XXX-40-3	p-I-Ph	H	H	$CH(CH_3)_2$	^{n}Bu	H	F	H	OH
XXX-40-4	p-I-Ph	H	H	$CH_2CH(CH_3)_2$	^{n}Bu	H	F	H	OH
XXX-40-5	p-I-Ph	H	H	CH_2Ph	^{n}Bu	H	F	H	OH
XXX-40-6	p-I-Ph	H	H	CH_2-indol-3-yl	^{n}Bu	H	F	H	OH
XXX-40-7	p-I-Ph	H	H	$CH_2CH_2SCH_3$	^{n}Bu	H	F	H	OH
XXX-40-8	p-I-Ph	*	H	*	^{n}Bu	H	F	H	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXX-41.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXX-41-1	CH_3	H	H	H	Bz	H	F	H	OH
XXX-41-2	CH_3	H	H	CH_3	Bz	H	F	H	OH
XXX-41-3	CH_3	H	H	$CH(CH_3)_2$	Bz	H	F	H	OH
XXX-41-4	CH_3	H	H	$CH_2CH(CH_3)_2$	Bz	H	F	H	OH
XXX-41-5	CH_3	H	H	CH_2Ph	Bz	H	F	H	OH
XXX-41-6	CH_3	H	H	CH_2-indol-3-yl	Bz	H	F	H	OH
XXX-41-7	CH_3	H	H	$CH_2CH_2SCH_3$	Bz	H	F	H	OH
XXX-41-8	CH_3	*	H	*	Bz	H	F	H	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXX-42.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXX-42-1	Et	H	H	H	Bz	H	F	H	OH
XXX-42-2	Et	H	H	CH_3	Bz	H	F	H	OH
XXX-42-3	Et	H	H	$CH(CH_3)_2$	Bz	H	F	H	OH
XXX-42-4	Et	H	H	$CH_2CH(CH_3)_2$	Bz	H	F	H	OH
XXX-42-5	Et	H	H	CH_2Ph	Bz	H	F	H	OH
XXX-42-6	Et	H	H	CH_2-indol-3-yl	Bz	H	F	H	OH
XXX-42-7	Et	H	H	$CH_2CH_2SCH_3$	Bz	H	F	H	OH
XXX-42-8	Et	*	H	*	Bz	H	F	H	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XXX-43.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXX-43-1	^{i}Pr	H	H	H	Bz	H	F	H	OH
XXX-43-2	^{i}Pr	H	H	CH_3	Bz	H	F	H	OH
XXX-43-3	^{i}Pr	H	H	$CH(CH_3)_2$	Bz	H	F	H	OH
XXX-43-4	^{i}Pr	H	H	$CH_2CH(CH_3)_2$	Bz	H	F	H	OH
XXX-43-5	^{i}Pr	H	H	CH_2Ph	Bz	H	F	H	OH
XXX-43-6	^{i}Pr	H	H	CH_2-indol-3-yl	Bz	H	F	H	OH
XXX-43-7	^{i}Pr	H	H	$CH_2CH_2SCH_3$	Bz	H	F	H	OH
XXX-43-8	^{i}Pr	*	H	*	Bz	H	F	H	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXX-44.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXX-44-1	^{t}Bu	H	H	H	Bz	H	F	H	OH
XXX-44-2	^{t}Bu	H	H	CH_3	Bz	H	F	H	OH
XXX-44-3	^{t}Bu	H	H	$CH(CH_3)_2$	Bz	H	F	H	OH
XXX-44-4	^{t}Bu	H	H	$CH_2CH(CH_3)_2$	Bz	H	F	H	OH
XXX-44-5	^{t}Bu	H	H	CH_2Ph	Bz	H	F	H	OH
XXX-44-6	^{t}Bu	H	H	CH_2-indol-3-yl	Bz	H	F	H	OH
XXX-44-7	^{t}Bu	H	H	$CH_2CH_2SCH_3$	Bz	H	F	H	OH
XXX-44-8	^{t}Bu	*	H	*	Bz	H	F	H	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXX-45.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXX-45-1	Ph	H	H	H	Bz	H	F	H	OH
XXX-45-2	Ph	H	H	CH_3	Bz	H	F	H	OH
XXX-45-3	Ph	H	H	$CH(CH_3)_2$	Bz	H	F	H	OH
XXX-45-4	Ph	H	H	$CH_2CH(CH_3)_2$	Bz	H	F	H	OH
XXX-45-5	Ph	H	H	CH_2Ph	Bz	H	F	H	OH
XXX-45-6	Ph	H	H	CH_2-indol-3-yl	Bz	H	F	H	OH
XXX-45-7	Ph	H	H	$CH_2CH_2SCH_3$	Bz	H	F	H	OH
XXX-45-8	Ph	*	H	*	Bz	H	F	H	OH

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*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXX-46.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXX-46-1	p-Me-Ph	H	H	H	Bz	H	F	H	OH
XXX-46-2	p-Me-Ph	H	H	CH_3	Bz	H	F	H	OH
XXX-46-3	p-Me-Ph	H	H	$CH(CH_3)_2$	Bz	H	F	H	OH
XXX-46-4	p-Me-Ph	H	H	$CH_2CH(CH_3)_2$	Bz	H	F	H	OH
XXX-46-5	p-Me-Ph	H	H	CH_2Ph	Bz	H	F	H	OH
XXX-46-6	p-Me-Ph	H	H	CH_2-indol-3-yl	Bz	H	F	H	OH
XXX-46-7	p-Me-Ph	H	H	$CH_2CH_2SCH_3$	Bz	H	F	H	OH
XXX-46-8	p-Me-Ph	*	H	*	Bz	H	F	H	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXX-47.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXX-47-1	p-F-Ph	H	H	H	Bz	H	F	H	OH
XXX-47-2	p-F-Ph	H	H	CH_3	Bz	H	F	H	OH
XXX-47-3	p-F-Ph	H	H	$CH(CH_3)_2$	Bz	H	F	H	OH
XXX-47-4	p-F-Ph	H	H	$CH_2CH(CH_3)_2$	Bz	H	F	H	OH
XXX-47-5	p-F-Ph	H	H	CH_2Ph	Bz	H	F	H	OH
XXX-47-6	p-F-Ph	H	H	CH_2-indol-3-yl	Bz	H	F	H	OH
XXX-47-7	p-F-Ph	H	H	$CH_2CH_2SCH_3$	Bz	H	F	H	OH
XXX-47-8	p-F-Ph	*	H	*	Bz	H	F	H	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXX-48.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXX-48-1	p-Cl-Ph	H	H	H	Bz	H	F	H	OH
XXX-48-2	p-Cl-Ph	H	H	CH_3	Bz	H	F	H	OH
XXX-48-3	p-Cl-Ph	H	H	$CH(CH_3)_2$	Bz	H	F	H	OH
XXX-48-4	p-Cl-Ph	H	H	$CH_2CH(CH_3)_2$	Bz	H	F	H	OH
XXX-48-5	p-Cl-Ph	H	H	CH_2Ph	Bz	H	F	H	OH
XXX-48-6	p-Cl-Ph	H	H	CH_2-indol-3-yl	Bz	H	F	H	OH
XXX-48-7	p-Cl-Ph	H	H	$CH_2CH_2SCH_3$	Bz	H	F	H	OH

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№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXX-48-8	p-Cl-Ph	*	H	*	Bz	H	F	H	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXX-49.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXX-49-1	p-Br-Ph	H	H	H	Bz	H	F	H	OH
XXX-49-2	p-Br-Ph	H	H	CH_3	Bz	H	F	H	OH
XXX-49-3	p-Br-Ph	H	H	$CH(CH_3)_2$	Bz	H	F	H	OH
XXX-49-4	p-Br-Ph	H	H	$CH_2CH(CH_3)_2$	Bz	H	F	H	OH
XXX-49-5	p-Br-Ph	H	H	CH_2Ph	Bz	H	F	H	OH
XXX-49-6	p-Br-Ph	H	H	CH_2-indol-3-yl	Bz	H	F	H	OH
XXX-49-7	p-Br-Ph	H	H	$CH_2CH_2SCH_3$	Bz	H	F	H	OH
XXX-49-8	p-Br-Ph	*	H	*	Bz	H	F	H	OH

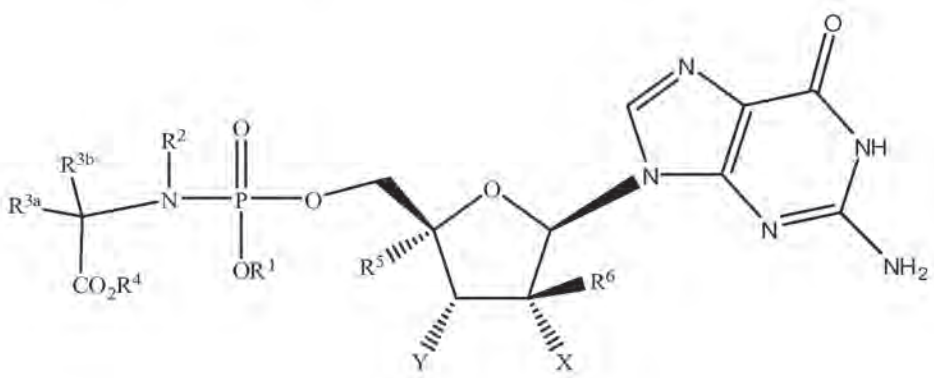
*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXX-50.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXX-50-1	p-I-Ph	H	H	H	Bz	H	F	H	OH
XXX-50-2	p-I-Ph	H	H	CH_3	Bz	H	F	H	OH
XXX-50-3	p-I-Ph	H	H	$CH(CH_3)_2$	Bz	H	F	H	OH
XXX-50-4	p-I-Ph	H	H	$CH_2CH(CH_3)_2$	Bz	H	F	H	OH
XXX-50-5	p-I-Ph	H	H	CH_2Ph	Bz	H	F	H	OH
XXX-50-6	p-I-Ph	H	H	CH_2-indol-3-yl	Bz	H	F	H	OH
XXX-50-7	p-I-Ph	H	H	$CH_2CH_2SCH_3$	Bz	H	F	H	OH
XXX-50-8	p-I-Ph	*	H	*	Bz	H	F	H	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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XXXI

Table XXXI-1.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXXI-1-1	CH_3	H	H	H	CH_3	H	F	F	OH
XXXI-1-2	CH_3	H	H	CH_3	CH_3	H	F	F	OH
XXXI-1-3	CH_3	H	H	$CH(CH_3)_2$	CH_3	H	F	F	OH
XXXI-1-4	CH_3	H	H	$CH_2CH(CH_3)_2$	CH_3	H	F	F	OH
XXXI-1-5	CH_3	H	H	CH_2Ph	CH_3	H	F	F	OH
XXXI-1-6	CH_3	H	H	CH_2-indol-3-yl	CH_3	H	F	F	OH
XXXI-1-7	CH_3	H	H	$CH_2CH_2SCH_3$	CH_3	H	F	F	OH
XXXI-1-8	CH_3	*	H	*	CH_3	H	F	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXXI-2.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXXI-2-1	Et	H	H	H	CH_3	H	F	F	OH
XXXI-2-2	Et	H	H	CH_3	CH_3	H	F	F	OH
XXXI-2-3	Et	H	H	$CH(CH_3)_2$	CH_3	H	F	F	OH
XXXI-2-4	Et	H	H	$CH_2CH(CH_3)_2$	CH_3	H	F	F	OH
XXXI-2-5	Et	H	H	CH_2Ph	CH_3	H	F	F	OH
XXXI-2-6	Et	H	H	CH_2-indol-3-yl	CH_3	H	F	F	OH
XXXI-2-7	Et	H	H	$CH_2CH_2SCH_3$	CH_3	H	F	F	OH
XXXI-2-8	Et	*	H	*	CH_3	H	F	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXXI-3.

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№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXXI-3-1	^{i}Pr	H	H	H	CH_3	H	F	F	OH
XXXI-3-2	^{i}Pr	H	H	CH_3	CH_3	H	F	F	OH
XXXI-3-3	^{i}Pr	H	H	$CH(CH_3)_2$	CH_3	H	F	F	OH
XXXI-3-4	^{i}Pr	H	H	$CH_2CH(CH_3)_2$	CH_3	H	F	F	OH
XXXI-3-5	^{i}Pr	H	H	CH_2Ph	CH_3	H	F	F	OH
XXXI-3-6	^{i}Pr	H	H	CH_2-indol-3-yl	CH_3	H	F	F	OH
XXXI-3-7	^{i}Pr	H	H	$CH_2CH_2SCH_3$	CH_3	H	F	F	OH
XXXI-3-8	^{i}Pr	*	H	*	CH_3	H	F	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXXI-4.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXXI-4-1	^{t}Bu	H	H	H	CH_3	H	F	F	OH
XXXI-4-2	^{t}Bu	H	H	CH_3	CH_3	H	F	F	OH
XXXI-4-3	^{t}Bu	H	H	$CH(CH_3)_2$	CH_3	H	F	F	OH
XXXI-4-4	^{t}Bu	H	H	$CH_2CH(CH_3)_2$	CH_3	H	F	F	OH
XXXI-4-5	^{t}Bu	H	H	CH_2Ph	CH_3	H	F	F	OH
XXXI-4-6	^{t}Bu	H	H	CH_2-indol-3-yl	CH_3	H	F	F	OH
XXXI-4-7	^{t}Bu	H	H	$CH_2CH_2SCH_3$	CH_3	H	F	F	OH
XXXI-4-8	^{t}Bu	*	H	*	CH_3	H	F	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXXI-5.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXXI-5-1	Ph	H	H	H	CH_3	H	F	F	OH
XXXI-5-2	Ph	H	H	CH_3	CH_3	H	F	F	OH
XXXI-5-3	Ph	H	H	$CH(CH_3)_2$	CH_3	H	F	F	OH
XXXI-5-4	Ph	H	H	$CH_2CH(CH_3)_2$	CH_3	H	F	F	OH
XXXI-5-5	Ph	H	H	CH_2Ph	CH_3	H	F	F	OH
XXXI-5-6	Ph	H	H	CH_2-indol-3-yl	CH_3	H	F	F	OH
XXXI-5-7	Ph	H	H	$CH_2CH_2SCH_3$	CH_3	H	F	F	OH
XXXI-5-8	Ph	*	H	*	CH_3	H	F	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XXXI-6.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXXI-6-1	p-Me-Ph	H	H	H	CH_3	H	F	F	OH
XXXI-6-2	p-Me-Ph	H	H	CH_3	CH_3	H	F	F	OH
XXXI-6-3	p-Me-Ph	H	H	$CH(CH_3)_2$	CH_3	H	F	F	OH
XXXI-6-4	p-Me-Ph	H	H	$CH_2CH(CH_3)_2$	CH_3	H	F	F	OH
XXXI-6-5	p-Me-Ph	H	H	CH_2Ph	CH_3	H	F	F	OH
XXXI-6-6	p-Me-Ph	H	H	CH_2-indol-3-yl	CH_3	H	F	F	OH
XXXI-6-7	p-Me-Ph	H	H	$CH_2CH_2SCH_3$	CH_3	H	F	F	OH
XXXI-6-8	p-Me-Ph	*	H	*	CH_3	H	F	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXXI-7.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXXI-7-1	p-F-Ph	H	H	H	CH_3	H	F	F	OH
XXXI-7-2	p-F-Ph	H	H	CH_3	CH_3	H	F	F	OH
XXXI-7-3	p-F-Ph	H	H	$CH(CH_3)_2$	CH_3	H	F	F	OH
XXXI-7-4	p-F-Ph	H	H	$CH_2CH(CH_3)_2$	CH_3	H	F	F	OH
XXXI-7-6	p-F-Ph	H	H	CH_2Ph	CH_3	H	F	F	OH
XXXI-7-7	p-F-Ph	H	H	CH_2-indol-3-yl	CH_3	H	F	F	OH
XXXI-7-8	p-F-Ph	H	H	$CH_2CH_2SCH_3$	CH_3	H	F	F	OH
XXXI-7-20	p-F-Ph	*	H	*	CH_3	H	F	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXXI-8.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXXI-8-1	p-Cl-Ph	H	H	H	CH_3	H	F	F	OH
XXXI-8-2	p-Cl-Ph	H	H	CH_3	CH_3	H	F	F	OH
XXXI-8-3	p-Cl-Ph	H	H	$CH(CH_3)_2$	CH_3	H	F	F	OH
XXXI-8-4	p-Cl-Ph	H	H	$CH_2CH(CH_3)_2$	CH_3	H	F	F	OH
XXXI-8-5	p-Cl-Ph	H	H	CH_2Ph	CH_3	H	F	F	OH
XXXI-8-6	p-Cl-Ph	H	H	CH_2-indol-3-yl	CH_3	H	F	F	OH
XXXI-8-7	p-Cl-Ph	H	H	$CH_2CH_2SCH_3$	CH_3	H	F	F	OH
XXXI-8-8	p-Cl-Ph	*	H	*	CH_3	H	F	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XXXI-9.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXXI-9-1	p-Br-Ph	H	H	H	CH_3	H	F	F	OH
XXXI-9-2	p-Br-Ph	H	H	CH_3	CH_3	H	F	F	OH
XXXI-9-3	p-Br-Ph	H	H	$CH(CH_3)_2$	CH_3	H	F	F	OH
XXXI-9-4	p-Br-Ph	H	H	$CH_2CH(CH_3)_2$	CH_3	H	F	F	OH
XXXI-9-6	p-Br-Ph	H	H	CH_2Ph	CH_3	H	F	F	OH
XXXI-9-7	p-Br-Ph	H	H	CH_2-indol-3-yl	CH_3	H	F	F	OH
XXXI-9-8	p-Br-Ph	H	H	$CH_2CH_2SCH_3$	CH_3	H	F	F	OH
XXXI-9-20	p-Br-Ph	*	H	*	CH_3	H	F	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXXI-10.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXXI-10-1	p-I-Ph	H	H	H	CH_3	H	F	F	OH
XXXI-10-2	p-I-Ph	H	H	CH_3	CH_3	H	F	F	OH
XXXI-10-3	p-I-Ph	H	H	$CH(CH_3)_2$	CH_3	H	F	F	OH
XXXI-10-4	p-I-Ph	H	H	$CH_2CH(CH_3)_2$	CH_3	H	F	F	OH
XXXI-10-5	p-I-Ph	H	H	CH_2Ph	CH_3	H	F	F	OH
XXXI-10-6	p-I-Ph	H	H	CH_2-indol-3-yl	CH_3	H	F	F	OH
XXXI-10-7	p-I-Ph	H	H	$CH_2CH_2SCH_3$	CH_3	H	F	F	OH
XXXI-10-8	p-I-Ph	*	H	*	CH_3	H	F	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXXI-11.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXXI-11-1	CH_3	H	H	H	Et	H	F	F	OH
XXXI-11-2	CH_3	H	H	CH_3	Et	H	F	F	OH
XXXI-11-3	CH_3	H	H	$CH(CH_3)_2$	Et	H	F	F	OH
XXXI-11-4	CH_3	H	H	$CH_2CH(CH_3)_2$	Et	H	F	F	OH
XXXI-11-5	CH_3	H	H	CH_2Ph	Et	H	F	F	OH
XXXI-11-6	CH_3	H	H	CH_2-indol-3-yl	Et	H	F	F	OH
XXXI-11-7	CH_3	H	H	$CH_2CH_2SCH_3$	Et	H	F	F	OH
XXXI-11-8	CH_3	*	H	*	Et	H	F	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XXXI-12.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXXI-12-1	Et	H	H	H	Et	H	F	F	OH
XXXI-12-2	Et	H	H	CH_3	Et	H	F	F	OH
XXXI-12-3	Et	H	H	$CH(CH_3)_2$	Et	H	F	F	OH
XXXI-12-4	Et	H	H	$CH_2CH(CH_3)_2$	Et	H	F	F	OH
XXXI-12-5	Et	H	H	CH_2Ph	Et	H	F	F	OH
XXXI-12-6	Et	H	H	CH_2-indol-3-yl	Et	H	F	F	OH
XXXI-12-7	Et	H	H	$CH_2CH_2SCH_3$	Et	H	F	F	OH
XXXI-12-8	Et	*	H	*	Et	H	F	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXXI-13.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXXI-13-1	^{i}Pr	H	H	H	Et	H	F	F	OH
XXXI-13-2	^{i}Pr	H	H	CH_3	Et	H	F	F	OH
XXXI-13-3	^{i}Pr	H	H	$CH(CH_3)_2$	Et	H	F	F	OH
XXXI-13-4	^{i}Pr	H	H	$CH_2CH(CH_3)_2$	Et	H	F	F	OH
XXXI-13-5	^{i}Pr	H	H	CH_2Ph	Et	H	F	F	OH
XXXI-13-6	^{i}Pr	H	H	CH_2-indol-3-yl	Et	H	F	F	OH
XXXI-13-7	^{i}Pr	H	H	$CH_2CH_2SCH_3$	Et	H	F	F	OH
XXXI-13-8	^{i}Pr	*	H	*	Et	H	F	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXXI-14.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXXI-14-1	^{t}Bu	H	H	H	Et	H	F	F	OH
XXXI-14-2	^{t}Bu	H	H	CH_3	Et	H	F	F	OH
XXXI-14-3	^{t}Bu	H	H	$CH(CH_3)_2$	Et	H	F	F	OH
XXXI-14-4	^{t}Bu	H	H	$CH_2CH(CH_3)_2$	Et	H	F	F	OH
XXXI-14-5	^{t}Bu	H	H	CH_2Ph	Et	H	F	F	OH
XXXI-14-6	^{t}Bu	H	H	CH_2-indol-3-yl	Et	H	F	F	OH
XXXI-14-7	^{t}Bu	H	H	$CH_2CH_2SCH_3$	Et	H	F	F	OH
XXXI-14-8	^{t}Bu	*	H	*	Et	H	F	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XXXI-15.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXXI-15-1	Ph	H	H	H	Et	H	F	F	OH
XXXI-15-2	Ph	H	H	CH_3	Et	H	F	F	OH
XXXI-15-3	Ph	H	H	$CH(CH_3)_2$	Et	H	F	F	OH
XXXI-15-4	Ph	H	H	$CH_2CH(CH_3)_2$	Et	H	F	F	OH
XXXI-15-5	Ph	H	H	CH_2Ph	Et	H	F	F	OH
XXXI-15-6	Ph	H	H	CH_2-indol-3-yl	Et	H	F	F	OH
XXXI-15-7	Ph	H	H	$CH_2CH_2SCH_3$	Et	H	F	F	OH
XXXI-15-8	Ph	*	H	*	Et	H	F	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXXI-16.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXXI-16-1	p-Me-Ph	H	H	H	Et	H	F	F	OH
XXXI-16-2	p-Me-Ph	H	H	CH_3	Et	H	F	F	OH
XXXI-16-3	p-Me-Ph	H	H	$CH(CH_3)_2$	Et	H	F	F	OH
XXXI-16-4	p-Me-Ph	H	H	$CH_2CH(CH_3)_2$	Et	H	F	F	OH
XXXI-16-5	p-Me-Ph	H	H	CH_2Ph	Et	H	F	F	OH
XXXI-16-6	p-Me-Ph	H	H	CH_2-indol-3-yl	Et	H	F	F	OH
XXXI-16-7	p-Me-Ph	H	H	$CH_2CH_2SCH_3$	Et	H	F	F	OH
XXXI-16-8	p-Me-Ph	*	H	*	Et	H	F	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXXI-17.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXXI-17-1	p-F-Ph	H	H	H	Et	H	F	F	OH
XXXI-17-2	p-F-Ph	H	H	CH_3	Et	H	F	F	OH
XXXI-17-3	p-F-Ph	H	H	$CH(CH_3)_2$	Et	H	F	F	OH
XXXI-17-4	p-F-Ph	H	H	$CH_2CH(CH_3)_2$	Et	H	F	F	OH
XXXI-17-5	p-F-Ph	H	H	CH_2Ph	Et	H	F	F	OH
XXXI-17-6	p-F-Ph	H	H	CH_2-indol-3-yl	Et	H	F	F	OH
XXXI-17-7	p-F-Ph	H	H	$CH_2CH_2SCH_3$	Et	H	F	F	OH
XXXI-17-8	p-F-Ph	*	H	*	Et	H	F	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XXXI-18.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXXI-18-1	p-Cl-Ph	H	H	H	Et	H	F	F	OH
XXXI-18-2	p-Cl-Ph	H	H	CH_3	Et	H	F	F	OH
XXXI-18-3	p-Cl-Ph	H	H	$CH(CH_3)_2$	Et	H	F	F	OH
XXXI-18-4	p-Cl-Ph	H	H	$CH_2CH(CH_3)_2$	Et	H	F	F	OH
XXXI-18-5	p-Cl-Ph	H	H	CH_2Ph	Et	H	F	F	OH
XXXI-18-6	p-Cl-Ph	H	H	CH_2-indol-3-yl	Et	H	F	F	OH
XXXI-18-7	p-Cl-Ph	H	H	$CH_2CH_2SCH_3$	Et	H	F	F	OH
XXXI-18-8	p-Cl-Ph	*	H	*	Et	H	F	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXXI-19.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXXI-19-1	p-Br-Ph	H	H	H	Et	H	F	F	OH
XXXI-19-2	p-Br-Ph	H	H	CH_3	Et	H	F	F	OH
XXXI-19-3	p-Br-Ph	H	H	$CH(CH_3)_2$	Et	H	F	F	OH
XXXI-19-4	p-Br-Ph	H	H	$CH_2CH(CH_3)_2$	Et	H	F	F	OH
XXXI-19-5	p-Br-Ph	H	H	CH_2Ph	Et	H	F	F	OH
XXXI-19-6	p-Br-Ph	H	H	CH_2-indol-3-yl	Et	H	F	F	OH
XXXI-19-7	p-Br-Ph	H	H	$CH_2CH_2SCH_3$	Et	H	F	F	OH
XXXI-19-8	p-Br-Ph	*	H	*	Et	H	F	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXXI-20.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXXI-20-1	p-I-Ph	H	H	H	Et	H	F	F	OH
XXXI-20-2	p-I-Ph	H	H	CH_3	Et	H	F	F	OH
XXXI-20-3	p-I-Ph	H	H	$CH(CH_3)_2$	Et	H	F	F	OH
XXXI-20-4	p-I-Ph	H	H	$CH_2CH(CH_3)_2$	Et	H	F	F	OH
XXXI-20-5	p-I-Ph	H	H	CH_2Ph	Et	H	F	F	OH
XXXI-20-6	p-I-Ph	H	H	CH_2-indol-3-yl	Et	H	F	F	OH
XXXI-20-7	p-I-Ph	H	H	$CH_2CH_2SCH_3$	Et	H	F	F	OH
XXXI-20-8	p-I-Ph	*	H	*	Et	H	F	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XXXI-21.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXXI-21-1	CH_3	H	H	H	^{i}Pr	H	F	F	OH
XXXI-21-2	CH_3	H	H	CH_3	^{i}Pr	H	F	F	OH
XXXI-21-3	CH_3	H	H	$CH(CH_3)_2$	^{i}Pr	H	F	F	OH
XXXI-21-4	CH_3	H	H	$CH_2CH(CH_3)_2$	^{i}Pr	H	F	F	OH
XXXI-21-5	CH_3	H	H	CH_2Ph	^{i}Pr	H	F	F	OH
XXXI-21-6	CH_3	H	H	CH_2-indol-3-yl	^{i}Pr	H	F	F	OH
XXXI-21-7	CH_3	H	H	$CH_2CH_2SCH_3$	^{i}Pr	H	F	F	OH
XXXI-21-8	CH_3	*	H	*	^{i}Pr	H	F	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXXI-22.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXXI-22-1	Et	H	H	H	^{i}Pr	H	F	F	OH
XXXI-22-2	Et	H	H	CH_3	^{i}Pr	H	F	F	OH
XXXI-22-3	Et	H	H	$CH(CH_3)_2$	^{i}Pr	H	F	F	OH
XXXI-22-4	Et	H	H	$CH_2CH(CH_3)_2$	^{i}Pr	H	F	F	OH
XXXI-22-5	Et	H	H	CH_2Ph	^{i}Pr	H	F	F	OH
XXXI-22-6	Et	H	H	CH_2-indol-3-yl	^{i}Pr	H	F	F	OH
XXXI-22-7	Et	H	H	$CH_2CH_2SCH_3$	^{i}Pr	H	F	F	OH
XXXI-22-8	Et	*	H	*	^{i}Pr	H	F	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXXI-23.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXXI-23-1	^{i}Pr	H	H	H	^{i}Pr	H	F	F	OH
XXXI-23-2	^{i}Pr	H	H	CH_3	^{i}Pr	H	F	F	OH
XXXI-23-3	^{i}Pr	H	H	$CH(CH_3)_2$	^{i}Pr	H	F	F	OH
XXXI-23-4	^{i}Pr	H	H	$CH_2CH(CH_3)_2$	^{i}Pr	H	F	F	OH
XXXI-23-5	^{i}Pr	H	H	CH_2Ph	^{i}Pr	H	F	F	OH
XXXI-23-6	^{i}Pr	H	H	CH_2-indol-3-yl	^{i}Pr	H	F	F	OH
XXXI-23-7	^{i}Pr	H	H	$CH_2CH_2SCH_3$	^{i}Pr	H	F	F	OH
XXXI-23-8	^{i}Pr	*	H	*	^{i}Pr	H	F	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XXXI-24.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXXI-24-1	^{t}Bu	H	H	H	^{i}Pr	H	F	F	OH
XXXI-24-2	^{t}Bu	H	H	CH_3	^{i}Pr	H	F	F	OH
XXXI-24-3	^{t}Bu	H	H	$CH(CH_3)_2$	^{i}Pr	H	F	F	OH
XXXI-24-4	^{t}Bu	H	H	$CH_2CH(CH_3)_2$	^{i}Pr	H	F	F	OH
XXXI-24-5	^{t}Bu	H	H	CH_2Ph	^{i}Pr	H	F	F	OH
XXXI-24-6	^{t}Bu	H	H	CH_2-indol-3-yl	^{i}Pr	H	F	F	OH
XXXI-24-7	^{t}Bu	H	H	$CH_2CH_2SCH_3$	^{i}Pr	H	F	F	OH
XXXI-24-8	^{t}Bu	*	H	*	^{i}Pr	H	F	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXXI-25.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXXI-25-1	Ph	H	H	H	^{i}Pr	H	F	F	OH
XXXI-25-2	Ph	H	H	CH_3	^{i}Pr	H	F	F	OH
XXXI-25-3	Ph	H	H	$CH(CH_3)_2$	^{i}Pr	H	F	F	OH
XXXI-25-4	Ph	H	H	$CH_2CH(CH_3)_2$	^{i}Pr	H	F	F	OH
XXXI-25-5	Ph	H	H	CH_2Ph	^{i}Pr	H	F	F	OH
XXXI-25-6	Ph	H	H	CH_2-indol-3-yl	^{i}Pr	H	F	F	OH
XXXI-25-7	Ph	H	H	$CH_2CH_2SCH_3$	^{i}Pr	H	F	F	OH
XXXI-25-8	Ph	*	H	*	^{i}Pr	H	F	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXXI-26.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXXI-26-1	p-Me-Ph	H	H	H	^{i}Pr	H	F	F	OH
XXXI-26-2	p-Me-Ph	H	H	CH_3	^{i}Pr	H	F	F	OH
XXXI-26-3	p-Me-Ph	H	H	$CH(CH_3)_2$	^{i}Pr	H	F	F	OH
XXXI-26-4	p-Me-Ph	H	H	$CH_2CH(CH_3)_2$	^{i}Pr	H	F	F	OH
XXXI-26-5	p-Me-Ph	H	H	CH_2Ph	^{i}Pr	H	F	F	OH
XXXI-26-6	p-Me-Ph	H	H	CH_2-indol-3-yl	^{i}Pr	H	F	F	OH
XXXI-26-7	p-Me-Ph	H	H	$CH_2CH_2SCH_3$	^{i}Pr	H	F	F	OH
XXXI-26-8	p-Me-Ph	*	H	*	^{i}Pr	H	F	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XXXI-27.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXXI-27-1	p-F-Ph	H	H	H	^{i}Pr	H	F	F	OH
XXXI-27-2	p-F-Ph	H	H	CH_3	^{i}Pr	H	F	F	OH
XXXI-27-3	p-F-Ph	H	H	$CH(CH_3)_2$	^{i}Pr	H	F	F	OH
XXXI-27-4	p-F-Ph	H	H	$CH_2CH(CH_3)_2$	^{i}Pr	H	F	F	OH
XXXI-27-5	p-F-Ph	H	H	CH_2Ph	^{i}Pr	H	F	F	OH
XXXI-27-6	p-F-Ph	H	H	CH_2-indol-3-yl	^{i}Pr	H	F	F	OH
XXXI-27-7	p-F-Ph	H	H	$CH_2CH_2SCH_3$	^{i}Pr	H	F	F	OH
XXXI-27-8	p-F-Ph	*	H	*	^{i}Pr	H	F	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXXI-28.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXXI-28-1	p-Cl-Ph	H	H	H	^{i}Pr	H	F	F	OH
XXXI-28-2	p-Cl-Ph	H	H	CH_3	^{i}Pr	H	F	F	OH
XXXI-28-3	p-Cl-Ph	H	H	$CH(CH_3)_2$	^{i}Pr	H	F	F	OH
XXXI-28-4	p-Cl-Ph	H	H	$CH_2CH(CH_3)_2$	^{i}Pr	H	F	F	OH
XXXI-28-5	p-Cl-Ph	H	H	CH_2Ph	^{i}Pr	H	F	F	OH
XXXI-28-6	p-Cl-Ph	H	H	CH_2-indol-3-yl	^{i}Pr	H	F	F	OH
XXXI-28-7	p-Cl-Ph	H	H	$CH_2CH_2SCH_3$	^{i}Pr	H	F	F	OH
XXXI-28-8	p-Cl-Ph	*	H	*	^{i}Pr	H	F	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXXI-29.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXXI-29-1	p-Br-Ph	H	H	H	^{i}Pr	H	F	F	OH
XXXI-29-2	p-Br-Ph	H	H	CH_3	^{i}Pr	H	F	F	OH
XXXI-29-3	p-Br-Ph	H	H	$CH(CH_3)_2$	^{i}Pr	H	F	F	OH
XXXI-29-4	p-Br-Ph	H	H	$CH_2CH(CH_3)_2$	^{i}Pr	H	F	F	OH
XXXI-29-5	p-Br-Ph	H	H	CH_2Ph	^{i}Pr	H	F	F	OH
XXXI-29-6	p-Br-Ph	H	H	CH_2-indol-3-yl	^{i}Pr	H	F	F	OH
XXXI-29-7	p-Br-Ph	H	H	$CH_2CH_2SCH_3$	^{i}Pr	H	F	F	OH
XXXI-29-8	p-Br-Ph	*	H	*	^{i}Pr	H	F	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XXXI-30.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXXI-30-1	p-I-Ph	H	H	H	^{i}Pr	H	F	F	OH
XXXI-30-2	p-I-Ph	H	H	CH_3	^{i}Pr	H	F	F	OH
XXXI-30-3	p-I-Ph	H	H	$CH(CH_3)_2$	^{i}Pr	H	F	F	OH
XXXI-30-4	p-I-Ph	H	H	$CH_2CH(CH_3)_2$	^{i}Pr	H	F	F	OH
XXXI-30-5	p-I-Ph	H	H	CH_2Ph	^{i}Pr	H	F	F	OH
XXXI-30-6	p-I-Ph	H	H	CH_2-indol-3-yl	^{i}Pr	H	F	F	OH
XXXI-30-7	p-I-Ph	H	H	$CH_2CH_2SCH_3$	^{i}Pr	H	F	F	OH
XXXI-30-8	p-I-Ph	*	H	*	^{i}Pr	H	F	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXXI-31.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXXI-31-1	CH_3	H	H	H	^{n}Bu	H	F	F	OH
XXXI-31-2	CH_3	H	H	CH_3	^{n}Bu	H	F	F	OH
XXXI-31-3	CH_3	H	H	$CH(CH_3)_2$	^{n}Bu	H	F	F	OH
XXXI-31-4	CH_3	H	H	$CH_2CH(CH_3)_2$	^{n}Bu	H	F	F	OH
XXXI-31-5	CH_3	H	H	CH_2Ph	^{n}Bu	H	F	F	OH
XXXI-31-6	CH_3	H	H	CH_2-indol-3-yl	^{n}Bu	H	F	F	OH
XXXI-31-7	CH_3	H	H	$CH_2CH_2SCH_3$	^{n}Bu	H	F	F	OH
XXXI-31-8	CH_3	*	H	*	^{n}Bu	H	F	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXXI-32.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXXI-32-1	Et	H	H	H	^{n}Bu	H	F	F	OH
XXXI-32-2	Et	H	H	CH_3	^{n}Bu	H	F	F	OH
XXXI-32-3	Et	H	H	$CH(CH_3)_2$	^{n}Bu	H	F	F	OH
XXXI-32-4	Et	H	H	$CH_2CH(CH_3)_2$	^{n}Bu	H	F	F	OH
XXXI-32-5	Et	H	H	CH_2Ph	^{n}Bu	H	F	F	OH
XXXI-32-6	Et	H	H	CH_2-indol-3-yl	^{n}Bu	H	F	F	OH
XXXI-32-7	Et	H	H	$CH_2CH_2SCH_3$	^{n}Bu	H	F	F	OH
XXXI-32-8	Et	*	H	*	^{n}Bu	H	F	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XXXI-33.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXXI-33-1	^{i}Pr	H	H	H	^{n}Bu	H	F	F	OH
XXXI-33-2	^{i}Pr	H	H	CH_3	^{n}Bu	H	F	F	OH
XXXI-33-3	^{i}Pr	H	H	$CH(CH_3)_2$	^{n}Bu	H	F	F	OH
XXXI-33-4	^{i}Pr	H	H	$CH_2CH(CH_3)_2$	^{n}Bu	H	F	F	OH
XXXI-33-5	^{i}Pr	H	H	CH_2Ph	^{n}Bu	H	F	F	OH
XXXI-33-6	^{i}Pr	H	H	CH_2-indol-3-yl	^{n}Bu	H	F	F	OH
XXXI-33-7	^{i}Pr	H	H	$CH_2CH_2SCH_3$	^{n}Bu	H	F	F	OH
XXXI-33-8	^{i}Pr	*	H	*	^{n}Bu	H	F	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXXI-34.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXXI-34-1	^{t}Bu	H	H	H	^{n}Bu	H	F	F	OH
XXXI-34-2	^{t}Bu	H	H	CH_3	^{n}Bu	H	F	F	OH
XXXI-34-3	^{t}Bu	H	H	$CH(CH_3)_2$	^{n}Bu	H	F	F	OH
XXXI-34-4	^{t}Bu	H	H	$CH_2CH(CH_3)_2$	^{n}Bu	H	F	F	OH
XXXI-34-5	^{t}Bu	H	H	CH_2Ph	^{n}Bu	H	F	F	OH
XXXI-34-6	^{t}Bu	H	H	CH_2-indol-3-yl	^{n}Bu	H	F	F	OH
XXXI-34-7	^{t}Bu	H	H	$CH_2CH_2SCH_3$	^{n}Bu	H	F	F	OH
XXXI-34-8	^{t}Bu	*	H	*	^{n}Bu	H	F	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXXI-35.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXXI-35-1	Ph	H	H	H	^{n}Bu	H	F	F	OH
XXXI-35-2	Ph	H	H	CH_3	^{n}Bu	H	F	F	OH
XXXI-35-3	Ph	H	H	$CH(CH_3)_2$	^{n}Bu	H	F	F	OH
XXXI-35-4	Ph	H	H	$CH_2CH(CH_3)_2$	^{n}Bu	H	F	F	OH
XXXI-35-5	Ph	H	H	CH_2Ph	^{n}Bu	H	F	F	OH
XXXI-35-6	Ph	H	H	CH_2-indol-3-yl	^{n}Bu	H	F	F	OH
XXXI-35-7	Ph	H	H	$CH_2CH_2SCH_3$	^{n}Bu	H	F	F	OH
XXXI-35-8	Ph	*	H	*	^{n}Bu	H	F	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XXXI-36.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXXI-36-1	p-Me-Ph	H	H	H	^{n}Bu	H	F	F	OH
XXXI-36-2	p-Me-Ph	H	H	CH_3	^{n}Bu	H	F	F	OH
XXXI-36-3	p-Me-Ph	H	H	$CH(CH_3)_2$	^{n}Bu	H	F	F	OH
XXXI-36-4	p-Me-Ph	H	H	$CH_2CH(CH_3)_2$	^{n}Bu	H	F	F	OH
XXXI-36-5	p-Me-Ph	H	H	CH_2Ph	^{n}Bu	H	F	F	OH
XXXI-36-6	p-Me-Ph	H	H	CH_2-indol-3-yl	^{n}Bu	H	F	F	OH
XXXI-36-7	p-Me-Ph	H	H	$CH_2CH_2SCH_3$	^{n}Bu	H	F	F	OH
XXXI-36-8	p-Me-Ph	*	H	*	^{n}Bu	H	F	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXXI-37.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXXI-37-1	p-F-Ph	H	H	H	^{n}Bu	H	F	F	OH
XXXI-37-2	p-F-Ph	H	H	CH_3	^{n}Bu	H	F	F	OH
XXXI-37-3	p-F-Ph	H	H	$CH(CH_3)_2$	^{n}Bu	H	F	F	OH
XXXI-37-4	p-F-Ph	H	H	$CH_2CH(CH_3)_2$	^{n}Bu	H	F	F	OH
XXXI-37-5	p-F-Ph	H	H	CH_2Ph	^{n}Bu	H	F	F	OH
XXXI-37-6	p-F-Ph	H	H	CH_2-indol-3-yl	^{n}Bu	H	F	F	OH
XXXI-37-7	p-F-Ph	H	H	$CH_2CH_2SCH_3$	^{n}Bu	H	F	F	OH
XXXI-37-8	p-F-Ph	*	H	*	^{n}Bu	H	F	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXXI-38.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXXI-38-1	p-Cl-Ph	H	H	H	^{n}Bu	H	F	F	OH
XXXI-38-2	p-Cl-Ph	H	H	CH_3	^{n}Bu	H	F	F	OH
XXXI-38-3	p-Cl-Ph	H	H	$CH(CH_3)_2$	^{n}Bu	H	F	F	OH
XXXI-38-4	p-Cl-Ph	H	H	$CH_2CH(CH_3)_2$	^{n}Bu	H	F	F	OH
XXXI-38-5	p-Cl-Ph	H	H	CH_2Ph	^{n}Bu	H	F	F	OH
XXXI-38-6	p-Cl-Ph	H	H	CH_2-indol-3-yl	^{n}Bu	H	F	F	OH
XXXI-38-7	p-Cl-Ph	H	H	$CH_2CH_2SCH_3$	^{n}Bu	H	F	F	OH
XXXI-38-8	p-Cl-Ph	*	H	*	^{n}Bu	H	F	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XXXI-39.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXXI-39-1	p-Br-Ph	H	H	H	^{n}Bu	H	F	F	OH
XXXI-39-2	p-Br-Ph	H	H	CH_3	^{n}Bu	H	F	F	OH
XXXI-39-3	p-Br-Ph	H	H	$CH(CH_3)_2$	^{n}Bu	H	F	F	OH
XXXI-39-4	p-Br-Ph	H	H	$CH_2CH(CH_3)_2$	^{n}Bu	H	F	F	OH
XXXI-39-5	p-Br-Ph	H	H	CH_2Ph	^{n}Bu	H	F	F	OH
XXXI-39-6	p-Br-Ph	H	H	CH_2-indol-3-yl	^{n}Bu	H	F	F	OH
XXXI-39-7	p-Br-Ph	H	H	$CH_2CH_2SCH_3$	^{n}Bu	H	F	F	OH
XXXI-39-8	p-Br-Ph	*	H	*	^{n}Bu	H	F	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXXI-40.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXXI-40-1	p-I-Ph	H	H	H	^{n}Bu	H	F	F	OH
XXXI-40-2	p-I-Ph	H	H	CH_3	^{n}Bu	H	F	F	OH
XXXI-40-3	p-I-Ph	H	H	$CH(CH_3)_2$	^{n}Bu	H	F	F	OH
XXXI-40-4	p-I-Ph	H	H	$CH_2CH(CH_3)_2$	^{n}Bu	H	F	F	OH
XXXI-40-5	p-I-Ph	H	H	CH_2Ph	^{n}Bu	H	F	F	OH
XXXI-40-6	p-I-Ph	H	H	CH_2-indol-3-yl	^{n}Bu	H	F	F	OH
XXXI-40-7	p-I-Ph	H	H	$CH_2CH_2SCH_3$	^{n}Bu	H	F	F	OH
XXXI-40-8	p-I-Ph	*	H	*	^{n}Bu	H	F	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXXI-41.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXXI-41-1	CH_3	H	H	H	Bz	H	F	F	OH
XXXI-41-2	CH_3	H	H	CH_3	Bz	H	F	F	OH
XXXI-41-3	CH_3	H	H	$CH(CH_3)_2$	Bz	H	F	F	OH
XXXI-41-4	CH_3	H	H	$CH_2CH(CH_3)_2$	Bz	H	F	F	OH
XXXI-41-5	CH_3	H	H	CH_2Ph	Bz	H	F	F	OH
XXXI-41-6	CH_3	H	H	CH_2-indol-3-yl	Bz	H	F	F	OH
XXXI-41-7	CH_3	H	H	$CH_2CH_2SCH_3$	Bz	H	F	F	OH
XXXI-41-8	CH_3	*	H	*	Bz	H	F	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XXXI-42.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXXI-42-1	Et	H	H	H	Bz	H	F	F	OH
XXXI-42-2	Et	H	H	CH_3	Bz	H	F	F	OH
XXXI-42-3	Et	H	H	$CH(CH_3)_2$	Bz	H	F	F	OH
XXXI-42-4	Et	H	H	$CH_2CH(CH_3)_2$	Bz	H	F	F	OH
XXXI-42-5	Et	H	H	CH_2Ph	Bz	H	F	F	OH
XXXI-42-6	Et	H	H	CH_2-indol-3-yl	Bz	H	F	F	OH
XXXI-42-7	Et	H	H	$CH_2CH_2SCH_3$	Bz	H	F	F	OH
XXXI-42-8	Et	*	H	*	Bz	H	F	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXXI-43.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXXI-43-1	^{i}Pr	H	H	H	Bz	H	F	F	OH
XXXI-43-2	^{i}Pr	H	H	CH_3	Bz	H	F	F	OH
XXXI-43-3	^{i}Pr	H	H	$CH(CH_3)_2$	Bz	H	F	F	OH
XXXI-43-4	^{i}Pr	H	H	$CH_2CH(CH_3)_2$	Bz	H	F	F	OH
XXXI-43-5	^{i}Pr	H	H	CH_2Ph	Bz	H	F	F	OH
XXXI-43-6	^{i}Pr	H	H	CH_2-indol-3-yl	Bz	H	F	F	OH
XXXI-43-7	^{i}Pr	H	H	$CH_2CH_2SCH_3$	Bz	H	F	F	OH
XXXI-43-8	^{i}Pr	*	H	*	Bz	H	F	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXXI-44.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXXI-44-1	^{t}Bu	H	H	H	Bz	H	F	F	OH
XXXI-44-2	^{t}Bu	H	H	CH_3	Bz	H	F	F	OH
XXXI-44-3	^{t}Bu	H	H	$CH(CH_3)_2$	Bz	H	F	F	OH
XXXI-44-4	^{t}Bu	H	H	$CH_2CH(CH_3)_2$	Bz	H	F	F	OH
XXXI-44-5	^{t}Bu	H	H	CH_2Ph	Bz	H	F	F	OH
XXXI-44-6	^{t}Bu	H	H	CH_2-indol-3-yl	Bz	H	F	F	OH
XXXI-44-7	^{t}Bu	H	H	$CH_2CH_2SCH_3$	Bz	H	F	F	OH
XXXI-44-8	^{t}Bu	*	H	*	Bz	H	F	F	OH

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*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXXI-45.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXXI-45-1	Ph	H	H	H	Bz	H	F	F	OH
XXXI-45-2	Ph	H	H	CH_3	Bz	H	F	F	OH
XXXI-45-3	Ph	H	H	$CH(CH_3)_2$	Bz	H	F	F	OH
XXXI-45-4	Ph	H	H	$CH_2CH(CH_3)_2$	Bz	H	F	F	OH
XXXI-45-5	Ph	H	H	CH_2Ph	Bz	H	F	F	OH
XXXI-45-6	Ph	H	H	CH_2-indol-3-yl	Bz	H	F	F	OH
XXXI-45-7	Ph	H	H	$CH_2CH_2SCH_3$	Bz	H	F	F	OH
XXXI-45-8	Ph	*	H	*	Bz	H	F	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXXI-46.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXXI-46-1	p-Me-Ph	H	H	H	Bz	H	F	F	OH
XXXI-46-2	p-Me-Ph	H	H	CH_3	Bz	H	F	F	OH
XXXI-46-3	p-Me-Ph	H	H	$CH(CH_3)_2$	Bz	H	F	F	OH
XXXI-46-4	p-Me-Ph	H	H	$CH_2CH(CH_3)_2$	Bz	H	F	F	OH
XXXI-46-5	p-Me-Ph	H	H	CH_2Ph	Bz	H	F	F	OH
XXXI-46-6	p-Me-Ph	H	H	CH_2-indol-3-yl	Bz	H	F	F	OH
XXXI-46-7	p-Me-Ph	H	H	$CH_2CH_2SCH_3$	Bz	H	F	F	OH
XXXI-46-8	p-Me-Ph	*	H	*	Bz	H	F	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXXI-47.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXXI-47-1	p-F-Ph	H	H	H	Bz	H	F	F	OH
XXXI-47-2	p-F-Ph	H	H	CH_3	Bz	H	F	F	OH
XXXI-47-3	p-F-Ph	H	H	$CH(CH_3)_2$	Bz	H	F	F	OH
XXXI-47-4	p-F-Ph	H	H	$CH_2CH(CH_3)_2$	Bz	H	F	F	OH
XXXI-47-5	p-F-Ph	H	H	CH_2Ph	Bz	H	F	F	OH
XXXI-47-6	p-F-Ph	H	H	CH_2-indol-3-yl	Bz	H	F	F	OH
XXXI-47-7	p-F-Ph	H	H	$CH_2CH_2SCH_3$	Bz	H	F	F	OH

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№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXXI-47-8	p-F-Ph	*	H	*	Bz	H	F	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXXI-48.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXXI-48-1	p-Cl-Ph	H	H	H	Bz	H	F	F	OH
XXXI-48-2	p-Cl-Ph	H	H	CH_3	Bz	H	F	F	OH
XXXI-48-3	p-Cl-Ph	H	H	$CH(CH_3)_2$	Bz	H	F	F	OH
XXXI-48-4	p-Cl-Ph	H	H	$CH_2CH(CH_3)_2$	Bz	H	F	F	OH
XXXI-48-5	p-Cl-Ph	H	H	CH_2Ph	Bz	H	F	F	OH
XXXI-48-6	p-Cl-Ph	H	H	CH_2-indol-3-yl	Bz	H	F	F	OH
XXXI-48-7	p-Cl-Ph	H	H	$CH_2CH_2SCH_3$	Bz	H	F	F	OH
XXXI-48-8	p-Cl-Ph	*	H	*	Bz	H	F	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXXI-49.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXXI-49-1	p-Br-Ph	H	H	H	Bz	H	F	F	OH
XXXI-49-2	p-Br-Ph	H	H	CH_3	Bz	H	F	F	OH
XXXI-49-3	p-Br-Ph	H	H	$CH(CH_3)_2$	Bz	H	F	F	OH
XXXI-49-4	p-Br-Ph	H	H	$CH_2CH(CH_3)_2$	Bz	H	F	F	OH
XXXI-49-5	p-Br-Ph	H	H	CH_2Ph	Bz	H	F	F	OH
XXXI-49-6	p-Br-Ph	H	H	CH_2-indol-3-yl	Bz	H	F	F	OH
XXXI-49-7	p-Br-Ph	H	H	$CH_2CH_2SCH_3$	Bz	H	F	F	OH
XXXI-49-8	p-Br-Ph	*	H	*	Bz	H	F	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

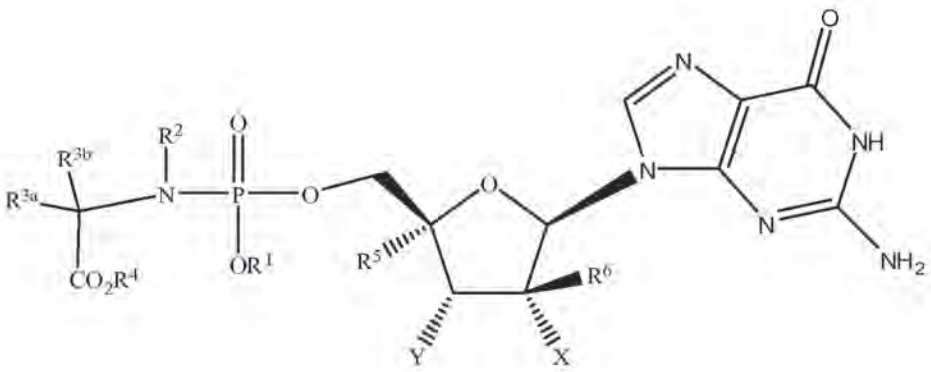
Table XXXI-50.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXXI-50-1	p-I-Ph	H	H	H	Bz	H	F	F	OH
XXXI-50-2	p-I-Ph	H	H	CH_3	Bz	H	F	F	OH
XXXI-50-3	p-I-Ph	H	H	$CH(CH_3)_2$	Bz	H	F	F	OH
XXXI-50-4	p-I-Ph	H	H	$CH_2CH(CH_3)_2$	Bz	H	F	F	OH
XXXI-50-5	p-I-Ph	H	H	CH_2Ph	Bz	H	F	F	OH

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№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXXI-50-6	p-I-Ph	H	H	CH_2-indol-3-yl	Bz	H	F	F	OH
XXXI-50-7	p-I-Ph	H	H	$CH_2CH_2SCH_3$	Bz	H	F	F	OH
XXXI-50-8	p-I-Ph	*	H	*	Bz	H	F	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.



XXXII

Table XXXII-1.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXXII-1-1	CH_3	H	H	H	CH_3	H	H	F	OH
XXXII-1-2	CH_3	H	H	CH_3	CH_3	H	H	F	OH
XXXII-1-3	CH_3	H	H	$CH(CH_3)_2$	CH_3	H	H	F	OH
XXXII-1-4	CH_3	H	H	$CH_2CH(CH_3)_2$	CH_3	H	H	F	OH
XXXII-1-5	CH_3	H	H	CH_2Ph	CH_3	H	H	F	OH
XXXII-1-6	CH_3	H	H	CH_2-indol-3-yl	CH_3	H	H	F	OH
XXXII-1-7	CH_3	H	H	$CH_2CH_2SCH_3$	CH_3	H	H	F	OH
XXXII-1-8	CH_3	*	H	*	CH_3	H	H	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXXII-2.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXXII-2-1	Et	H	H	H	CH_3	H	H	F	OH
XXXII-2-2	Et	H	H	CH_3	CH_3	H	H	F	OH
XXXII-2-3	Et	H	H	$CH(CH_3)_2$	CH_3	H	H	F	OH

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№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXXII-2-4	Et	H	H	$CH_2CH(CH_3)_2$	CH_3	H	H	F	OH
XXXII-2-5	Et	H	H	CH_2Ph	CH_3	H	H	F	OH
XXXII-2-6	Et	H	H	CH_2-indol-3-yl	CH_3	H	H	F	OH
XXXII-2-7	Et	H	H	$CH_2CH_2SCH_3$	CH_3	H	H	F	OH
XXXII-2-8	Et	*	H	*	CH_3	H	H	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXXII-3.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXXII-3-1	^{i}Pr	H	H	H	CH_3	H	H	F	OH
XXXII-3-2	^{i}Pr	H	H	CH_3	CH_3	H	H	F	OH
XXXII-3-3	^{i}Pr	H	H	$CH(CH_3)_2$	CH_3	H	H	F	OH
XXXII-3-4	^{i}Pr	H	H	$CH_2CH(CH_3)_2$	CH_3	H	H	F	OH
XXXII-3-5	^{i}Pr	H	H	CH_2Ph	CH_3	H	H	F	OH
XXXII-3-6	^{i}Pr	H	H	CH_2-indol-3-yl	CH_3	H	H	F	OH
XXXII-3-7	^{i}Pr	H	H	$CH_2CH_2SCH_3$	CH_3	H	H	F	OH
XXXII-3-8	^{i}Pr	*	H	*	CH_3	H	H	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXXII-4.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXXII-4-1	^{t}Bu	H	H	H	CH_3	H	H	F	OH
XXXII-4-2	^{t}Bu	H	H	CH_3	CH_3	H	H	F	OH
XXXII-4-3	^{t}Bu	H	H	$CH(CH_3)_2$	CH_3	H	H	F	OH
XXXII-4-4	^{t}Bu	H	H	$CH_2CH(CH_3)_2$	CH_3	H	H	F	OH
XXXII-4-5	^{t}Bu	H	H	CH_2Ph	CH_3	H	H	F	OH
XXXII-4-6	^{t}Bu	H	H	CH_2-indol-3-yl	CH_3	H	H	F	OH
XXXII-4-7	^{t}Bu	H	H	$CH_2CH_2SCH_3$	CH_3	H	H	F	OH
XXXII-4-8	^{t}Bu	*	H	*	CH_3	H	H	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXXII-5.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXXII-5-1	Ph	H	H	H	CH_3	H	H	F	OH

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№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXXII-5-2	Ph	H	H	CH_3	CH_3	H	H	F	OH
XXXII-5-3	Ph	H	H	$CH(CH_3)_2$	CH_3	H	H	F	OH
XXXII-5-4	Ph	H	H	$CH_2CH(CH_3)_2$	CH_3	H	H	F	OH
XXXII-5-5	Ph	H	H	CH_2Ph	CH_3	H	H	F	OH
XXXII-5-6	Ph	H	H	CH_2-indol-3-yl	CH_3	H	H	F	OH
XXXII-5-7	Ph	H	H	$CH_2CH_2SCH_3$	CH_3	H	H	F	OH
XXXII-5-8	Ph	*	H	*	CH_3	H	H	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXXII-6.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXXII-6-1	p-Me-Ph	H	H	H	CH_3	H	H	F	OH
XXXII-6-2	p-Me-Ph	H	H	CH_3	CH_3	H	H	F	OH
XXXII-6-3	p-Me-Ph	H	H	$CH(CH_3)_2$	CH_3	H	H	F	OH
XXXII-6-4	p-Me-Ph	H	H	$CH_2CH(CH_3)_2$	CH_3	H	H	F	OH
XXXII-6-5	p-Me-Ph	H	H	CH_2Ph	CH_3	H	H	F	OH
XXXII-6-6	p-Me-Ph	H	H	CH_2-indol-3-yl	CH_3	H	H	F	OH
XXXII-6-7	p-Me-Ph	H	H	$CH_2CH_2SCH_3$	CH_3	H	H	F	OH
XXXII-6-8	p-Me-Ph	*	H	*	CH_3	H	H	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXXII-7.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXXII-7-1	p-F-Ph	H	H	H	CH_3	H	H	F	OH
XXXII-7-2	p-F-Ph	H	H	CH_3	CH_3	H	H	F	OH
XXXII-7-3	p-F-Ph	H	H	$CH(CH_3)_2$	CH_3	H	H	F	OH
XXXII-7-4	p-F-Ph	H	H	$CH_2CH(CH_3)_2$	CH_3	H	H	F	OH
XXXII-7-6	p-F-Ph	H	H	CH_2Ph	CH_3	H	H	F	OH
XXXII-7-7	p-F-Ph	H	H	CH_2-indol-3-yl	CH_3	H	H	F	OH
XXXII-7-8	p-F-Ph	H	H	$CH_2CH_2SCH_3$	CH_3	H	H	F	OH
XXXII-7-20	p-F-Ph	*	H	*	CH_3	H	H	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXXII-8.

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№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXXII-8-1	p-Cl-Ph	H	H	H	CH_3	H	H	F	OH
XXXII-8-2	p-Cl-Ph	H	H	CH_3	CH_3	H	H	F	OH
XXXII-8-3	p-Cl-Ph	H	H	$CH(CH_3)_2$	CH_3	H	H	F	OH
XXXII-8-4	p-Cl-Ph	H	H	$CH_2CH(CH_3)_2$	CH_3	H	H	F	OH
XXXII-8-5	p-Cl-Ph	H	H	CH_2Ph	CH_3	H	H	F	OH
XXXII-8-6	p-Cl-Ph	H	H	CH_2-indol-3-yl	CH_3	H	H	F	OH
XXXII-8-7	p-Cl-Ph	H	H	$CH_2CH_2SCH_3$	CH_3	H	H	F	OH
XXXII-8-8	p-Cl-Ph	*	H	*	CH_3	H	H	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXXII-9.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXXII-9-1	p-Br-Ph	H	H	H	CH_3	H	H	F	OH
XXXII-9-2	p-Br-Ph	H	H	CH_3	CH_3	H	H	F	OH
XXXII-9-3	p-Br-Ph	H	H	$CH(CH_3)_2$	CH_3	H	H	F	OH
XXXII-9-4	p-Br-Ph	H	H	$CH_2CH(CH_3)_2$	CH_3	H	H	F	OH
XXXII-9-6	p-Br-Ph	H	H	CH_2Ph	CH_3	H	H	F	OH
XXXII-9-7	p-Br-Ph	H	H	CH_2-indol-3-yl	CH_3	H	H	F	OH
XXXII-9-8	p-Br-Ph	H	H	$CH_2CH_2SCH_3$	CH_3	H	H	F	OH
XXXII-9-20	p-Br-Ph	*	H	*	CH_3	H	H	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXXII-10.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXXII-10-1	p-I-Ph	H	H	H	CH_3	H	H	F	OH
XXXII-10-2	p-I-Ph	H	H	CH_3	CH_3	H	H	F	OH
XXXII-10-3	p-I-Ph	H	H	$CH(CH_3)_2$	CH_3	H	H	F	OH
XXXII-10-4	p-I-Ph	H	H	$CH_2CH(CH_3)_2$	CH_3	H	H	F	OH
XXXII-10-5	p-I-Ph	H	H	CH_2Ph	CH_3	H	H	F	OH
XXXII-10-6	p-I-Ph	H	H	CH_2-indol-3-yl	CH_3	H	H	F	OH
XXXII-10-7	p-I-Ph	H	H	$CH_2CH_2SCH_3$	CH_3	H	H	F	OH
XXXII-10-8	p-I-Ph	*	H	*	CH_3	H	H	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XXXII-11.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXXII-11-1	CH_3	H	H	H	Et	H	H	F	OH
XXXII-11-2	CH_3	H	H	CH_3	Et	H	H	F	OH
XXXII-11-3	CH_3	H	H	$CH(CH_3)_2$	Et	H	H	F	OH
XXXII-11-4	CH_3	H	H	$CH_2CH(CH_3)_2$	Et	H	H	F	OH
XXXII-11-5	CH_3	H	H	CH_2Ph	Et	H	H	F	OH
XXXII-11-6	CH_3	H	H	CH_2-indol-3-yl	Et	H	H	F	OH
XXXII-11-7	CH_3	H	H	$CH_2CH_2SCH_3$	Et	H	H	F	OH
XXXII-11-8	CH_3	*	H	*	Et	H	H	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXXII-12.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXXII-12-1	Et	H	H	H	Et	H	H	F	OH
XXXII-12-2	Et	H	H	CH_3	Et	H	H	F	OH
XXXII-12-3	Et	H	H	$CH(CH_3)_2$	Et	H	H	F	OH
XXXII-12-4	Et	H	H	$CH_2CH(CH_3)_2$	Et	H	H	F	OH
XXXII-12-5	Et	H	H	CH_2Ph	Et	H	H	F	OH
XXXII-12-6	Et	H	H	CH_2-indol-3-yl	Et	H	H	F	OH
XXXII-12-7	Et	H	H	$CH_2CH_2SCH_3$	Et	H	H	F	OH
XXXII-12-8	Et	*	H	*	Et	H	H	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXXII-13.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXXII-13-1	^{i}Pr	H	H	H	Et	H	H	F	OH
XXXII-13-2	^{i}Pr	H	H	CH_3	Et	H	H	F	OH
XXXII-13-3	^{i}Pr	H	H	$CH(CH_3)_2$	Et	H	H	F	OH
XXXII-13-4	^{i}Pr	H	H	$CH_2CH(CH_3)_2$	Et	H	H	F	OH
XXXII-13-5	^{i}Pr	H	H	CH_2Ph	Et	H	H	F	OH
XXXII-13-6	^{i}Pr	H	H	CH_2-indol-3-yl	Et	H	H	F	OH
XXXII-13-7	^{i}Pr	H	H	$CH_2CH_2SCH_3$	Et	H	H	F	OH
XXXII-13-8	^{i}Pr	*	H	*	Et	H	H	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XXXII-14.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXXII-14-1	^{t}Bu	H	H	H	Et	H	H	F	OH
XXXII-14-2	^{t}Bu	H	H	CH_3	Et	H	H	F	OH
XXXII-14-3	^{t}Bu	H	H	$CH(CH_3)_2$	Et	H	H	F	OH
XXXII-14-4	^{t}Bu	H	H	$CH_2CH(CH_3)_2$	Et	H	H	F	OH
XXXII-14-5	^{t}Bu	H	H	CH_2Ph	Et	H	H	F	OH
XXXII-14-6	^{t}Bu	H	H	CH_2-indol-3-yl	Et	H	H	F	OH
XXXII-14-7	^{t}Bu	H	H	$CH_2CH_2SCH_3$	Et	H	H	F	OH
XXXII-14-8	^{t}Bu	*	H	*	Et	H	H	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXXII-15.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXXII-15-1	Ph	H	H	H	Et	H	H	F	OH
XXXII-15-2	Ph	H	H	CH_3	Et	H	H	F	OH
XXXII-15-3	Ph	H	H	$CH(CH_3)_2$	Et	H	H	F	OH
XXXII-15-4	Ph	H	H	$CH_2CH(CH_3)_2$	Et	H	H	F	OH
XXXII-15-5	Ph	H	H	CH_2Ph	Et	H	H	F	OH
XXXII-15-6	Ph	H	H	CH_2-indol-3-yl	Et	H	H	F	OH
XXXII-15-7	Ph	H	H	$CH_2CH_2SCH_3$	Et	H	H	F	OH
XXXII-15-8	Ph	*	H	*	Et	H	H	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXXII-16.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXXII-16-1	p-Me-Ph	H	H	H	Et	H	H	F	OH
XXXII-16-2	p-Me-Ph	H	H	CH_3	Et	H	H	F	OH
XXXII-16-3	p-Me-Ph	H	H	$CH(CH_3)_2$	Et	H	H	F	OH
XXXII-16-4	p-Me-Ph	H	H	$CH_2CH(CH_3)_2$	Et	H	H	F	OH
XXXII-16-5	p-Me-Ph	H	H	CH_2Ph	Et	H	H	F	OH
XXXII-16-6	p-Me-Ph	H	H	CH_2-indol-3-yl	Et	H	H	F	OH
XXXII-16-7	p-Me-Ph	H	H	$CH_2CH_2SCH_3$	Et	H	H	F	OH
XXXII-16-8	p-Me-Ph	*	H	*	Et	H	H	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XXXII-17.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXXII-17-1	p-F-Ph	H	H	H	Et	H	H	F	OH
XXXII-17-2	p-F-Ph	H	H	CH_3	Et	H	H	F	OH
XXXII-17-3	p-F-Ph	H	H	$CH(CH_3)_2$	Et	H	H	F	OH
XXXII-17-4	p-F-Ph	H	H	$CH_2CH(CH_3)_2$	Et	H	H	F	OH
XXXII-17-5	p-F-Ph	H	H	CH_2Ph	Et	H	H	F	OH
XXXII-17-6	p-F-Ph	H	H	CH_2-indol-3-yl	Et	H	H	F	OH
XXXII-17-7	p-F-Ph	H	H	$CH_2CH_2SCH_3$	Et	H	H	F	OH
XXXII-17-8	p-F-Ph	*	H	*	Et	H	H	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXXII-18.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXXII-18-1	p-Cl-Ph	H	H	H	Et	H	H	F	OH
XXXII-18-2	p-Cl-Ph	H	H	CH_3	Et	H	H	F	OH
XXXII-18-3	p-Cl-Ph	H	H	$CH(CH_3)_2$	Et	H	H	F	OH
XXXII-18-4	p-Cl-Ph	H	H	$CH_2CH(CH_3)_2$	Et	H	H	F	OH
XXXII-18-5	p-Cl-Ph	H	H	CH_2Ph	Et	H	H	F	OH
XXXII-18-6	p-Cl-Ph	H	H	CH_2-indol-3-yl	Et	H	H	F	OH
XXXII-18-7	p-Cl-Ph	H	H	$CH_2CH_2SCH_3$	Et	H	H	F	OH
XXXII-18-8	p-Cl-Ph	*	H	*	Et	H	H	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXXII-19.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXXII-19-1	p-Br-Ph	H	H	H	Et	H	H	F	OH
XXXII-19-2	p-Br-Ph	H	H	CH_3	Et	H	H	F	OH
XXXII-19-3	p-Br-Ph	H	H	$CH(CH_3)_2$	Et	H	H	F	OH
XXXII-19-4	p-Br-Ph	H	H	$CH_2CH(CH_3)_2$	Et	H	H	F	OH
XXXII-19-5	p-Br-Ph	H	H	CH_2Ph	Et	H	H	F	OH
XXXII-19-6	p-Br-Ph	H	H	CH_2-indol-3-yl	Et	H	H	F	OH
XXXII-19-7	p-Br-Ph	H	H	$CH_2CH_2SCH_3$	Et	H	H	F	OH
XXXII-19-8	p-Br-Ph	*	H	*	Et	H	H	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XXXII-20.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXXII-20-1	p-I-Ph	H	H	H	Et	H	H	F	OH
XXXII-20-2	p-I-Ph	H	H	CH_3	Et	H	H	F	OH
XXXII-20-3	p-I-Ph	H	H	$CH(CH_3)_2$	Et	H	H	F	OH
XXXII-20-4	p-I-Ph	H	H	$CH_2CH(CH_3)_2$	Et	H	H	F	OH
XXXII-20-5	p-I-Ph	H	H	CH_2Ph	Et	H	H	F	OH
XXXII-20-6	p-I-Ph	H	H	CH_2-indol-3-yl	Et	H	H	F	OH
XXXII-20-7	p-I-Ph	H	H	$CH_2CH_2SCH_3$	Et	H	H	F	OH
XXXII-20-8	p-I-Ph	*	H	*	Et	H	H	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXXII-21.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXXII-21-1	CH_3	H	H	H	^{i}Pr	H	H	F	OH
XXXII-21-2	CH_3	H	H	CH_3	^{i}Pr	H	H	F	OH
XXXII-21-3	CH_3	H	H	$CH(CH_3)_2$	^{i}Pr	H	H	F	OH
XXXII-21-4	CH_3	H	H	$CH_2CH(CH_3)_2$	^{i}Pr	H	H	F	OH
XXXII-21-5	CH_3	H	H	CH_2Ph	^{i}Pr	H	H	F	OH
XXXII-21-6	CH_3	H	H	CH_2-indol-3-yl	^{i}Pr	H	H	F	OH
XXXII-21-7	CH_3	H	H	$CH_2CH_2SCH_3$	^{i}Pr	H	H	F	OH
XXXII-21-8	CH_3	*	H	*	^{i}Pr	H	H	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXXII-22.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXXII-22-1	Et	H	H	H	^{i}Pr	H	H	F	OH
XXXII-22-2	Et	H	H	CH_3	^{i}Pr	H	H	F	OH
XXXII-22-3	Et	H	H	$CH(CH_3)_2$	^{i}Pr	H	H	F	OH
XXXII-22-4	Et	H	H	$CH_2CH(CH_3)_2$	^{i}Pr	H	H	F	OH
XXXII-22-5	Et	H	H	CH_2Ph	^{i}Pr	H	H	F	OH
XXXII-22-6	Et	H	H	CH_2-indol-3-yl	^{i}Pr	H	H	F	OH
XXXII-22-7	Et	H	H	$CH_2CH_2SCH_3$	^{i}Pr	H	H	F	OH
XXXII-22-8	Et	*	H	*	^{i}Pr	H	H	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XXXII-23.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXXII-23-1	^{i}Pr	H	H	H	^{i}Pr	H	H	F	OH
XXXII-23-2	^{i}Pr	H	H	CH_3	^{i}Pr	H	H	F	OH
XXXII-23-3	^{i}Pr	H	H	$CH(CH_3)_2$	^{i}Pr	H	H	F	OH
XXXII-23-4	^{i}Pr	H	H	$CH_2CH(CH_3)_2$	^{i}Pr	H	H	F	OH
XXXII-23-5	^{i}Pr	H	H	CH_2Ph	^{i}Pr	H	H	F	OH
XXXII-23-6	^{i}Pr	H	H	CH_2-indol-3-yl	^{i}Pr	H	H	F	OH
XXXII-23-7	^{i}Pr	H	H	$CH_2CH_2SCH_3$	^{i}Pr	H	H	F	OH
XXXII-23-8	^{i}Pr	*	H	*	^{i}Pr	H	H	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXXII-24.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXXII-24-1	^{t}Bu	H	H	H	^{i}Pr	H	H	F	OH
XXXII-24-2	^{t}Bu	H	H	CH_3	^{i}Pr	H	H	F	OH
XXXII-24-3	^{t}Bu	H	H	$CH(CH_3)_2$	^{i}Pr	H	H	F	OH
XXXII-24-4	^{t}Bu	H	H	$CH_2CH(CH_3)_2$	^{i}Pr	H	H	F	OH
XXXII-24-5	^{t}Bu	H	H	CH_2Ph	^{i}Pr	H	H	F	OH
XXXII-24-6	^{t}Bu	H	H	CH_2-indol-3-yl	^{i}Pr	H	H	F	OH
XXXII-24-7	^{t}Bu	H	H	$CH_2CH_2SCH_3$	^{i}Pr	H	H	F	OH
XXXII-24-8	^{t}Bu	*	H	*	^{i}Pr	H	H	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXXII-25.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXXII-25-1	Ph	H	H	H	^{i}Pr	H	H	F	OH
XXXII-25-2	Ph	H	H	CH_3	^{i}Pr	H	H	F	OH
XXXII-25-3	Ph	H	H	$CH(CH_3)_2$	^{i}Pr	H	H	F	OH
XXXII-25-4	Ph	H	H	$CH_2CH(CH_3)_2$	^{i}Pr	H	H	F	OH
XXXII-25-5	Ph	H	H	CH_2Ph	^{i}Pr	H	H	F	OH
XXXII-25-6	Ph	H	H	CH_2-indol-3-yl	^{i}Pr	H	H	F	OH
XXXII-25-7	Ph	H	H	$CH_2CH_2SCH_3$	^{i}Pr	H	H	F	OH
XXXII-25-8	Ph	*	H	*	^{i}Pr	H	H	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XXXII-26.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXXII-26-1	p-Me-Ph	H	H	H	^{i}Pr	H	H	F	OH
XXXII-26-2	p-Me-Ph	H	H	CH_3	^{i}Pr	H	H	F	OH
XXXII-26-3	p-Me-Ph	H	H	$CH(CH_3)_2$	^{i}Pr	H	H	F	OH
XXXII-26-4	p-Me-Ph	H	H	$CH_2CH(CH_3)_2$	^{i}Pr	H	H	F	OH
XXXII-26-5	p-Me-Ph	H	H	CH_2Ph	^{i}Pr	H	H	F	OH
XXXII-26-6	p-Me-Ph	H	H	CH_2-indol-3-yl	^{i}Pr	H	H	F	OH
XXXII-26-7	p-Me-Ph	H	H	$CH_2CH_2SCH_3$	^{i}Pr	H	H	F	OH
XXXII-26-8	p-Me-Ph	*	H	*	^{i}Pr	H	H	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXXII-27.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXXII-27-1	p-F-Ph	H	H	H	^{i}Pr	H	H	F	OH
XXXII-27-2	p-F-Ph	H	H	CH_3	^{i}Pr	H	H	F	OH
XXXII-27-3	p-F-Ph	H	H	$CH(CH_3)_2$	^{i}Pr	H	H	F	OH
XXXII-27-4	p-F-Ph	H	H	$CH_2CH(CH_3)_2$	^{i}Pr	H	H	F	OH
XXXII-27-5	p-F-Ph	H	H	CH_2Ph	^{i}Pr	H	H	F	OH
XXXII-27-6	p-F-Ph	H	H	CH_2-indol-3-yl	^{i}Pr	H	H	F	OH
XXXII-27-7	p-F-Ph	H	H	$CH_2CH_2SCH_3$	^{i}Pr	H	H	F	OH
XXXII-27-8	p-F-Ph	*	H	*	^{i}Pr	H	H	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXXII-28.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXXII-28-1	p-Cl-Ph	H	H	H	^{i}Pr	H	H	F	OH
XXXII-28-2	p-Cl-Ph	H	H	CH_3	^{i}Pr	H	H	F	OH
XXXII-28-3	p-Cl-Ph	H	H	$CH(CH_3)_2$	^{i}Pr	H	H	F	OH
XXXII-28-4	p-Cl-Ph	H	H	$CH_2CH(CH_3)_2$	^{i}Pr	H	H	F	OH
XXXII-28-5	p-Cl-Ph	H	H	CH_2Ph	^{i}Pr	H	H	F	OH
XXXII-28-6	p-Cl-Ph	H	H	CH_2-indol-3-yl	^{i}Pr	H	H	F	OH
XXXII-28-7	p-Cl-Ph	H	H	$CH_2CH_2SCH_3$	^{i}Pr	H	H	F	OH
XXXII-28-8	p-Cl-Ph	*	H	*	^{i}Pr	H	H	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XXXII-29.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXXII-29-1	p-Br-Ph	H	H	H	^{i}Pr	H	H	F	OH
XXXII-29-2	p-Br-Ph	H	H	CH_3	^{i}Pr	H	H	F	OH
XXXII-29-3	p-Br-Ph	H	H	$CH(CH_3)_2$	^{i}Pr	H	H	F	OH
XXXII-29-4	p-Br-Ph	H	H	$CH_2CH(CH_3)_2$	^{i}Pr	H	H	F	OH
XXXII-29-5	p-Br-Ph	H	H	CH_2Ph	^{i}Pr	H	H	F	OH
XXXII-29-6	p-Br-Ph	H	H	CH_2-indol-3-yl	^{i}Pr	H	H	F	OH
XXXII-29-7	p-Br-Ph	H	H	$CH_2CH_2SCH_3$	^{i}Pr	H	H	F	OH
XXXII-29-8	p-Br-Ph	*	H	*	^{i}Pr	H	H	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXXII-30.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXXII-30-1	p-I-Ph	H	H	H	^{i}Pr	H	H	F	OH
XXXII-30-2	p-I-Ph	H	H	CH_3	^{i}Pr	H	H	F	OH
XXXII-30-3	p-I-Ph	H	H	$CH(CH_3)_2$	^{i}Pr	H	H	F	OH
XXXII-30-4	p-I-Ph	H	H	$CH_2CH(CH_3)_2$	^{i}Pr	H	H	F	OH
XXXII-30-5	p-I-Ph	H	H	CH_2Ph	^{i}Pr	H	H	F	OH
XXXII-30-6	p-I-Ph	H	H	CH_2-indol-3-yl	^{i}Pr	H	H	F	OH
XXXII-30-7	p-I-Ph	H	H	$CH_2CH_2SCH_3$	^{i}Pr	H	H	F	OH
XXXII-30-8	p-I-Ph	*	H	*	^{i}Pr	H	H	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXXII-31.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXXII-31-1	CH_3	H	H	H	^{n}Bu	H	H	F	OH
XXXII-31-2	CH_3	H	H	CH_3	^{n}Bu	H	H	F	OH
XXXII-31-3	CH_3	H	H	$CH(CH_3)_2$	^{n}Bu	H	H	F	OH
XXXII-31-4	CH_3	H	H	$CH_2CH(CH_3)_2$	^{n}Bu	H	H	F	OH
XXXII-31-5	CH_3	H	H	CH_2Ph	^{n}Bu	H	H	F	OH
XXXII-31-6	CH_3	H	H	CH_2-indol-3-yl	^{n}Bu	H	H	F	OH
XXXII-31-7	CH_3	H	H	$CH_2CH_2SCH_3$	^{n}Bu	H	H	F	OH
XXXII-31-8	CH_3	*	H	*	^{n}Bu	H	H	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XXXII-32.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXXII-32-1	Et	H	H	H	^{n}Bu	H	H	F	OH
XXXII-32-2	Et	H	H	CH_3	^{n}Bu	H	H	F	OH
XXXII-32-3	Et	H	H	$CH(CH_3)_2$	^{n}Bu	H	H	F	OH
XXXII-32-4	Et	H	H	$CH_2CH(CH_3)_2$	^{n}Bu	H	H	F	OH
XXXII-32-5	Et	H	H	CH_2Ph	^{n}Bu	H	H	F	OH
XXXII-32-6	Et	H	H	CH_2-indol-3-yl	^{n}Bu	H	H	F	OH
XXXII-32-7	Et	H	H	$CH_2CH_2SCH_3$	^{n}Bu	H	H	F	OH
XXXII-32-8	Et	*	H	*	^{n}Bu	H	H	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXXII-33.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXXII-33-1	^{i}Pr	H	H	H	^{n}Bu	H	H	F	OH
XXXII-33-2	^{i}Pr	H	H	CH_3	^{n}Bu	H	H	F	OH
XXXII-33-3	^{i}Pr	H	H	$CH(CH_3)_2$	^{n}Bu	H	H	F	OH
XXXII-33-4	^{i}Pr	H	H	$CH_2CH(CH_3)_2$	^{n}Bu	H	H	F	OH
XXXII-33-5	^{i}Pr	H	H	CH_2Ph	^{n}Bu	H	H	F	OH
XXXII-33-6	^{i}Pr	H	H	CH_2-indol-3-yl	^{n}Bu	H	H	F	OH
XXXII-33-7	^{i}Pr	H	H	$CH_2CH_2SCH_3$	^{n}Bu	H	H	F	OH
XXXII-33-8	^{i}Pr	*	H	*	^{n}Bu	H	H	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXXII-34.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXXII-34-1	^{t}Bu	H	H	H	^{n}Bu	H	H	F	OH
XXXII-34-2	^{t}Bu	H	H	CH_3	^{n}Bu	H	H	F	OH
XXXII-34-3	^{t}Bu	H	H	$CH(CH_3)_2$	^{n}Bu	H	H	F	OH
XXXII-34-4	^{t}Bu	H	H	$CH_2CH(CH_3)_2$	^{n}Bu	H	H	F	OH
XXXII-34-5	^{t}Bu	H	H	CH_2Ph	^{n}Bu	H	H	F	OH
XXXII-34-6	^{t}Bu	H	H	CH_2-indol-3-yl	^{n}Bu	H	H	F	OH
XXXII-34-7	^{t}Bu	H	H	$CH_2CH_2SCH_3$	^{n}Bu	H	H	F	OH
XXXII-34-8	^{t}Bu	*	H	*	^{n}Bu	H	H	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XXXII-35.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXXII-35-1	Ph	H	H	H	^{n}Bu	H	H	F	OH
XXXII-35-2	Ph	H	H	CH_3	^{n}Bu	H	H	F	OH
XXXII-35-3	Ph	H	H	$CH(CH_3)_2$	^{n}Bu	H	H	F	OH
XXXII-35-4	Ph	H	H	$CH_2CH(CH_3)_2$	^{n}Bu	H	H	F	OH
XXXII-35-5	Ph	H	H	CH_2Ph	^{n}Bu	H	H	F	OH
XXXII-35-6	Ph	H	H	CH_2-indol-3-yl	^{n}Bu	H	H	F	OH
XXXII-35-7	Ph	H	H	$CH_2CH_2SCH_3$	^{n}Bu	H	H	F	OH
XXXII-35-8	Ph	*	H	*	^{n}Bu	H	H	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXXII-36.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXXII-36-1	p-Me-Ph	H	H	H	^{n}Bu	H	H	F	OH
XXXII-36-2	p-Me-Ph	H	H	CH_3	^{n}Bu	H	H	F	OH
XXXII-36-3	p-Me-Ph	H	H	$CH(CH_3)_2$	^{n}Bu	H	H	F	OH
XXXII-36-4	p-Me-Ph	H	H	$CH_2CH(CH_3)_2$	^{n}Bu	H	H	F	OH
XXXII-36-5	p-Me-Ph	H	H	CH_2Ph	^{n}Bu	H	H	F	OH
XXXII-36-6	p-Me-Ph	H	H	CH_2-indol-3-yl	^{n}Bu	H	H	F	OH
XXXII-36-7	p-Me-Ph	H	H	$CH_2CH_2SCH_3$	^{n}Bu	H	H	F	OH
XXXII-36-8	p-Me-Ph	*	H	*	^{n}Bu	H	H	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXXII-37.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXXII-37-1	p-F-Ph	H	H	H	^{n}Bu	H	H	F	OH
XXXII-37-2	p-F-Ph	H	H	CH_3	^{n}Bu	H	H	F	OH
XXXII-37-3	p-F-Ph	H	H	$CH(CH_3)_2$	^{n}Bu	H	H	F	OH
XXXII-37-4	p-F-Ph	H	H	$CH_2CH(CH_3)_2$	^{n}Bu	H	H	F	OH
XXXII-37-5	p-F-Ph	H	H	CH_2Ph	^{n}Bu	H	H	F	OH
XXXII-37-6	p-F-Ph	H	H	CH_2-indol-3-yl	^{n}Bu	H	H	F	OH
XXXII-37-7	p-F-Ph	H	H	$CH_2CH_2SCH_3$	^{n}Bu	H	H	F	OH
XXXII-37-8	p-F-Ph	*	H	*	^{n}Bu	H	H	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XXXII-38.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXXII-38-1	p-Cl-Ph	H	H	H	^{n}Bu	H	H	F	OH
XXXII-38-2	p-Cl-Ph	H	H	CH_3	^{n}Bu	H	H	F	OH
XXXII-38-3	p-Cl-Ph	H	H	$CH(CH_3)_2$	^{n}Bu	H	H	F	OH
XXXII-38-4	p-Cl-Ph	H	H	$CH_2CH(CH_3)_2$	^{n}Bu	H	H	F	OH
XXXII-38-5	p-Cl-Ph	H	H	CH_2Ph	^{n}Bu	H	H	F	OH
XXXII-38-6	p-Cl-Ph	H	H	CH_2-indol-3-yl	^{n}Bu	H	H	F	OH
XXXII-38-7	p-Cl-Ph	H	H	$CH_2CH_2SCH_3$	^{n}Bu	H	H	F	OH
XXXII-38-8	p-Cl-Ph	*	H	*	^{n}Bu	H	H	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXXII-39.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXXII-39-1	p-Br-Ph	H	H	H	^{n}Bu	H	H	F	OH
XXXII-39-2	p-Br-Ph	H	H	CH_3	^{n}Bu	H	H	F	OH
XXXII-39-3	p-Br-Ph	H	H	$CH(CH_3)_2$	^{n}Bu	H	H	F	OH
XXXII-39-4	p-Br-Ph	H	H	$CH_2CH(CH_3)_2$	^{n}Bu	H	H	F	OH
XXXII-39-5	p-Br-Ph	H	H	CH_2Ph	^{n}Bu	H	H	F	OH
XXXII-39-6	p-Br-Ph	H	H	CH_2-indol-3-yl	^{n}Bu	H	H	F	OH
XXXII-39-7	p-Br-Ph	H	H	$CH_2CH_2SCH_3$	^{n}Bu	H	H	F	OH
XXXII-39-8	p-Br-Ph	*	H	*	^{n}Bu	H	H	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXXII-40.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXXII-40-1	p-I-Ph	H	H	H	^{n}Bu	H	H	F	OH
XXXII-40-2	p-I-Ph	H	H	CH_3	^{n}Bu	H	H	F	OH
XXXII-40-3	p-I-Ph	H	H	$CH(CH_3)_2$	^{n}Bu	H	H	F	OH
XXXII-40-4	p-I-Ph	H	H	$CH_2CH(CH_3)_2$	^{n}Bu	H	H	F	OH
XXXII-40-5	p-I-Ph	H	H	CH_2Ph	^{n}Bu	H	H	F	OH
XXXII-40-6	p-I-Ph	H	H	CH_2-indol-3-yl	^{n}Bu	H	H	F	OH
XXXII-40-7	p-I-Ph	H	H	$CH_2CH_2SCH_3$	^{n}Bu	H	H	F	OH
XXXII-40-8	p-I-Ph	*	H	*	^{n}Bu	H	H	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

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Table XXXII-41.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXXII-41-1	CH_3	H	H	H	Bz	H	H	F	OH
XXXII-41-2	CH_3	H	H	CH_3	Bz	H	H	F	OH
XXXII-41-3	CH_3	H	H	$CH(CH_3)_2$	Bz	H	H	F	OH
XXXII-41-4	CH_3	H	H	$CH_2CH(CH_3)_2$	Bz	H	H	F	OH
XXXII-41-5	CH_3	H	H	CH_2Ph	Bz	H	H	F	OH
XXXII-41-6	CH_3	H	H	CH_2-indol-3-yl	Bz	H	H	F	OH
XXXII-41-7	CH_3	H	H	$CH_2CH_2SCH_3$	Bz	H	H	F	OH
XXXII-41-8	CH_3	*	H	*	Bz	H	H	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXXII-42.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXXII-42-1	Et	H	H	H	Bz	H	H	F	OH
XXXII-42-2	Et	H	H	CH_3	Bz	H	H	F	OH
XXXII-42-3	Et	H	H	$CH(CH_3)_2$	Bz	H	H	F	OH
XXXII-42-4	Et	H	H	$CH_2CH(CH_3)_2$	Bz	H	H	F	OH
XXXII-42-5	Et	H	H	CH_2Ph	Bz	H	H	F	OH
XXXII-42-6	Et	H	H	CH_2-indol-3-yl	Bz	H	H	F	OH
XXXII-42-7	Et	H	H	$CH_2CH_2SCH_3$	Bz	H	H	F	OH
XXXII-42-8	Et	*	H	*	Bz	H	H	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXXII-43.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXXII-43-1	^{i}Pr	H	H	H	Bz	H	H	F	OH
XXXII-43-2	^{i}Pr	H	H	CH_3	Bz	H	H	F	OH
XXXII-43-3	^{i}Pr	H	H	$CH(CH_3)_2$	Bz	H	H	F	OH
XXXII-43-4	^{i}Pr	H	H	$CH_2CH(CH_3)_2$	Bz	H	H	F	OH
XXXII-43-5	^{i}Pr	H	H	CH_2Ph	Bz	H	H	F	OH
XXXII-43-6	^{i}Pr	H	H	CH_2-indol-3-yl	Bz	H	H	F	OH
XXXII-43-7	^{i}Pr	H	H	$CH_2CH_2SCH_3$	Bz	H	H	F	OH
XXXII-43-8	^{i}Pr	*	H	*	Bz	H	H	F	OH

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*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXXII-44.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXXII-44-1	^{t}Bu	H	H	H	Bz	H	H	F	OH
XXXII-44-2	^{t}Bu	H	H	CH_3	Bz	H	H	F	OH
XXXII-44-3	^{t}Bu	H	H	$CH(CH_3)_2$	Bz	H	H	F	OH
XXXII-44-4	^{t}Bu	H	H	$CH_2CH(CH_3)_2$	Bz	H	H	F	OH
XXXII-44-5	^{t}Bu	H	H	CH_2Ph	Bz	H	H	F	OH
XXXII-44-6	^{t}Bu	H	H	CH_2-indol-3-yl	Bz	H	H	F	OH
XXXII-44-7	^{t}Bu	H	H	$CH_2CH_2SCH_3$	Bz	H	H	F	OH
XXXII-44-8	^{t}Bu	*	H	*	Bz	H	H	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXXII-45.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXXII-45-1	Ph	H	H	H	Bz	H	H	F	OH
XXXII-45-2	Ph	H	H	CH_3	Bz	H	H	F	OH
XXXII-45-3	Ph	H	H	$CH(CH_3)_2$	Bz	H	H	F	OH
XXXII-45-4	Ph	H	H	$CH_2CH(CH_3)_2$	Bz	H	H	F	OH
XXXII-45-5	Ph	H	H	CH_2Ph	Bz	H	H	F	OH
XXXII-45-6	Ph	H	H	CH_2-indol-3-yl	Bz	H	H	F	OH
XXXII-45-7	Ph	H	H	$CH_2CH_2SCH_3$	Bz	H	H	F	OH
XXXII-45-8	Ph	*	H	*	Bz	H	H	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXXII-46.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXXII-46-1	p-Me-Ph	H	H	H	Bz	H	H	F	OH
XXXII-46-2	p-Me-Ph	H	H	CH_3	Bz	H	H	F	OH
XXXII-46-3	p-Me-Ph	H	H	$CH(CH_3)_2$	Bz	H	H	F	OH
XXXII-46-4	p-Me-Ph	H	H	$CH_2CH(CH_3)_2$	Bz	H	H	F	OH
XXXII-46-5	p-Me-Ph	H	H	CH_2Ph	Bz	H	H	F	OH
XXXII-46-6	p-Me-Ph	H	H	CH_2-indol-3-yl	Bz	H	H	F	OH
XXXII-46-7	p-Me-Ph	H	H	$CH_2CH_2SCH_3$	Bz	H	H	F	OH

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№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXXII-46-8	p-Me-Ph	*	H	*	Bz	H	H	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXXII-47.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXXII-47-1	p-F-Ph	H	H	H	Bz	H	H	F	OH
XXXII-47-2	p-F-Ph	H	H	CH_3	Bz	H	H	F	OH
XXXII-47-3	p-F-Ph	H	H	$CH(CH_3)_2$	Bz	H	H	F	OH
XXXII-47-4	p-F-Ph	H	H	$CH_2CH(CH_3)_2$	Bz	H	H	F	OH
XXXII-47-5	p-F-Ph	H	H	CH_2Ph	Bz	H	H	F	OH
XXXII-47-6	p-F-Ph	H	H	CH_2-indol-3-yl	Bz	H	H	F	OH
XXXII-47-7	p-F-Ph	H	H	$CH_2CH_2SCH_3$	Bz	H	H	F	OH
XXXII-47-8	p-F-Ph	*	H	*	Bz	H	H	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXXII-48.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXXII-48-1	p-Cl-Ph	H	H	H	Bz	H	H	F	OH
XXXII-48-2	p-Cl-Ph	H	H	CH_3	Bz	H	H	F	OH
XXXII-48-3	p-Cl-Ph	H	H	$CH(CH_3)_2$	Bz	H	H	F	OH
XXXII-48-4	p-Cl-Ph	H	H	$CH_2CH(CH_3)_2$	Bz	H	H	F	OH
XXXII-48-5	p-Cl-Ph	H	H	CH_2Ph	Bz	H	H	F	OH
XXXII-48-6	p-Cl-Ph	H	H	CH_2-indol-3-yl	Bz	H	H	F	OH
XXXII-48-7	p-Cl-Ph	H	H	$CH_2CH_2SCH_3$	Bz	H	H	F	OH
XXXII-48-8	p-Cl-Ph	*	H	*	Bz	H	H	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXXII-49.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXXII-49-1	p-Br-Ph	H	H	H	Bz	H	H	F	OH
XXXII-49-2	p-Br-Ph	H	H	CH_3	Bz	H	H	F	OH
XXXII-49-3	p-Br-Ph	H	H	$CH(CH_3)_2$	Bz	H	H	F	OH
XXXII-49-4	p-Br-Ph	H	H	$CH_2CH(CH_3)_2$	Bz	H	H	F	OH
XXXII-49-5	p-Br-Ph	H	H	CH_2Ph	Bz	H	H	F	OH

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№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXXII-49-6	p-Br-Ph	H	H	CH_2-indol-3-yl	Bz	H	H	F	OH
XXXII-49-7	p-Br-Ph	H	H	$CH_2CH_2SCH_3$	Bz	H	H	F	OH
XXXII-49-8	p-Br-Ph	*	H	*	Bz	H	H	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

Table XXXII-50.

№	R^1	R^2	R^{3a}	R^{3b}	R^4	R^5	R^6	X	Y
XXXII-50-1	p-I-Ph	H	H	H	Bz	H	H	F	OH
XXXII-50-2	p-I-Ph	H	H	CH_3	Bz	H	H	F	OH
XXXII-50-3	p-I-Ph	H	H	$CH(CH_3)_2$	Bz	H	H	F	OH
XXXII-50-4	p-I-Ph	H	H	$CH_2CH(CH_3)_2$	Bz	H	H	F	OH
XXXII-50-5	p-I-Ph	H	H	CH_2Ph	Bz	H	H	F	OH
XXXII-50-6	p-I-Ph	H	H	CH_2-indol-3-yl	Bz	H	H	F	OH
XXXII-50-7	p-I-Ph	H	H	$CH_2CH_2SCH_3$	Bz	H	H	F	OH
XXXII-50-8	p-I-Ph	*	H	*	Bz	H	H	F	OH

*R^2 and R^{3b} joined together by $(CH_2)_3$ to form five-membered ring.

DOSAGE, ADMINISTRATION, AND USE

A sixth embodiment of the present invention is directed to a composition for the treatment of any of the viral agents disclosed herein said composition comprising a pharmaceutically acceptable medium selected from among an excipient, carrier, diluent, and equivalent medium and a compound, that is intended to include its salts (acid or basic addition salts), hydrates, solvates, and crystalline forms can be obtained, represented by formula **I**.

It is contemplated that the formulation of the sixth embodiment can contain any of the compounds contemplated in any of the aspects of the first, second, third, fourth, and fifth embodiments or those specifically recited in the tables above or exemplified herein, either alone or in combination with another compound of the present invention.

The compounds of the present invention may be formulated in a wide variety of oral administration dosage forms and carriers. Oral administration can be in the form of tablets, coated tablets, hard and soft gelatin capsules, solutions, emulsions, syrups, or

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suspensions. Compounds of the present invention are efficacious when administered by suppository administration, among other routes of administration. The most convenient manner of administration is generally oral using a convenient daily dosing regimen which can be adjusted according to the severity of the disease and the patient's response to the antiviral medication.

A compound or compounds of the present invention, as well as their pharmaceutically acceptable salts, together with one or more conventional excipients, carriers, or diluents, may be placed into the form of pharmaceutical compositions and unit dosages. The pharmaceutical compositions and unit dosage forms may be comprised of conventional ingredients in conventional proportions, with or without additional active compounds and the unit dosage forms may contain any suitable effective amount of the active ingredient commensurate with the intended daily dosage range to be employed. The pharmaceutical compositions may be employed as solids, such as tablets or filled capsules, semisolids, powders, sustained release formulations, or liquids such as suspensions, emulsions, or filled capsules for oral use; or in the form of suppositories for rectal or vaginal administration. A typical preparation will contain from about 5% to about 95% active compound or compounds (w/w). The term "preparation" or "dosage form" is intended to include both solid and liquid formulations of the active compound and one skilled in the art will appreciate that an active ingredient can exist in different preparations depending on the desired dose and pharmacokinetic parameters.

The term "excipient" as used herein refers to a compound that is used to prepare a pharmaceutical composition, and is generally safe, non-toxic and neither biologically nor otherwise undesirable, and includes excipients that are acceptable for veterinary use as well as human pharmaceutical use. The compounds of this invention can be administered alone but will generally be administered in admixture with one or more suitable pharmaceutical excipients, diluents or carriers selected with regard to the intended route of administration and standard pharmaceutical practice.

A "pharmaceutically acceptable salt" form of an active ingredient may also initially confer a desirable pharmacokinetic property on the active ingredient which were

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absent in the non-salt form, and may even positively affect the pharmacodynamics of the active ingredient with respect to its therapeutic activity in the body. The phrase "pharmaceutically acceptable salt" of a compound as used herein means a salt that is pharmaceutically acceptable and that possesses the desired pharmacological activity of the parent compound. Such salts include: (1) acid addition salts, formed with inorganic acids such as hydrochloric acid, hydrobromic acid, sulfuric acid, nitric acid, phosphoric acid, and the like; or formed with organic acids such as glycolic acid, pyruvic acid, lactic acid, malonic acid, malic acid, maleic acid, fumaric acid, tartaric acid, citric acid, 3-(4-hydroxybenzoyl)benzoic acid, cinnamic acid, mandelic acid, methanesulfonic acid, ethanesulfonic acid, 1,2-ethane-disulfonic acid, 2-hydroxyethanesulfonic acid, benzenesulfonic acid, 4-chlorobenzenesulfonic acid, 2-naphthalenesulfonic acid, 4-toluenesulfonic acid, camphorsulfonic acid, lauryl sulfuric acid, gluconic acid, glutamic acid, salicylic acid, muconic acid, and the like or (2) basic addition salts formed with the conjugate bases of any of the inorganic acids listed above, wherein the conjugate bases comprise a cationic component selected from among Na^+, K^+, Mg^{2+}, Ca^{2+}, and $NH_gR'''_{4-g}{}^+$, in which R''' is a C_{1-3} alkyl and g is a number selected from among 0, 1, 2, 3, or 4. It should be understood that all references to pharmaceutically acceptable salts include solvent addition forms (solvates) or crystal forms (polymorphs) as defined herein, of the same acid addition salt.

Solid form preparations include powders, tablets, pills, capsules, suppositories, and dispersible granules. A solid carrier may be one or more substances which may also act as diluents, flavoring agents, solubilizers, lubricants, suspending agents, binders, preservatives, tablet disintegrating agents, or an encapsulating material. In powders, the carrier generally is a finely divided solid which is a mixture with the finely divided active component. In tablets, the active component generally is mixed with the carrier having the necessary binding capacity in suitable proportions and compacted in the shape and size desired. Suitable carriers include but are not limited to magnesium carbonate, magnesium stearate, talc, sugar, lactose, pectin, dextrin, starch, gelatin, tragacanth, methylcellulose, sodium carboxymethylcellulose, a low melting wax, cocoa butter, and the like. Solid form preparations may contain, in addition to the active component, colorants, flavors, stabilizers, buffers, artificial and natural sweeteners, dispersants,

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thickeners, solubilizing agents, and the like.

Liquid formulations also are suitable for oral administration include liquid formulation including emulsions, syrups, elixirs and aqueous suspensions. These include solid form preparations which are intended to be converted to liquid form preparations shortly before use. Emulsions may be prepared in solutions, for example, in aqueous propylene glycol solutions or may contain emulsifying agents such as lecithin, sorbitan monooleate, or acacia. Aqueous suspensions can be prepared by dispersing the finely divided active component in water with viscous material, such as natural or synthetic gums, resins, methylcellulose, sodium carboxymethylcellulose, and other well known suspending agents.

The compounds of the present invention may be formulated for administration as suppositories. A low melting wax, such as a mixture of fatty acid glycerides or cocoa butter is first melted and the active component is dispersed homogeneously, for example, by stirring. The molten homogeneous mixture is then poured into convenient sized molds, allowed to cool, and to solidify.

The compounds of the present invention may be formulated for vaginal administration. Pessaries, tampons, creams, gels, pastes, foams or sprays containing in addition to the active ingredient such carriers as are known in the art to be appropriate.

Suitable formulations along with pharmaceutical carriers, diluents and expcipients are described in *Remington: The Science and Practice of Pharmacy* **1995,** edited by E. W. Martin, Mack Publishing Company, 19th edition, Easton, Pennsylvania, which is hereby incorporated by reference. The compounds of the present invention can also be encapsulated in liposomes, such as those disclosed in U.S. Patent Nos. 6,180,134, 5,192,549, 5,376,380, 6,060,080, 6,132,763, each of which is incorporated by reference. A skilled formulation scientist may modify the formulations within the teachings of the specification to provide numerous formulations for a particular route of administration without rendering the compositions of the present invention unstable or compromising their therapeutic activity.

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The modification of the present compounds to render them more soluble in water or other vehicle, for example, may be easily accomplished by minor modifications (e.g., salt formulation), which are well within the ordinary skill in the art. It is also well within the ordinary skill of the art to modify the route of administration and dosage regimen of a particular compound in order to manage the pharmacokinetics of the present compounds for maximum beneficial effect in patients.

A seventh embodiment of the present invention is directed to a use of the compound represented by formula **I** in the manufacture of a medicament for the treatment of any condition the result of an infection by any one of the following viral agents: hepatitis C virus, West Nile virus, yellow fever virus, dengue virus, rhinovirus, polio virus, hepatitis A virus, bovine viral diarrhea virus and Japanese encephalitis virus.

The term "medicament" means a substance used in a method of treatment and/or prophylaxis of a subject in need thereof, wherein the substance includes, but is not limited to, a composition, a formulation, a dosage form, and the like, comprising the compound of formula **I**. It is contemplated that the compound of the use of the compound represented by formula **I** in the manufacture of a medicament for the treatment of any of the antiviral conditions disclosed herein of the seventh embodiment can be any of the compounds contemplated in any of the aspects of the first, second, third, fourth, fifth embodiments or those specifically recited in the tables above or exemplified herein, either alone or in combination with another compound of the present invention. A medicament includes, but is not limited to, any one of the compositions contemplated by the sixth embodiment of the present invention.

A eighth embodiment of the present invention is directed to a method of treatment and/or prophylaxis in a subject in need thereof said method comprises administering a therapeutically effective amount of the compound represented by formula I to the subject.

A first aspect of the eighth embodiment is directed to a method of treatment and/or prophylaxis in a subject in need thereof said method comprises administering a therapeutically effective of at least two or more different compounds falling within the scope of the compound represented by formula I to the subject.

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A second aspect of the eighth embodiment is directed to a method of treatment and/or prophylaxis in a subject in need thereof said method comprises alternatively or concurrently administering a therapeutically effective of at least two compounds falling within the scope of the compound represented by formula I to the subject.

It is intended that a subject in need thereof is one that has any condition the result of an infection by any of the viral agents disclosed herein, which includes, but is not limited to, hepatitis C virus, West Nile virus, yellow fever virus, dengue virus, rhinovirus, polio virus, hepatitis A virus, bovine viral diarrhea virus or Japanese encephalitis virus, flaviviridae viruses or pestiviruses or hepaciviruses or a viral agent causing symptoms equivalent or comparable to any of the above-listed viruses.

The term "subject" means a mammal, which includes, but is not limited to, cattle, pigs, sheep, chicken, turkey, buffalo, llama, ostrich, dogs, cats, and humans, preferably the subject is a human. It is contemplated that in the method of treating a subject thereof of the sixth embodiment can be any of the compounds contemplated in any of the aspects of the first, second, and third embodiments or those specifically recited in the tables above, either alone or in combination with another compound of the present invention.

The term "therapeutically effective amount" as used herein means an amount required to reduce symptoms of the disease in an individual. The dose will be adjusted to the individual requirements in each particular case. That dosage can vary within wide limits depending upon numerous factors such as the severity of the disease to be treated, the age and general health condition of the patient, other medicaments with which the patient is being treated, the route and form of administration and the preferences and experience of the medical practitioner involved. For oral administration, a daily dosage of between about 0.1 and about 10 g, including all values in between, such as 0.25, 0.5, 0.75, 1, 1.5, 2, 2.5, 3, 3.5, 4, 4.5, 5, 5.5, 6, 6.5, 7, 7.5, 8, 8.5, 9, and 9.5, per day should be appropriate in monotherapy and/or in combination therapy. A preferred daily dosage is between about 0.5 and about 7.5 g per day, more preferred 1.5 and about 6.0 g per day. Generally, treatment is initiated with a large initial "loading dose" to rapidly reduce or eliminate the virus following by a decreasing the dose to a level sufficient to prevent

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resurgence of the infection. One of ordinary skill in treating diseases described herein will be able, without undue experimentation and in reliance on personal knowledge, experience and the disclosures of this application, to ascertain a therapeutically effective amount of the compounds of the present invention for a given disease and patient.

Therapeutic efficacy can be ascertained from tests of liver function including, but not limited to protein levels such as serum proteins (e.g., albumin, clotting factors, alkaline phosphatase, aminotransferases (e.g., alanine transaminase, aspartate transaminase), 5'-nucleosidase, γ-glutaminyltranspeptidase, etc.), synthesis of bilirubin, synthesis of cholesterol, and synthesis of bile acids; a liver metabolic function, including, but not limited to, carbohydrate metabolism, amino acid and ammonia metabolism. Alternatively the therapeutic effectiveness may be monitored by measuring HCV-RNA. The results of these tests will allow the dose to be optimized.

A third aspect of the eighth embodiment, is directed to a method of treatment and/or prophylaxis in a subject in need thereof said method comprises administering to the subject a therapeutically effective of a compound represented by formula **I** and a therapeutically effective amount of another antiviral agent; wherein the administration is concurrent or alternative. It is understood that the time between alternative administration can range between 1-24 hours, which includes any sub-range in between including, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, and 23 hours. Examples of "another antiviral agents" include, but are not limited to: HCV NS3 protease inhibitors (see WO 2008010921, WO 2008010921, EP 1881001, WO 2007015824, WO 2007014925, WO 2007014926, WO 2007014921, WO 2007014920, WO 2007014922, US 2005267018, WO 2005095403, WO 2005037214, WO 2004094452, US 2003187018, WO 200364456, WO 2005028502, and WO 2003006490); HCV NS5B Inhibitors (see US 2007275947, US20072759300, WO2007095269, WO 2007092000, WO 2007076034, WO 200702602, US 2005-98125, WO 2006093801, US 2006166964, WO 2006065590, WO 2006065335, US 2006040927, US 2006040890, WO 2006020082, WO 2006012078, WO 2005123087, US 2005154056, US 2004229840, WO 2004065367, WO 2004003138, WO 2004002977, WO 2004002944, WO 2004002940, WO 2004000858, WO 2003105770,

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WO 2003010141, WO 2002057425, WO 2002057287, WO 2005021568, WO 2004041201, US 20060293306, US 20060194749, US 20060241064, US 6784166, WO 2007088148, WO 2007039142, WO 2005103045, WO 2007039145, WO 2004096210, and WO 2003037895); HCV NS4 Inhibitors (see WO 2007070556 and WO 2005067900); HCV NS5a Inhibitors (see US 2006276511, WO 2006120252, WO 2006120251, WO 2006100310, WO 2006035061); Toll-like receptor agonists (seeWO 2007093901); and other inhibitors (see WO 2004035571, WO 2004014852, WO 2004014313, WO 2004009020, WO 2003101993, WO 2000006529).

A fourth aspect of the eighth embodiment, is directed to a method of treatment in a subject in need thereof said method comprises alternatively or concurrently administering a therapeutically effective of a compound represented by formula **I** and another antiviral agent to the subject. It is understood that the time between alternative administration can range between 1-24 hours, which includes any sub-range in between including, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, and 23 hours.

A fifth aspect of the eighth embodiment, is directed to a method of treatment and/or prophylaxis in a subject in need thereof said method comprises administering to the subject a therapeutically effective of at least one compound represented by formula **I** and a therapeutically effective amount of another antiviral agent; wherein the administration is concurrent or alternative. It is understood that the time between alternative administration can range between 1-24 hours, which includes any sub-range in between including, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, and 23 hours.

A sixth aspect of the eighth embodiment, is directed to a method of treatment in a subject in need thereof said method comprises alternatively or concurrently administering a therapeutically effective of at least one compound represented by formula **I** and another antiviral agent to the subject. It is understood that the time between alternative administration can range between 1-24 hours, which includes any sub-range in between

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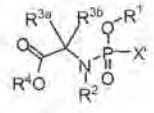
including, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, and 23 hours.

It is contemplated that the another antiviral agent includes, but is not limited to interferon -α , interferon-β, pegylated interferon-α, ribavirin, levovirin, viramidine, another nucleoside HCV polymerase inhibitor, a HCV non-nucleoside polymerase inhibitor, a HCV protease inhibitor, a HCV helicase inhibitor or a HCV fusion inhibitor. When the active compound or its derivative or salt are administered in combination with another antiviral agent the activity may be increased over the parent compound. When the treatment is combination therapy, such administration may be concurrent or sequential with respect to that of the nucleoside derivatives. "Concurrent administration" as used herein thus includes administration of the agents at the same time or at different times. Administration of two or more agents at the same time can be achieved by a single formulation containing two or more active ingredients or by substantially simultaneous administration of two or more dosage forms with a single active agent.

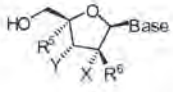
It will be understood that references herein to treatment extend to prophylaxis as well as to the treatment of existing conditions. Furthermore, the term "treatment" of a HCV infection, as used herein, also includes treatment or prophylaxis of a disease or a condition associated with or mediated by HCV infection, or the clinical symptoms thereof.

PROCESS FOR PREPARATION

An ninth embodiment of the present invention is directed to a process for preparing the compound of formula I, which comprises reacting a suitably substituted phosphochloridate compound **4** with a nucleoside analog **5**



4



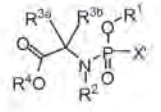
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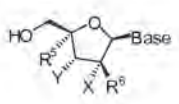
wherein the substituents R^1, R^2, R^{3a}, R^{3b}, R^4, R^5, X, Y, R^6, and base have their meanings as disclosed in the Detailed Description of the Invention and X' is a leaving group, such as Cl, Br, I, tosylate, mesylate, trifluoroacetate, trifluorosulfonate, pentafluorophenoxide, p-NO_2-phenoxide, or other commonly used leaving groups as disclosed in *Advanced Organic Chemistry* by March, Fourth Edition. Leaving groups and methods that can be used to effect the formation of a phosphoramidate nucleoside conjugate are found in US 20060142238 and WO 2007095269. Preferably, the leaving group is Cl.

This reaction is performed in an anhydrous aprotic solvent such tetrahydrofuran, dioxane, or both tetrahydrofuran and dioxane, or any functional equivalent thereof, with tetrahydrofuran being the preferred solvent. The reaction is typically initiated at a temperature range from -78°C to 40°C with the preferred reaction temperature being between 0°C and room temperature. The nucleoside is first stirred with a base (5 to 12 equivalents) such as N-methylimidazole, collidine, pyridine, 2,6-lutidine, 2, 6-^{t}Bu-pyridine, etc. a tertiary amine base, such as triethylamine, diisopropylethylamine, etc., or an alkyl Grignard reagent, such as tBuMgCl, tBuMgBr, MeMgCl, MeMgBr, etc. The phosphorochloridate (3-10 equivalents) is dissolved in the reaction solvent and added to the mixture of the nucleoside and base. The reaction is then allowed to stir over a period of time at a temperature between room temperature and 40°C for a period of 30 min to 24 hr. with the preferred reaction temperature being room temperature and time being 24 hr. The solvent is removed from the reaction mixture and the product is purified by chromatography on silica gel.

A tenth embodiment of the present invention is directed to a product obtained by a process which comprises reacting a suitably substituted phosphochloridate compound **4** with a nucleoside analog **5**



4



5

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wherein the substituents R^1, R^2, R^{3a}, R^{3b}, R^4, R^5, X, Y, R^6, X', and base have their meanings as disclosed in the Detailed Description of the Invention.

This reaction can be performed in an anhydrous aprotic solvent or other suitable solvent, such as tetrahydrofuran, dioxane, or a mixture of tetrahydrofuran and dioxane, with tetrahydrofuran being the preferred solvent. The reaction is typically initiated at a temperature range from -78°C to 40°C with the preferred reaction temperature being between 0°C and room temperature. The nucleoside is first stirred with a base (5 to 12 equivalents) such as N-methylimidazole, a tertiary amine base or tButyl Magnesium Chloride. A phosphorochloridate (3-10 equivalents (or suitable "phosphoro-(leaving group)-date")) is dissolved in the reaction solvent and added to the mixture of the nucleoside and base. The reaction is then allowed to stir over a period of time at a temperature between room temperature and 40°C for a period of 30 min to 24 hr. with the preferred reaction temperature being room temperature and time being 24 hr. The solvent is removed from the reaction mixture and the product is purified by chromatography on silica gel.

Compounds and Preparation

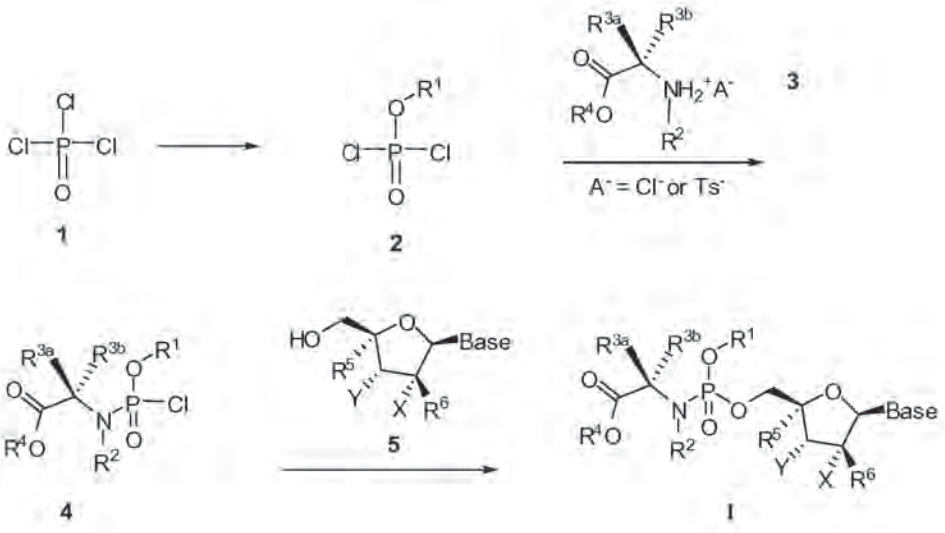
Phosphoramidate compounds of the present invention can be prepared by condensation of a nucleoside analog **5** with a suitably substituted phosphochloridate compound **4** (Scheme 1). The nucleoside analog is made by conventional procedures disclosed in any one of U.S. Published Application Nos. 2005/0009737, 2006/0199783, 2006/0122146, and 2007/0197463, each of which is incorporated by reference in its entirety.

Disclosed 1H-NMR values were recorded on a Varian AS-400 instrument. Mass spectral data were obtain using either a Micromass-Quattromicro API or a Waters Acquity.

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Thus, by way of example only, a suitably substituted phenol can be reacted with phosphorus oxychloride (**1**) to afford an aryloxy phosphorodichloridate **2** (see Example 1) which is subsequently treated with a acid addition salt of an α-amino acid ester in the presence of TEA to afford an aryloxy phosphorochloridate **4**. This arylalkoxy-amino acid phosphoramidate is reacted with the nucleoside analog to provide the product **I** (for procedure see, e.g., C. McGuigan et al. Antiviral Res. 1992 17:311-321; D. Curley et al. Antiviral Res. 1990 14:345-356; McGuigan et al. Antiviral Chem. Chemother 1990 1(2):107-113).

Scheme 1



The preparation of nucleoside phosphoramidates requires reacting an appropriately substituted phosphochloridate with a nucleoside containing a free 5'-hydroxyl moiety. In cases where only one hydroxyl group is present, preparation of the phosphoramidate usually proceeds smoothly when the phosphochloridate is reacted with

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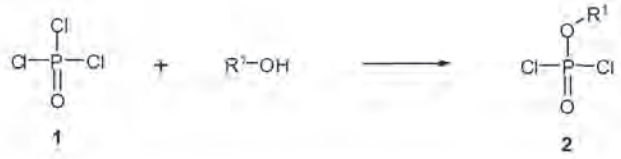
the desired nucleoside. In cases where the nucleoside contains more than one free hydroxyl group, preparation of the appropriately protected nucleoside might be required. Silyl, acetonide or other alcohol protecting groups known in the art might be warranted for protection of the sugar moiety. For protection of the nucleoside base, protecting a free amino group may require amidine protection strategy.

Condensation of the phosphochloridate can be carried out on the unprotected nucleoside. Since the 5'-OH group of a nucleoside is much less hindered than the 3'-OH group, selective phosphoramidation is possible under carefully controlled conditions. After condensation to form a protected phosphoramidate nucleoside, deprotection to obtain the free phosphoramidate nucleoside can be carried out using standard protocols for nucleic acid chemistry. In many cases, the desired product is readily separated from the starting material using column chromatography on silica gel. The synthetic scheme is summarized in Scheme 1.

A further understanding of the disclosed embodiments will be appreciated by consideration of the following examples, which are only meant to be illustrative, and not limit the disclosed invention.

EXAMPLE 1

General Procedure for Preparation of phosphorodichloridates



1 2

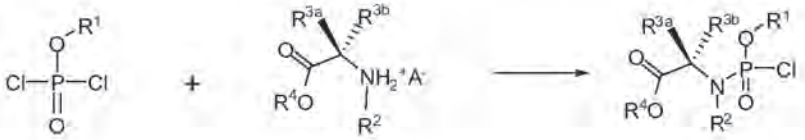
A solution of the appropriate phenol **R^1-OH** (1eq) and triethylamine (1 eq.) in anhydrous ether was added dropwise to a stirred solution of phosphoryl trichloride **1** (1eq) at 0 °C over a period of 3 hours under nitrogen. Then the temperature was warmed to room temperature, and the reaction was stirred overnight. The triethylamine salt was

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quickly removed with suction filtration and the filtrate concentrated *in vacuo* to dryness to afford **2** as an oil which was used without further purification.

EXAMPLE 2

General Procedure for Preparation of phosphorochloridates

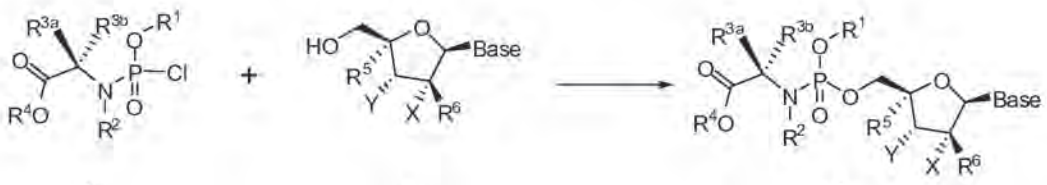


2 3 4

A solution of triethylamine (2eq) in anhydrous dichloromethane was added dropwise to a solution of aryloxy-phosphodichloridate **2** (1 eq) and the appropriate amino ester **3** (1 eq) in anhydrous dichloromethane with vigorous stirring at -78 °C over a period of 30 to 120 minutes. Then the reaction temperature was allowed to warm to room temperature and stirred over night. Solvent was removed. The residue was washed with ethyl ether and filtered, the filtrate was dried over reduced pressure to give **4**.

EXAMPLE 3

General Procedures for nucleoside phosphoramidate derivatives



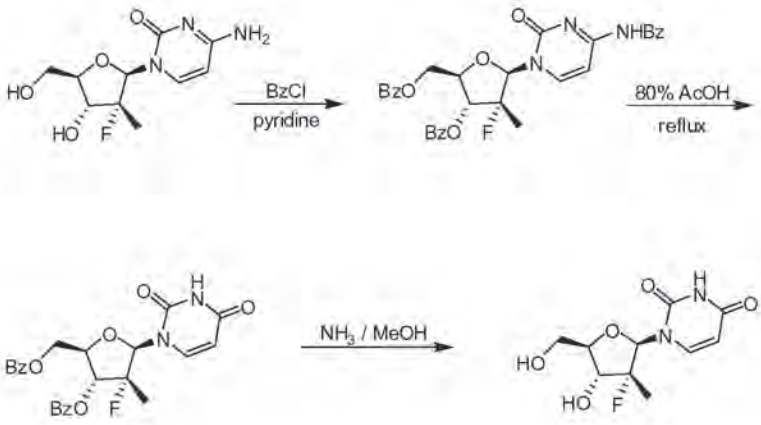
4 5 I

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A solution of the appropriate phosphorochloridate **4** (6.5 equivalents) in anhydrous tetrahydrofuran (THF) was added to a mixture of nucleoside **5** (1 equivalent) and N-methylimidazole (8 equivalents) in anhydrous THF with vigorous stirring at room temperature and the reaction mixture was stirred overnight. The solvent was removed *in vacuo* and the crude was purified by column chromatography and/or preparative thin layer chromatography to give **I**.

EXAMPLE 4

Preparation of 2'-deoxy-2'-fluoro-2'-*C*-methyluridine



2'-Deoxy-2'-fluoro-2'-*C*-methylcytidine (1.0g, 1 eq) (Clark, J., et al., J. Med. Chem., 2005, 48, 5504-5508) was dissolved in 10 ml of anhydrous pyridine and concentrated to dryness in vacuo. The resulting syrup was dissolved in 20 ml of anhydrous pyridine under nitrogen and cooled to 0°C with stirring. The brown solution was treated with benzoyl chloride (1.63g, 3eq) dropwise over 10 min. The ice bath was removed and stirring continued for 1.5h whereby thin-layer chromatography (TLC) showed no remaining starting material. The mixture was quenched by addition of water

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(0.5 ml) and concentrated to dryness. The residue was dissolved in 50 mL of dichloromethane (DCM) and washed with saturated $NaHCO_3$ aqueous solution and H_2O. The organic phase was dried over $NaSO_4$ and filtered, concentrated to dryness to give N^4,3',5'-tribenzoyl-2'-Deoxy-2'-fluoro-2'-*C*-methylcytidine (2.0 g, Yield: 91%).

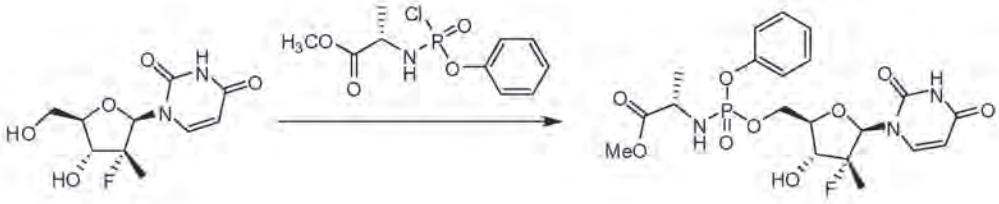
N^4,3',5'-tribenzoyl-2'-Deoxy-2'-fluoro-2'-*C*-methylcytidine (2.0g, 1 eq) was refluxed in 80% aqueous AcOH overnight. After cooling and standing at room temperature (15 °C), most of the product precipitated and then was filtered through a sintered funnel. White precipitate was washed with water and co-evaporated with toluene to give a white solid. The filtrate was concentrated and co-evaporated with toluene to give additional product which was washed with water to give a white solid. Combining the two batches of white solid gave 1.50g of 3',5'-dibenzoyl-2'-Deoxy-2'-fluoro-2'-*C*-methyluridine (Yield: 91%).

To a solution of 3',5'-dibenzoyl-2'-Deoxy-2'-fluoro-2'-*C*-methyluridine (1.5 g, 1eq) in MeOH (10 mL) was added a solution of saturated ammonia in MeOH (20mL). The reaction mixture was stirred at 0 °C for 30 min, and then warmed to room temperature slowly. After the reaction mixture was stirred for another 18 hours, the reaction mixture was evaporated under reduced pressure to give the residue, which was purified by column chromatography to afford pure compound 2'-deoxy-2'-fluoro-2'-*C*-methyluridine (500 mg, Yield: 60 %).

EXAMPLE 5

Preparation of 2'-Deoxy-2'-fluoro-2'-*C*-methyluridine 5'-(phenyl methoxy-alanyl phosphate)

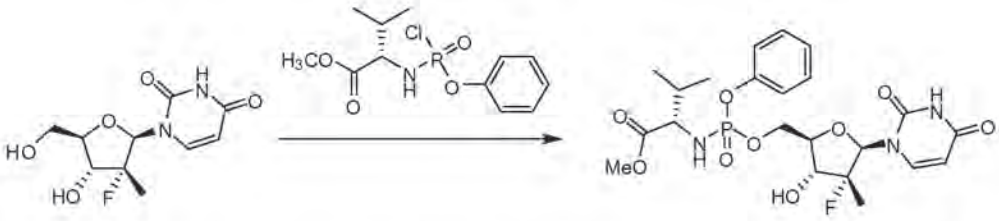
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Phenyl methoxyalaninyl phosphorochloridate (1 g, 6.5 eq) dissolved in 3 mL of THF was added to a mixture of 2'-Deoxy-2'-fluoro-2'-*C*-methyluridine (0.15 g,1 eq) and N-methylimidazole (0.3 g, 8 eq) in 3 mL THF with vigorous stirring at room temperature, then the reaction was stirred overnight. Solvent was removed by reduced pressure. The resulting crude product was dissolved in methanol purified by prep-HPLC on a YMC 25x30X2 mm column using a water / acetonitrile gradient elution mobile phase. The acetonitrile and water were removed under reduced pressure to give the desired product (50.1 mg, 15.6%). ^{1}H NMR (DMSO-d_6) δ 1.20-1.27 (m, 6H), 3.58 (d, J = 16.0 Hz, 3H), 3.75-3.92 (m, 2H), 4.015-4.379 (m, 2H), 5.54 (t, J = 10.2 Hz, 1H), 5.83-5.91 (m, 1H), 6.00-6.16 (m, 1H), 7.18 (d, J = 8.0 Hz, 2H), 7.22 (s, 1H), 7.35 (t, J = 4.4 Hz, 2H), 7.55 (s, 1H), 11.52 (s, 1H); MS, *m/e* 502 (M+1)$^+$.

EXAMPLE 6

Preparation of 2'-Deoxy-2'-fluoro-2'-*C*-methyluridine 5'-(phenyl methoxy-valyl phosphate)



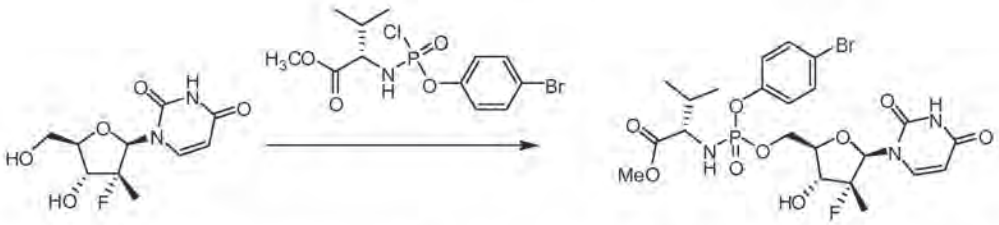
Phenyl methoxy-valyl phosphorochloridate (0.6 g, 3.6 eq) dissolved in 3 mL of THF was added to a mixture of 2'-Deoxy-2'-fluoro-2'-*C*-methyluridine (0.15 g,1 eq) and N-methylimidazole (0.44 g, 9 eq) in 3 mL THF with vigorous stirring at room temperature, then the reaction was stirred overnight. Solvent was removed by reduced

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pressure. The resulting crude product was dissolved in methanol purified by prep-HPLC on a YMC 25x30X2 mm column using a water / acetonitrile gradient elution mobile phase. The acetonitrile and water were removed under reduced pressure to give the desired product (60 mg, 20%). ^{1}H NMR (DMSO-d_6) δ 0.74-0.847 (m, 6H), 1.20-1.28 (m, 3H), 1.89-1.92 (m, 1H), 3.50-3.54 (m, 1H), 3.58 (d, J = 10.4Hz, 3H), 3.72-3.95 (m, 1H), 4.03-4.05 (m, 1H), 4.23-4.43 (m, 2H), 5.56 (t, J = 16.0 Hz, 1H), 5.85-5.92 (m, 1H), 6.01-6.07 (m, 1H), 7.16-7.21 (m, 3H), 7.37 (t, J = 8 Hz, 2H), 7.55-7.60 (m, 1H), 11.52 (s, 1H); MS, *m/e* 530 $(M+1)^+$.

EXAMPLE 7

Preparation of 2'-Deoxy-2'-fluoro-2'-*C*-methyluridine 5'-(4-bromophenyl methoxy-valyl phosphate)



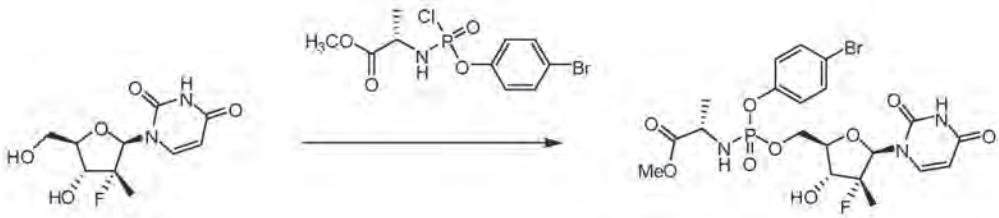
4-Bromophenyl methoxy-valyl phosphorochloridate (1 g, 3.4 eq) dissolved in 3 mL of THF was added to a mixture of 2'-deoxy-2'-fluoro-2'-*C*-methyluridine (0.2 g,1 eq) and N-methylimidazole (0.35 g, 6 eq) in 3 mL THF with vigorous stirring at room temperature, then the reaction was stirred overnight. Solvent was removed by reduced pressure. The resulting crude product was dissolved in methanol purified by prep-HPLC on a YMC 25x30X2 mm column using a water / acetonitrile gradient elution mobile phase. The acetonitrile and water were removed reduced pressure to give the desired product (120 mg, 26%). ^{1}H NMR (DMSO-d_6) δ 0.72-0.82 (m, 6H), 1.19-1.26 (m, 3H),

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1.86-1.92 (m, 1H), 3.48-3.50 (m, 1H), 3.56 (d, J = 12.0 Hz, 3H), 3.72-3.89 (m, 1H), 3.96-4.03 (m, 1H), 4.22-4.37 (m, 2H), 5.54-5.60 (m, 1H), 5.85-5.91 (m, 1H), 5.98-6.13 (m, 1H), 7.15 (d, J = 8.0 Hz, 2H), 7.49-7.56 (m, 3H), 11.53 (s, 1H); MS, *m/e* 608 $(M+1)^+$.

EXAMPLE 8

Preparation of 2'-Deoxy-2'-fluoro-2'-*C*-methyluridine 5'-(4-bromophenyl methoxy-alanyl phosphate)

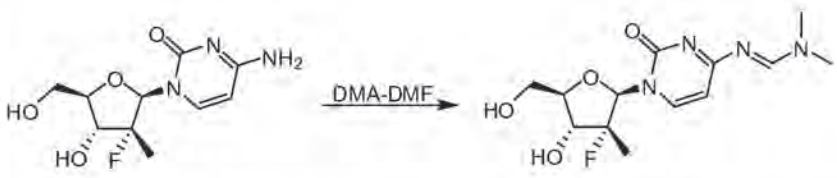


4-Bromophenyl methoxy-alanyl phosphorochloridate (0.6 g, 5 eq) dissolved in 3 mL of THF was added to a mixture of 2'-deoxy-2'-fluoro-2'-*C*-methyluridine (0.15 g,1 eq)and N-methylimidazole (0.3 g, 7.8 eq) in 3 mL THF with vigorous stirring at room temperature, then the reaction was stirred overnight. Solvent was removed by reduced pressure. The resulting crude product was dissolved in methanol purified by prep-HPLC on a YMC 25x30X2 mm column using a water / acetonitrile gradient elution mobile phase. The acetonitrile and water were removed under reduced pressure to give the desired product (40 mg, 12 %); ^{1}H NMR (DMSO-d_6) δ 1.20-1.26 (m, 6H), 3.57 (d, J = 2.8 Hz, 3H), 3.84 (s, 1H), 3.97-4.03 (m, 1H), 4.21-4.25 (m, 1H), 4.33-4.37 (m, 2H), 5.54-5.60 (m, 1H), 5.83-5.89 (m, 1H), 5.98-6.19 (m, 1H), 7.16 (t, J = 10.2 Hz, 2H), 7.52-7.57 (m, 3H), 11.52 (s, 1 H); MS, *m/e* 580$(M+1)^+$.

EXAMPLE 9

Preparation of N^4-(*N*,*N*-dimethylformamidinyl)-2'-deoxy-2'-fluoro-2'-*C*-methylcytidine

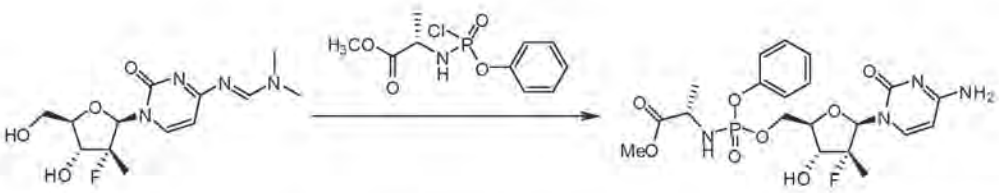
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2'-Deoxy-2'-fluoro-2'-*C*-methylcytidine (500 mg, 1.9 mmol) was stirred with dimethylformamide dimethyl acetal in DMF (10 mL). The resulting mixture was stirred at room temperature overnight. After solvent removal the crude product was used for next step without further purification.

EXAMPLE 10

Preparation of 2'-Deoxy-2'-fluoro-2'-*C*-methylcytidine 5'-(phenyl methoxy-alanyl phosphate)

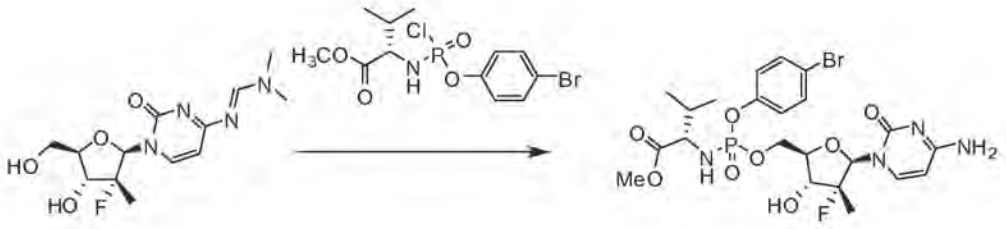


Phenyl methoxyalaninyl phosphorochloridate (0.6 g, 6 eq) dissolved in 3 mL of THF was added to a mixture of N^4-(*N,N*-dimethylformamidinyl)-2'-deoxy-2'-fluoro-2'-*C*-methylcytidine (0.15 g,1 eq) and N-methylimidazole (0.3 g, 7.8 eq) in 3 mL THF with vigorous stirring at room temperature, then the reaction was stirred overnight. Solvent was removed by reduced pressure. The resulting crude product was dissolved in methanol purified by prep-HPLC on a YMC 25x30X2 mm column using a water / acetonitrile gradient elution mobile phase. The acetonitrile and water were removed under reduced pressure to give the desired product (62 mg, 20.6%). ^{1}H NMR (DMSO-d_6) δ 1.16 (d, J = 23.2 Hz, 3H), 1.22 (d, J = 7.2 Hz, 3H), 3.56 (S, 3H), 3.69-3.75 (d, J = 25.6 Hz, 1H), 3.82-3.86 (m, 1H), 3.96-3.98 (m, 1H), 4.21-4.34 (m, 2H), 5.68 (d, J = 7.2 Hz, 1H), 5.75-5.77 (m, 1H), 6.07-6.16 (m, 1H), 7.15-7.19 (m, 3H), 7.2 (d, J = 9.2 Hz, 2H), 7.39 (t, J = 7.8 Hz, 2H), 7.48 (d, J = 9.2 Hz, 1H); MS, *m/e* 501(M+1)$^+$.

EXAMPLE 11

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Preparation of 2'-Deoxy-2'-fluoro-2'-*C*-methylcytidine 5'-(4-bromophenyl methoxy-valyl phosphate)

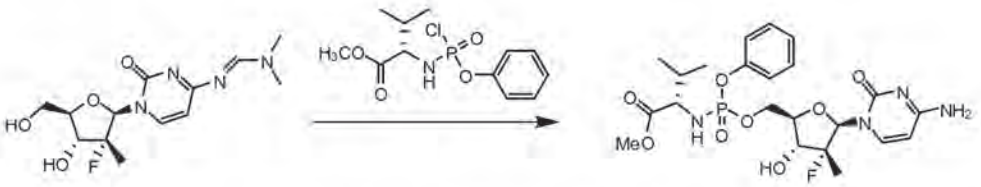


4-Bromophenyl methoxy-valyl phosphorochloridate (1.0 g, 3.4 eq.) dissolved in 3 mL of THF was added to a mixture of N^4-(*N,N*-dimethylformamidinyl)-2'-deoxy-2'-fluoro-2'-*C*-methylcytidine (0.2 g,1 eq.) and N-methylimidazole (0.35 g, 6 eq.) in 3 mL THF with vigorous stirring at room temperature, then the reaction was stirred overnight. Solvent was removed by reduced pressure. The resulting crude product was dissolved in methanol purified by prep-HPLC on a YMC 25x30X2 mm column using a water / acetonitrile gradient elution mobile phase. The acetonitrile and water were removed under reduced pressure to give the desired product as a white solid (59 mg, 13%); ^{1}H NMR (DMSO-d_6) δ 0.74-0.83 (m, 6H), 1.12-1.20 (m, 3H), 1.89-1.92 (m, 1H), 3.49-3.51 (m, 1H), 3.55 (s, 3H), 3.59-3.68 (m, 1H), 3.72-.383 (m, 1H), 4.21-4.39 (m, 2H), 5.70-5.72 (m, 1H), 5.76-5.83 (m, 1H), 6.04-6.16 (m, 1H), 7.15 (d, J = 13.0 Hz, 2H), 7.26 (s, 1H), 7.33 (s, 1H), 7.46-7.55 (m, 1H), 7.56 (d, J = 4.4 Hz, 2H) ; MS, *m/e* 607 $(M+1)^+$.

EXAMPLE 12

Preparation of 2'-deoxy-2'-fluoro-2'-*C*-methylcytidine 5'-(phenyl methoxy-valyl phosphate)

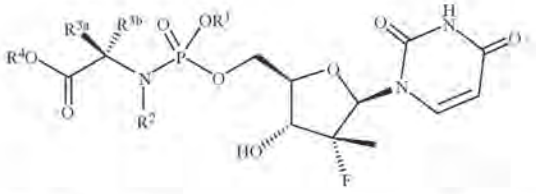
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Phenyl methoxy-valyl phosphorochloridate (0.6 g, 6 eq) dissolved in 3 mL of THF was added to a mixture of N^4-(*N,N*-dimethylformamidinyl)-2'-deoxy-2'-fluoro-2'-*C*-methylcytidine (0.15 g,1 eq) and N-methylimidazole (0.3 g, 7.8 eq) in 3 mL THF with vigorous stirring at room temperature, then the reaction was stirred overnight. Solvent was removed by reduced pressure The resulting crude product was dissolved in methanol purified by prep-HPLC on a YMC 25x30X2 mm column using a water / acetonitrile gradient elution mobile phase. The acetonitrile and water were removed under reduced pressure to give the desired product as a white solid (86 mg, 42.9 %). ^{1}H NMR (DMSO-d_6) δ 0.72-0.80 (m, 6H), 1.09-1.18 (m, 3H), 1.87-1.92 (m, 1H), 3.47-3.51 (m, 1H), 3.58 (s, 3H), 3.71-3.75 (m, 1H), 3.97 (t, J = 11.2 Hz,1H), 4.22-4.37 (m, 2H), 5.70 (d, J = 8.0 Hz,1H), 5.76-5.84 (m, 1H), 6.01-6.15 (m, 1H), 7.13-7.18 (m, 3H), 7.27 (s, 2H), 7.34 (d, J = 4.0 Hz, 2H), 7.46-7.50 (m, 1H); MS, *m/e* 529 $(M+1)^+$.

EXAMPLES

Example numbers **13-54** and **56-66** are prepared using similar procedures described for examples **5-8.** The example number, compound identification, and NMR/MS details are shown below:



Ex.	R^1	R^2	R^{3a}	R^{3b}	R^4	NMR/MS

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Ex.	R^1	R^2	R^{3a}	R^{3b}	R^4	NMR/MS
13	Ph	H	H	Me	Et	1H NMR (DMSO-d_6) δ 1.12-1.16 (m, 3H), 1.20-1.28(m,6H), 3.70-3.90 (m, 2H), 4.00-4.08 (m, 3H), 4.18-4.45 (m, 2H), 5.52-5.58 (m, 1H), 5.85-5.98 (m, 1H), 6.00-6.20 (m, 2H), 7.16-7.23 (m, 3H), 7.37-7.40 (m, 2H) , 7.54-7.60 (m, 1H), 11.54 (s.1H) ; MS, m/e 516.1 (M+1)+
14	1-Napth	H	H	Me	Bn	1H NMR (DMSO-d_6) δ 1.18-1.30 (m, 6H), 3.78-4.10 (m, 3H), 4.38-4.49 (m, 2H), 4.99-5.11 (m, 2H), 5.28-5.40 (m, 1H), 5.85-6.10 (m, 2H), 6.30-6.41 (m, 1H), 7.28-7.32 (m, 5H), 7.41-7.60 (m, 5H), 7.73-7.76(m, 1H) , 7.94-8.11(m, 1H) , 8.13-8.15(m, 1H) , 11.50 (s.1H) ; MS, m/e 628.4 (M+1)+
15	Ph	H	H	H	Me	1H NMR (DMSO-d_6) δ 1.22 (d, J=22.4 Hz, 3H), 3.59(s, 3H), 3.63-3.69 (m, 2H), 3.74-3.8(m, 1H), 4.02(d, J=11.2 Hz, 1H), 4.23-4.28(m, 1H), 4.40-4.43 (m, 1H), 5.57-5.60 (m, 1H), 5.89(d, J=6.8 Hz, 1H), 6.00-6.06(m, 2H), 7.15-7.23 (m, 3H), 7.35-7.39 (m, 2H),7.52(d, J=8 Hz, 1H), 11.52(s, 1H) ; MS, m/e 487.97 (M+1)+
16	2,4-Cl-Ph	H	H	Me	Me	1H NMR (DMSO-d_6) δ 1.22-1.28 (m, 6H), 3.57-3.60 (m, 3H), 3.84-3.92 (m, 2H), 4.00-4.04 (m, 1H), 4.31-4.44 (m, 2H), 5.54-5.61 (m, 1H), 5.85-6.10 (m, 2H), 6.32-6.43 (m, 1H), 7.44-7.54 (m, 3H), 7.72-7.75 (m, 1H), 11.54 (s.1H) ; MS, m/e 570.2 (M+1)+
17	1-Napth	H	H	Me	Me	1H NMR (DMSO-d_6) δ 1.15-1.27 (m, 6H), 3.51-3.55 (d, 3H), 3.85-3.96 (m, 2H), 4.00-4.10(m, 1H), 4.30-4.46 (m, 2H), 5.31-5.39 (m, 1H), 5.89-6.05 (m, 2H), 6.22-6.34 (m, 1H), 7.44-7.60 (m, 5H), 7.73-7.77 (m, 1H), 7.93-7.96 (m, 1H), 8.12-8.14 (m, 1H),11.50(s.1H) ; MS, m/e 552.1 (M+1)+
18	Ph	*	H	*	Me	1H NMR (DMSO-d_6) δ 1.19 (d, J=22.8 Hz, 3H), 1.69-1.84 (m, 3H), 1.99-2.04 (m, 1H), 3.16-3.21 (m, 2H), 3.58 (s, 3H), 3.68-3.8 (m, 1H), 4.00 (m, 1H), 4.01-4.13 (m, 1H), 4.22-4.25 (m, 1 H), 4.5 (d, J = 11.2 Hz, 1H), 5.54 (d, J = 8.0 Hz, 1H), 5.86 (s, 1H), 5.6 (d, J = 19.6 Hz, 1H), 7.15-7.2 (m, 3H), 7.34 (t, J = 8.0 Hz, 2H), 7.51 (d, J = 8.0 Hz, 1H), 11.38 (s, 1H) ; MS, m/e 527.93(M+1)+
19	Ph	H	H	Me	n-Bu	1H NMR (DMSO-d_6) δ 0.80-0.90 (m, 3H), 1.20-1.35 (m, 8H), 1.48-1.55 (m, 2H), 3.78-3.88 (m, 2H), 3.95-4.08 (m, 3H), 4.22-4.45 (m, 2H), 5.55-5.57(t, 1H), 5.85-6.18 (m, 3H), 7.14-7.23 (m, 3H), 7.35-7.40 (m, 2H), 7.51-7.60 (d, 1H), 11.50 (s.1H) ; MS, m/e 544.2 (M+1)+
20	Ph	H	H	Me	Bn	1H NMR (DMSO-d_6) δ 1.20-1.30 (m, 6H), 3.72-4.05 (m, 3H), 4.23-4.27 (m, 1H), 4.32-4.45 (m, 1H), 5.07-5.10(t, 2H), 5.52-5.56(t , 1H), 5.86-6.10 (m, 2H), 6.13-6.21(m,1H), 7.15-7.21 (m, 3H), 7.29-7.40 (m, 7H), 7.51-7.56 (d, 1H), 11.50 (s.1H) ; MS, m/e 578.2 (M+1)+
21	4-F-Ph	H	H	Me	Me	1H NMR (DMSO-d_6) δ 1.28-1.34 (m, 6H), 3.65(d, J= 4 Hz, 3H), 3.85-3.96 (m, 2H), 4.06-4.12 (m, 1H), 4.30-4.34 (m,1H), 4.40-4.47 (m, 1H), 5.62-5.67 (m, 1H), 5.94-6.01(m, 1H), 6.09 (d, J=18.8 Hz, 1H), 6.17-6.26 (m, 1H), 7.27-7.33(m, 4H), 7.62 (d, J = 7.6 Hz, 1H), 11.61 (s, 1H) ; MS, m/e 519.94(M+1)+
22	4-Cl-Ph	H	H	Me	Me	1H NMR (DMSO-d_6) δ 1.22-1.28 (m, 6H), 3.58 (d, 2H), 3.70-3.95(m,2H), 3.95-4.08 (m,1H), 4.23-4.45 (m, 2H), 5.55-5.61(t , 1H),

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Ex.	R^1	R^2	R^{3a}	R^{3b}	R^4	NMR/MS
						5.85-6.10 (m, 2H), 6.15-6.23(m,1H), 7.20-7.26 (m, 2H), 7.43-7.46 (m, 2H), 7.54-7.57 (d, 1H), 11.50 (s.1H) ; MS, m/e 536.1 (M+1)+
23	3,4-Cl-Ph	H	H	Me	Me	1H NMR (DMSO-d_6) δ 1.13 (m, 6H), 3.49 (s, 3H), 3.61-3.85 (m, 2H), 3.90-3.93 (m, 1H), 4.16-4.22 (m, 1H), 4.27-4.31 (m, 1H), 5.47-5.52 (m, 1H), 5.82 (d, J = 11.6 Hz, 1H), 5.93(d, J = 19.2 Hz, 1H), 6.15-6.25 (m, 1H), 7.13 (t, J = 9.6 Hz, 1H), 7.43 (d, J = 12Hz, 2H), 7.57 (d, J = 6.0 Hz, 1H), 11.43(s, 1H) ; MS, m/e 569.85 (M+1)+
24	Ph	H	H	Me	2-Bu	1H NMR (DMSO-d_6) δ 0.83 (d, J = 6.8 Hz, 6H), 1.20-1.26 (m, 6H), 1.79-1.86 (m, 1H), 3.73-3.90 (m, 4H), 4.01 (t, J = 11.2 Hz, 1H), 4.21-4.28 (m, 1H), 4.33-4.42 (m, 1H), 5.54 (t, J = 7.6 Hz, 1H), 5.85-5.92 (m, 1H), 5.99-6.13 (m, 2H), 7.19 (t, J = 8 Hz, 3H), 7.36 (t, J = 7.6 Hz, 2H), 7.53 (d, J = 7.6 Hz, 1H), 11.52 (s, 1H) ; MS, m/e 544.00 (M+1)+
25	Ph	H	H	Me	i-Pr	1H NMR (DMSO-d_6) δ 1.13-1.28 (m, 12H), 3.74-3.81 (m, 2H), 3.95-4.08 (m,1H), 4.20-4.45 (m, 2H), 4.83-4.87 (m, 1H), 5.52-5.58 (m, 1H), 5.84-6.15 (m, 3H), 7.17-7.23 (m, 3H), 7.35-7.39 (m, 2H), 7.54-7.57 (m, 1H), 11.50 (s.1H) ; MS, m/e 530.2 (M+1)+
26	4-MeO-Ph	H	H	Me	n-Bu	1HNMR (400MHz, DMSO-d_6): δ =0.78-0.82 (m, 3H), 1.29-1.47 (m, 8H), 1.49-1.54 (m, 2H), 3.66-3.87 (m, 5H), 3.96-4.02 (m, 3H), 4.21-4.39 (m, 2H), 5.57 (t, J= 12.0Hz, 1H), 5.84-6.05 (m, 3H), 6.90 (dd, J1 =8.0Hz, J2=4.0Hz, 2H), 7.09-7.14 (dd, J1=16.0Hz, J2=4.0Hz, 2H), 7.55 (d, J =8.0Hz, 1H), 11.48-11.62 (s, 1H)
27	4-F-Ph	H	H	Me	Et	1H NMR (DMSO-d_6) δ 1.12-1.28 (m, 9H), 3.72-3.94(m,2H) ,3.98-4.10 (m,3H), 4.21-4.42(m,2H), 5.55-5.61 (t, 1H), 5.85-6.20 (m, 3H), 7.18-7.25 (m,4H), 7.55-7.58 (d, 1H), 11.50 (s.1H) ; MS, m/e 533.90 (M+1)+
28	4-F-Ph	H	H	Me	i-Pr	1H NMR (DMSO-d_6) δ 1.13-1.30 (m, 12H), 3.74-3.85(m,2H) ,3.98-4.06 (m,1H), 4.23-4.41(m,2H), 4.83-4.87 (m, 1H), 5.55-5.61 (t, 1H), 5.85-6.12 (m, 3H), 7.18-7.24 (m,4H), 7.55-7.58 (d, 1H), 11.50 (s.1H) ; MS, m/e 547.91 (M+1)+
29	4-F-Ph	H	H	Me	Bn	1H NMR (DMSO-d_6) δ 1.10-1.23 (m, 6H), 3.65-3.89(m,3H) ,4.10-4.30 (m,2H), 4.96-5.00(m,2H), 5.46-5.50 (t, 1H), 5.75-5.96 (m, 2H), 6.04-6.12(m,1H), 7.05-7.11 (m,4H), 7.20-7.24 (d, 5H), 7.42-7.45(d,1H), 11.50 (s.1H) ; MS, m/e 595.94 (M+1)+
30	4-MeO-Ph	H	H	Me	i-Pr	1HNMR (400MHz, DMSO-d_6): δ=1.15-1.27 (m, 12H), 3.71-3.89 (m, 5H), 3.98-4.02 (m, 1H), 4.22-4.25 (m, 1H), 4.33-4.39 (m, 1H), 4.84-4.87 (m, 1H), 5.57 (t, J= 12.0Hz, 1H), 5.91-6.03 (m, 3H), 6.90 (d, J= 8.0Hz, 2H), 7.09-7.14 (m, 2H), 7.55 (d, J= 8.0Hz, 1H), 11.51 (s, 1H)
31	2-Cl-Ph	H	H	Me	Bn	1H NMR (DMSO-d_6) δ 1.23 (m, 6 H), 3.93-4.00 (m, 3 H), 4.27-4.40 (m, 2H), 5.0(t, J= 7.2 Hz, 2 H), 5.53 (m ,1 H), 5.80-6.0(m , 2 H), 6.30(m, 1H), 7.15 (d, J= 2.4 Hz, 1 H), 7.27 (m, 6 H), 7.51 (m, 3 H), 11.5 (s, 1 H) ; MS, m/e 579.87(M+1)+ / 596.78 (M+18)+
32	2,4-Cl-Ph	H	H	Me	n-Bu	1H NMR (DMSO-d_6) δ=0.82 (m, 3 H),1.23 (m, 8 H) , 1.47 (m, 2 H), 3.86 (m, 2 H), 3.84 (m, 3 H),4.27-4.43 (m, 2H), 5.5 (m , 1 H), 6.02 (m ,2 H), 6.35(m, 1H), 7.44 (m, 3 H), 7.77 (m, 1 H), 11.5 (s, 1 H) ; MS, m/e 611.87(M+1)+
33	4-Me-Ph	H	H	Me	i-Pr	1H NMR (DMSO-d_6) δ 1.14-1.27 (m, 12H), 2.17-2.26 (m, 3H), 3.73-3.82 (m, 1H), 3.99-4.02 (m, 1H), 4.23-4.26 (m, 1H), 4.37-4.40 (m,

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Ex.	R^1	R^2	R^{3a}	R^{3b}	R^4	NMR/MS
						1H), 4.82-4.88 (m, 1H), 5.52-5.58 (m, 1H), 5.85-6.07 (m, 3H), 7.01-7.20 (m, 4H), 7.55 (d, J = 16Hz, 1H), 11.51 (s, 1H) ; MS, m/e 543.98 (M+1)+; 1108.86 (2M+23)+
34	4-F-Ph	H	H	Me	n-Bu	1H NMR (DMSO-d_6) δ 0.82-0.89 (m,3H), 1.20-1.31 (m, 8H), 1.48-1.53 (m,2H), 3.77-3.90 (m,2H) ,3.95-4.10 (m,3H), 4.21-4.45(m,2H), 5.56-5.61 (t, 1H), 5.83-6.20 (m, 3H), 7.18-7.25 (m,4H), 7.55-7.58 (d, 1H), 11.50 (s.1H) ; MS, m/e 584.1 (M+23)+
35	3,4-diCl-Ph	H	H	Me	Et	1H NMR (DMSO-d_6) δ1.12-1.31 (m, 9H), 3.77-3.92 (m,2H), 3.95-4.08 (m,3H), 4.21-4.45(m,2H), 5.56-5.62 (t, 1H), 5.80-6.11 (m, 2H), 6.18-6.33(m.1H), 7.18-7.25 (m,1H), 7.49-7.56 (d, 2H), 7.62-7.67(m.1H), 11.50 (s.1H) ; MS, m/e 606.1 (M+23)+
36	2-Cl-Ph	H	H	Me	i-Pr	1HNMR (400MHz, DMSO-d_6): δ =1.12-1.16 (m, 6H), 1.21-1.27 (m, 6H), 3.79-3.85 (m, 2H), 4.00-4.07 (m, 1H), 4.28-4.32 (m, 1H), 4.38-4.43 (m, 1H), 4.83-4.87 (m, 1H), 5.56 (dd, J1=16.0Hz, J2=8.0Hz, 1H), 5.85-6.12 (m, 2H), 6.20-6.33 (m, 1H), 7.19-7.22 (m, 1H), 7.33 (t, J= 16.0Hz, 1H), 7.48-7.55 (m, 3H), 11.55 (s, 1H)
37	4-MeO-Ph	H	H	Me	Bn	1HNMR(400MHz, DMSO-d_6): δ=1.19-1.26 (m, 6H), 3.69-3.70 (s, 3H), 3.87 (m, 2H), 3.99 (m, 1H), 4.20-4.21 (m, 1H), 4.35 (m, 1H), 5.07-5.09 (m, 2H), 5.54 (t, J = 16.0Hz, 1H), 5.85-5.92 (m, 1H), 6.04-6.10 (m, 2H), 6.86 (d, J= 8.0Hz, 2H), 7.09 (dd, J1=16.0Hz, J2=4.0Hz, 2H), 7.30-7.34 (m, 5H), 7.53 (s, 1H), 11.52 (s, 1H)
38	Ph	H	H	Me	n-Pen	1H NMR (DMSO-d_6) δ 0.79-0.81 (m, 3H), 1.17-1.23 (m, 10H), 3.74-3.81 (m, 2H), 3.94-3.96 (m, 3H), 4.19-4.36 (m, 2H), 5.49-5.54 (m, 1H), 5.87-6.08 (m,3H), 7.14-7.33 (m, 3H), 7.31-7.35 (m, 2H), 7.51 (d, J = 8Hz, 1H), 11.51 (s, 1H) ; MS, m/e 557.9 (M+1)+; 1136.88 (2M+23)+
39	4-Cl-Ph	H	H	Me	i-Pr	1H NMR (DMSO-d_6) δ 1.04-1.19 (m, 12H), 3.76-3.80 (m , 2H), 3.98-4.08 (m, 1H), 4.42-4.42 (m, 2H), 4.82-4.85 (m, 1H), 5.55-5.60 (m, 1H), 5.80-6.20 (m,3H),7.20-7.2 5(m, 2H), 7.43 (d, J = 8.8Hz, 1H), 7.54 (d, J = 8Hz, 1H), 11.51 (s, 1H) ; MS, m/e 563.88 (M+1)+; 1148.73 (2M+23)+
40	4-Cl-Ph	H	H	Me	n-Bu	1H NMR (DMSO-d_6) δ 0.85 (t, J = 7.2 Hz, 3H), 1.22-1.33 (m, 8H),1.45-1.53 (m, 2H), 3.80-3.87 (m, 2H), 3.96-4.04 (m, 3H), 4.24-4.27 (m, 1H), 4.35-4.39 (m, 1H), 5.56-5.61 (m, 1H), 5.82-6.11 (m, 2H), 6.15-6.18 (m, 1H), 7.20-7.56 (m, 4H), 7.51-7.57 (m.1H) , 11.54 (s, 1H); MS, m/e577.95(M+1)+
41	4-Cl-Ph	H	H	Me	Et	1H NMR (DMSO-d_6) δ 1.14 (t, J = 7.0Hz, 3H), 1.20-1.28 (m, 6H),3.77-3.88 (m, 2H), 3.99-4.07 (m, 3H), 4.24-4.28 (m, 1H), 4.34-4.43 (m, 1H), 5.56-5.61 (m, 1H), 5.86-6.13 (m, 2H), 6.15-6.24 (m, 1H), 7.20-7.26 (m, 2H), 7.44 (d, J = 7.6Hz, 2H) , 7.55 (d, J = 7.6Hz, 1H), 11.55 (s, 1H); MS, m/e549.11(M+1)+
42	4-Me-Ph	H	H	Me	n-Bu	1H NMR (DMSO-d_6) δ 0.79-0.83 (m, 3H), 1.17-1.28 (m, 8H), 1.45-1.47 (m, 2H), 2.22 (d, J = 2.8Hz, 1H), 3.70-3.90 (m, 2H), 3.95-3.98 (m, 3H), 4.10-4.40 (m, 2H), 5.51 (t, 1H), 5.80-5.90 (m, 1H), 5.95-6.05 (m, 2H), 7.02-7.06 (m, 2H), 7.51 (t, J = 4.2Hz , 4H), 7.51 (d, 1H), 11.51 (s, 1H) ; MS, m/e 557.99(M+1)+; 1136.84(2M+23)+

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Ex.	R^1	R^2	R^{3a}	R^{3b}	R^4	NMR/MS
43	4-Me-Phe	H	H	Me	Bn	1H NMR (DMSO-d_6) δ 1.16-1.24 (m, 6H), 2.22 (s , 3H), 3.65-4.03 (m,3H), 4.11-4.38 (m, 2H), 5.04-5.05 (m, 2H), 5.48-5.50 (m, 1H), 5.77-5.87 (m,1H),5.90-6.11 (m, 2H), 6.98-7.10 (m, 4H), 7.28-7.32 (m, 5H), 7.50 (t ,1H), 11.48 (s, 1H) ; MS, m/e 592.00 (M+1)+.
44	Ph	H	H	Et	Me	1H NMR (DMSO-d_6) δ 0.70-0.80 (m, 3H), 1.11-1.26 (m, 3H), 1.42-1.61 (m, 2H), 3.50-3.54 (m, 3H), 3.58-3.80 (m, 2H), 3.91-4.02 (m, 1H), 4.12-4.38 (m, 2H), 5.47-5.52 (m,1H),5.90-6.03 (m, 2H), 7.08-7.16 (m, 3H), 7.26-7.35 (m, 2H),7.48 (t,1H),11.45 (s, 1H) ; MS, m/e 515.95 (M+1)+; 1052.82 (2M+23)+
45	Ph	H	H	Me	4-F-Bn	^{1}HNMR (400MHz, DMSO-d_6): δ 1.20-1.26 (m, 6H), 3.80-3.93 (m, 2H), 3.98 (s, 1H), 4.25-4.26 (m, 1H), 4.36-4.37 (m, 1H), 5.07 (s, 2H), 5.52-5.55 (m, 1H), 5.86-5.87(m, 1H), 5.98-6.04 (m, 1H), 6.14-6.17 (m, 1H), 7.15-7.20 (m, 5H), 7.36 (dd, *J* = 20.0, 8.0 Hz, 4H), 7.54 (s, 1H), 11.55 (s, 1H)
46	4-Cl-Ph	H	H	Me	n-Bu	^{1}HNMR (400MHz, DMSO-d_6): δ 1.21-1.28 (m, 6H), 3.71-3.88 (m, 1H), 3.91-3.98 (m, 1H), 4.00-4.01 (m, 1H), 4.23-4.27 (m, 1H), 4.35-4.38 (m, 1H), 5.08 (d, *J* = 4.0Hz, 2H), 5.57 (dd, *J* = 12.0, 8.0 Hz, 1H), 5.91 (d, *J* = 8.0 Hz, 1H), 6.01 (d, *J* = 8.0 Hz, 1H), 6.22-6.24 (m, 1H), 7.17-7.23 (m, 2H), 7.31-7.40 (m, 7H), 7.53 (s, 1H), 11.50 (s, 1H)
47	Ph	H	H	Me	3-Me-1-Bu	^{1}H NMR (DMSO-d_6) δ 0.80-0.82 (m, 6H), 1.18-1.40 (m, 8H), 1.50-1.58 (m, 1H), 3.71-3.82 (m, 3H), 3.97-3.4.01 (m, 3H), 4.21-4.40 (m, 2H), 5.30(t, *J* = 8.6 Hz, 1H), 5.81-6.10 (m, 3H), 7.15-7.20 (m, 3H), 7.32-7.36 (m, 2H), 7.48 (d, *J* = 8.4 Hz, 1H), 11.38 (s, 1H) ; MS, *m/e* 557.98 $(M+1)^+$; 1136.88 $(2M+23)^+$
48	3,4-diCl-Ph	H	H	Me	Bn	^{1}H NMR (DMSO-d_6) δ 1.05-1.37 (m, 6H), 3.71-3.82 (m, 1H), 3.87-4.02 (m, 2H), 4.28-4.29 (m, 1H),4.36-4.38 (m, 1H),5.04 (d, *J* = 5.2Hz, 2H), 5.55-5.64 (m, 1H), 5.85-5.94 (m, 1H), 6.00-6.05 (m, 1H), 6.29-6.40 (m, 1H),7.17-7.24 (m, 1H), 7.30-7.41 (m, 5H), 7.45-7.58 (m, 2H), 7.61 (d, *J* = 4.0Hz, 1H), 11.53 (s, 1H): MS, *m/e*545.80$(M+1)^+$;
49	Ph	H	H	Me	c-Hex	^{1}H NMR (DMSO-d_6) δ 1.18-1.41 (m, 12H), 1.59-1.67 (m, 4H), 3.74-13.80 (m, 1H), 3.96-4.02 (m, 1H), 4.19-4.26 (m, 1H), 4.31-4.39 (m, 1H), 4.60 (s, 1H), 5.52 (t, *J* = 7.8 Hz, 1H), 5.80-6.09 (m, 3H), 7.15-7.20 (m, 3H), 7.32-7.36 (m, 2H), 7.52 (d, *J* = 8 Hz, 1H), 11.50 (s, 1H) ; MS, *m/e* 569.98 $(M+1)^+$; 592.14 $(M+23)^+$
50	Ph	H	Me	H	n-Bu	1H NMR (DMSO-d_6) δ 0.76 (t, J = 7.2Hz, 3H), 1.10-1.22 (m, 8H), 1.38-1.43 (m, 2H), 3.72-3.75 (m, 2H), 3.87-3.93 (m, 3H), 4.14-4.21 (m, 1H), 4.23-4.33 (m, 1H), 5.46-5.54 (m, 1H), 5.84-6.11 (m, 3H), 7.09-7.14 (m, 2H), 7.27-7.32 (m, 2H), 7.34-7.51 (m, 1H), 11.47 (s, 1H); MS, m/e543.98(M+1)+
51	Ph	H	Me	H	i-Pr	1H NMR (DMSO-d_6) δ 1.39 (d, J = 7.2Hz, 6H), 1.19-1.29 (m, 6H), 3.65-3.75 (m, 2H), 3.95-4.05 (m, 1H), 4.20-4.22 (m, 1H), 4.31-4.33 (m, 1H), 4.79-4.82 (m, 1H), 5.48-5.57 (m, 1H), 5.84-5.91 (m, 1H), 5.96-6.07 (m, 2H), 7.12-7.35 (m, 5H), 7.44-7.54 (m,1H), 11.49(s, 1H); MS, m/e529.96 (M+1)+
52	Ph	H	Me	H	Bn	^{1}H NMR (DMSO-d_6) δ 1.18-1.28 (m, 6H), 3.70-3.83 (m, 1H), 3.87-3.94 (m, 1H), 3.99-4.01 (m, 1H), 4.23-4.26 (m, 1H), 4.33-4.37 (m,

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Ex.	R^1	R^2	R^{3a}	R^{3b}	R^4	NMR/MS
						1H), 5.03-5.12 (m, 2H), 5.51-5.59 (m, 1H), 5.87-5.90 (m, 1H), 5.95-6.07 (m, 1H), 6.10-6.27 (m, 1H), 7.15-7.23 (m, 3H), 7.31-7.38 (m, 7H), 7.47-7.56 (m, 1H), 11.50 (s, 1H); MS, m/e577.99 (M+1)+
53	2-Cl-Ph	H	H	Me	n-Bu	^{1}HNMR (400MHz, DMSO-d_6): δ 0.81-0.86 (m, 3H), 1.21-1.31 (m, 8H), 1.46-1.52 (m, 2H), 3.84-3.90 (m, 2H), 3.97-4.04 (m, 3H), 4.27-4.41 (m, 2H), 5.53-5.58 (m, 1H), 5.82-5.95 (m, 1H), 5.96-6.10 (m, 1H), 6.27-6.31 (m, 1H), 7.19-7.22 (m, 1H), 7.34 (dd, *J* = 8.0, 4.0 Hz, 1H), 7.47-7.55 (m, 3H), 11.55 (s, 1H)
54	4-Br-Ph	H	H	Me	i-Pr	^{1}HNMR (400MHz, DMSO-d_6): δ 1.10-1.14 (m, 6H), 1.20-1.27 (m, 6H), 3.74-3.81 (m, 2H), 3.99-4.01 (m, 1H), 4.21-4.25 (m, 1H), 4.37-4.38 (m, 1H), 4.81-4.85 (m, 1H), 5.58 (dd, *J* = 8.0, 4.0 Hz, 1H), 5.82-5.95 (m, 1H), 5.96-6.09 (m, 1H), 6.10-6.13 (m, 1H), 7.18 (dd, *J* = 12.0, 8.0 Hz, 2H), 7.53-7.57 (m, 3H), 11.52 (s, 1H)
55	4-F-Ph	H	H	Me	c-Hex	^{1}H NMR (DMSO-d_6) δ 1.20-1.44 (m, 12H), 1.60-1.71 (m, 4H), 3.75-4.02 (m, 2H), 3.94-4.02 (m, 1H), 4.19-4.26 (m, 2H), 4.59-4.61 (m, 1H), 5.57 (t, *J* = 8.4 Hz, 1H), 5.85-6.06 (m, 3H), 7.17-7.23 (m, 4H), 7.54 (d, *J* = 8.4 Hz, 1H), 11.50 (s, 1H) ; MS, *m/e* 587.92 $(M+1)^+$
56	4-Br-Ph	H	H	Me	c-Hex	^{1}HNMR (400MHz, DMSO-d_6): δ =1.18-1.46 (m, 12H), 1.61-1.69 (m, 4H), 3.75-3.82 (m, 2H), 3.95-4.08 (m, 1H), 4.25-4.28 (m, 1H), 4.38 (s, 1H), 4.60-4.62 (m, 1H), 5.56-5.60 (m, 1H), 5.82-5.95 (m, 1H), 6.02-6.20 (m, 2H), 7.09-7.20 (m, 2H), 7.53-7.57 (m, 3H), 11.52 (s, 1H) MS, *m/e* 650.0 $(M+3)^+$
57	Ph	H	H	Et	i-Pr	^{1}HNMR (400MHz, DMSO-d_6): δ =0.75-0.82 (m, 3H), 1.12-1.26 (m, 9H), 1.52-1.59 (m, 2H), 3.55-3.68 (m, 1H), 3.72-3.85 (m, 1H), 3.95-4.08 (m, 1H), 4.18-4.28 (m, 1H), 4.32-4.41 (m, 1H), 4.83-4.86 (m, 1H), 5.55 (m, *J*= 7.6Hz, 1H), 5.99-6.04 (m, 2H), 6.05-6.10 (m, 1H), 7.14-7.21 (m, 3H), 7.33-7.37 (m, 2H), 7.52-7.54 (m, 1H), 11.53 (s, 1H) ; MS, *m/e*566.07$(M+23)^+$
58	Ph	H	H	Et	c-Hex	^{1}HNMR (400MHz, DMSO-d_6): δ 0.75-0.88 (m, 3H), 1.26-1.46 (m, 9H), 1.52-1.69 (m, 6H), 3.60-3.63 (m, 1H), 3.72-3.90 (m, 1H), 4.02-4.03 (m, 1H), 4.24-4.27 (m, 1H), 4.37-4.38 (m, 1H), 4.63-4.65 (m, 1H), 5.55 (dd, *J* =8.0Hz, 4.4Hz, 1H), 5.80-5.95 (m, 1H), 6.00-6.07 (m, 2H), 7.15-7.22 (m, 3H), 7.34-7.38 (m, 2H), 7.54 (d, *J* =8.0Hz, 1H), 11.55 (s, 1H); MS, *m/e* 584.01 $(M+1)^+$, 606.17 $(M+23)^+$
59	4-F-Ph	H	H	Et	c-Hex	^{1}H NMR (DMSO-d_6) δ 0.75-0.84 (m, 3H), 1.24 (d, *J* = 22.8Hz, 3H), 1.29-1.47 (m, 6H), 1.51-1.70 (m, 6H), 3.59-3.66 (m, 1H), 3.77-3.84 (m, 1H), 3.98-4.04 (m, 1H), 4.21-4.27 (m, 1H), 4.34-4.41 (m, 1H), 4.60-4.65 (m, 1H), 5.56-5.60 (m, 1H), 5.84-5.90 (m, 1H), 6.00-6.08 (m, 2H), 7.20-7.24 (m, 4H), 7.56(d, *J* = 8.0Hz, 1H), 11.49 (s, 1H); MS, *m/e* 602.00$(M+1)^+$
60	Ph	H	H	Me	F-CH_2-CH_2-	^{1}H NMR (DMSO-d_6) δ 1.18-1.25(m, 6H), 3.71-3.89 (m, 2H), 3.92-3.99 (m, 1H), 4.19-4.27 (m, 4H), 4.48-4.61 (m, 2H) , 3.94-3.98 (m, 2H), 4.11-4.23 (m, 4H), 5.47-5.52 (m, 1H), 6.01-6.11 (m, 1H), 5.90-6.14

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Ex.	R^1	R^2	R^{3a}	R^{3b}	R^4	NMR/MS
						(m, 2H), 7.15-7.21 (m, 3H), 7.32-7.36 (m, 2H), 7.46-7.57 (m, 1H), 11.49 (s,1H) ; MS, *m/e* 533.86 (M+1)$^+$
61	Ph	H	H	Me	F_2CH-CH_2-	^{1}H NMR (DMSO-d_6) δ 1.17-1.24 (m, 6H), 3.67-3.81 (m, 1H), 3.89-3.98 (m, 2H),4.21-4.36 (m, 4H), 5.48-5.53 (m, 1H) , 5.82-6.05 (m, 2H), 6.18-6.22 (m, 2H), 7.15-7.20 (m, 3H), 7.32-7.36 (m , 2H), 7.51 (s, 1H),11.50 (s, 1H) ; MS, *m/e* 551.92 (M+1)$^+$;
62	Ph	H	H	Me	$(CF_3)_2$-CH-	^{1}H NMR (DMSO-d_6) δ 1.13-1.29 (m, 6H), 3.67-3.81 (m, 1H), 3.94-4.32 (m, 4H), 5.47 (t, *J* = 8 Hz 1H) , 5.82-6.01 (m, 2H), 6.33-6.36 (m, 1H), 6.70-6.78 (m, 1H), 7.09-7.15 (m, 3H), 7.28-7.32 (m , 2H), 7.43-7.46 (m, 1H),11.44 (s, 1H) ; MS, *m/e* 637.90 (M+1)$^+$
63	Ph	H	H	Me	$(CH_2F)_2$-CH-	^{1}H NMR (DMSO-d_6) δ 1.20-1.29 (m, 6H), 3.70-3.90 (m, 1H), 3.91-4.12 (m, 2H), 4.20-4.33 (m, 1H), 4.35-4.48 (m, 1H), 4.52-4.55 (m, 2H) , 4.63-4.67 (m, 2H), 5.20-5.35 (m, 1H), 5.56 (t, *J* = 8.4 Hz, 1H), 5.80-5.95 (m, 1H), 5.95-6.10 (m, 1H), 6.18-6.21 (m, 1H), 7.18-7.23 (m, 3H), 7.35-7.39 (m , 2H), 7.54 (s, 1H),11.55 (s, 1H) ; MS, *m/e* 565.98 (M+1)$^+$
64	Ph	H	H	Me	c-Pr-CH_2-	^{1}H NMR (DMSO-d_6) δ 0.20-0.24(m, 2H), 0.47-0.48(m, 2H), 0.76-0.84(m, 3H), 1.03-1.05(m, 1H), 1.23(dd, *J= 22.4 6.8 Hz* 3H), 1.55-1.60(m, 2H), 3. 61-3.68(m, 1H), 3. 81-3.89 (m, 3H), 3.98-4.03(m, 1H), 4.23-4.29(m, 1H), 4.35-4.41(m, 1H), 5.56-6.00(m, 1H) , 5.88-5.91(m, 1H), 6.04-6.10(m, 2H), 7.20-7.24(m, 4H), 7.55 (d, *J= 7.6 Hz* 1H),11.53 (s, 1H) ; MS, *m/e* 573.17 (M+1)$^+$
65	Ph	H	H	Et	c-Pen	^{1}H NMR (DMSO-d_6) δ 0.75-0.83 (m, 3H), 1.20-1.28 (m, 3H), 1.49-1.63 (m, 8H), 1.76-1.80 (m, 2H), 3.58-3.60 (m, 1H), 3.70-3.82 (m, 1H), 3.98-4.05 (m, 1H), 4.24-4.26 (m, 1H) , 4.37-4.42 (m, 1H), 5.03 (s, 1H), 5.54-5.57 (m, 1H), 5.90-6.00 (m,1H), 6.02-6.07 (m, 2H), 7.15-7.22 (m, 3H), 7.35-7.39 (m, 2H) 7.55 (d, *J* = 8.0 Hz, 1H), 11.55 (s, 1H) ; MS, *m/e* 570.03 (M+1)$^+$

*R^2 and R^{3b} together are $-(CH_2)_3-$ as derived from L-proline

The purification procedure by Prep-HPLC:

Crude products were dissolved in methanol. Injection volumes of these solutions were 5 mL.

The preparative HPLC system including 2 sets of Gilson 306 pumps, a Gilson 156 UV/Vis detector, a Gilson 215 injector & fraction collector, with Unipoint control software. A Ymc 25×30×2 mm column was used. The mobile phase was HPLC grade

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water (A), and HPLC grade acetonitrile (B). Fractions were collected into 100*15mm glass tubes.

HPLC gradient is shown in Table 1. Once the gradient was selected, acetonitrile solution was injected into HPLC system, and then fractions collected according to UV peaks. After the separation, each glass tubes were run MS test to collect the desired compounds. The fractions with target MS were combined in a well-weighted flask. Most of acetonitrile was removed under reduce pressure and the remaining solution was freeze-dried to give desired compound.

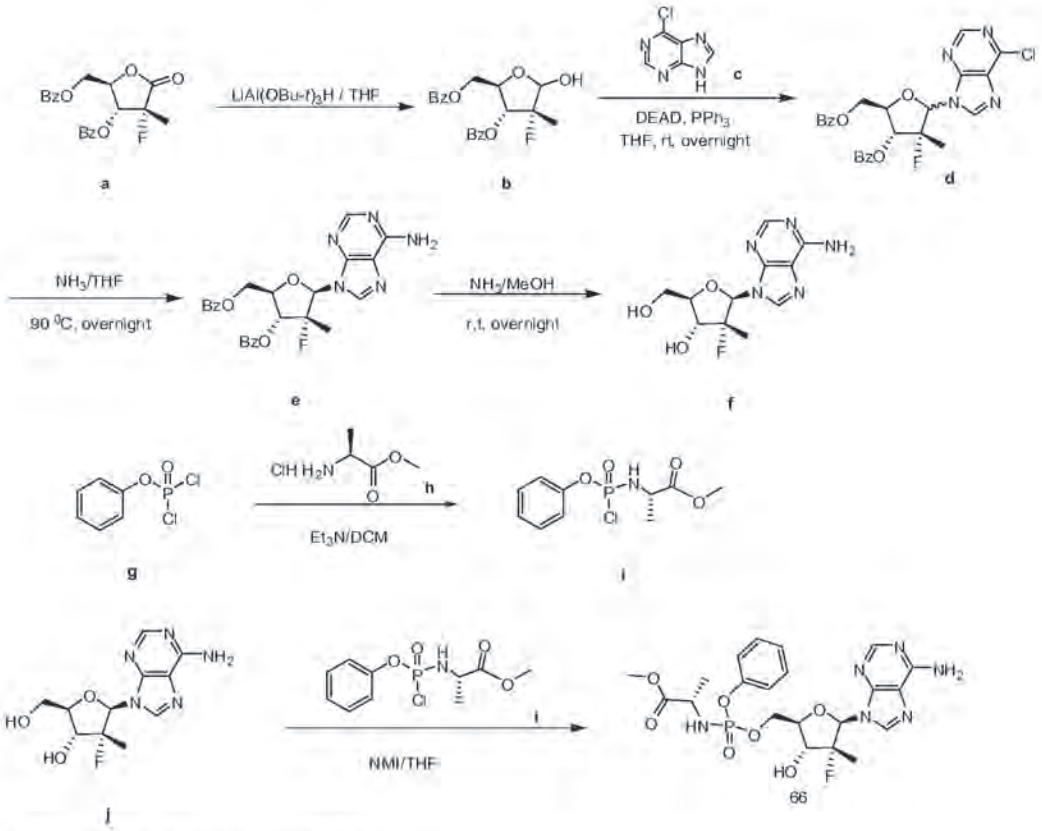
Table 1:

Preparative HPLC gradient			
Time (min)	Flow rate (mL/min)	% A	% B
0	15	90	10
30	15	60	40

Preparation of Example 66

Scheme

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Preparation of compound (b)

To a solution of compound **a** (1 g, 2.69 mmol) in anhydrous THF (30 mL) was added dropwise 1 M solution of LiAl(OBu-*t*)$_3$H in THF (2.69 mL, 2.69 mmol) at -20 °C. The reaction mixture was stirred for 2-3 h at the same temperature. EtOAc (100 mL) was added followed by saturated NH_4Cl solution (10 mL) and reaction mixture was slowly brought to room temperature. Reaction mixture was extracted with EtOAc and washed with 1N HCl and water. Combined organic phase was evaporated to give 0.8 g of crude compound **b** as transparent oil, which was used directly for next reaction.

Preparation of compound (d)

To a solution of compound **b** (0.8 g, 2.1mmol), compound **c** (0.45 g, 2.5 mmol) and Ph_3P (0.56 g, 2.1 mmol) in anhydrous THF (20 mL) under nitrogen atmosphere was added DEAD (1.8 mL). The reaction mixture was stirred at room temperature overnight. The reaction solution was concentrated under reduce pressure. The residue was separated

by preparative layer chromatography (hexanes:EtOAc = 3:1) to give crude compound **d** (0.8 g). The crude compound **d** was used to the next step without further purification.

Preparation of compound (e)

Compound **d** (0.8 g, 1.57 mmol) was dissolved in THF (2 mL) and THF saturated with ammonia (5 mL) was then added to this solution. The reaction mixture was heated to 90 °C overnight. After 18 hours, the solution was cooled to room temperature by ice water, then the solvent was removed under reduced pressure and the residue was purified by column to give compound **e** (0.75 g) for the next step.

Preparation of compound (f)

Compound **e** (0.5 g, 1.01 mmol) was dissolved in methanol (2 mL) and methanol was saturated with ammonia (5 mL) was then added to this solution. The reaction mixture was stirred at room temperature overnight. After 18 hours, the solvent was removed under reduced pressure and the residue was purified by column to give crude compound **f** (0.15 g) for the next step.

Preparation of compound (i)

A solution of triethylamine (1.07 g, 10.6 mmol) in anhydrous dichloromethane (15 mL) was added dropwise to a solution of compound **g** (1.16 g, 5.3 mmol) and compound **h** (1.31 g, 5.3 mmol) in dichloromethane (10 mL) with vigorous stirring at -78 °C over a period of 2 hours. After completion of addition, the reaction temperature was allowed to warm to room temperature gradually and stirred over night. Then the solvent was removed under vacuum and anhydrous ether 20 mL was added and the precipitated salt was filtered and the precipitate was washed with ether. The combined organic phase was concentrated to give the colorless oil of compound **i** (1.0 g).

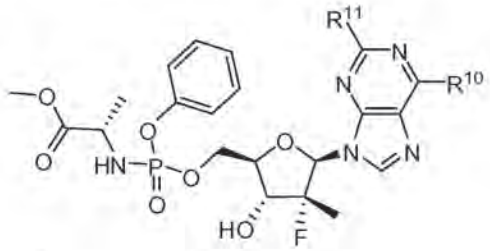
Preparation of Compound 66

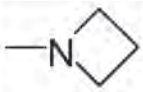
To a solution of compound **j** (0.1 g, 0.35 mmol) dissolved in 10 mL of anhydrous THF, stirred and added 0.4g NMI till the solution became clear, added compound **i** (0.8 g, 2.89 mmol) in 10 mL THF dropwise, stirred at r.t. overnight. Compound purity and identification was confirmed by LCMS. The solvent was evaporated and purified by Prep-HPLC to afford **66**. (25 mg, Yield: 13.6%). ^{1}H NMR (DMSO-d_6) δ 1.08 (d, J = 22.8 Hz, 3H), 1.17-1.24 (m, 3H), 3.50-3.52 (m, 3H), 3.78-3.83 (m, 1H), 4.10-4.13 (m,

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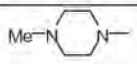
1H), 4.24-4.44 (m, 2H), 5.85-5.92 (m, 1H), 6.01-6.11 (m,1H), 6.2.-6.27 (m, 1H), 7.08-7.19 (m, 4H), 7.31-7.38 (m, 3H), 8.15 (s, 1H), 8.26 (s, 1H); MS, *m/e* 525 $(M+1)^+$.

Example numbers **67-74**, identified below, were prepared using similar procedures disclosed for Example **66**, above.



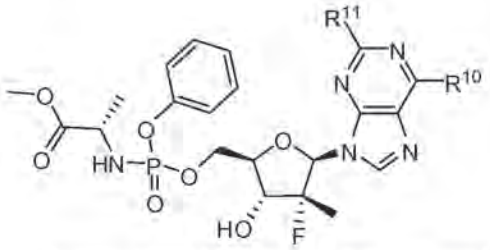
Example	R^{11}	R^{10}	NMR/MS
67	OH	NH_2	^{1}H NMR (DMSO-d_6) δ 1.06-1.13 (m, 3H), 1.20-1.24 (m, 3H), 3.27-3.33(m, 3H), 3.56 (s, 1H), 3.82-3.88 (m, 1H), 4.07-4.13 (m, 1H), 4.25-4.40 (m, 2H), 5.85-5.87 (m, 1H), 5.98-6.09 (m, 2H), 6.59 (s, 32H), 7.14-7.37 (m, 3H), 7.35-7.37 (m, 2H), 7.79 (d, *J*=7.2 Hz, 1H), 10.69 (s, 1H); MS, *m/e* 541 $(M+1)^+$;
68	NH_2	NH_2	^{1}H NMR (DMSO-d_6) δ 1.07 (d, *J*=22.8 Hz, 3H), 1.19 (d, *J*=7.2 Hz, 3H), 3.51 (s, 3H), 3.62 (s, 1H), 3.75-3.81 (m, 1H), 4.05-4.11 (m, 1H), 4.27-4.42 (m, 2H), 5.79-5.83 (m, 1H), 5.92 (s, 2H), 6.00-6.09 (m, 2H), 6.75 (s, 2H), 7.08-7.17 (m, 3H), 7.31-7.35 (m, 2H), 7.78 (s, 1H); MS, *m/e* 540 $(M+1)^+$;
69	NH_2	c-Pentyl-NH-	^{1}H NMR (DMSO-d_6) δ 1.05 (d, *J*=22.8 Hz, 3H), 1.09-1.19 (m, 3H), 1.48 (s, 4H), 1.66 (s, 1H), 1.86 (s, 1H), 3.54 (d, *J*=14 Hz, 3H), 3.65 (s, 1H), 4.25-4.43 (m, 4H), 5.71-5.82 (m, 1H), 5.94-6.04 (m, 4H), 7.11-7.24 (m, 3H), 7.26-7.34 (m, 2H), 7.77(d, *J*=3.6 Hz, 1H); MS, *m/e* 608$(M+1)^+$
70	NH_2		^{1}H NMR (DMSO-d_6) δ 1.07 (d, *J*=22.4 Hz, 3H), 2.35-2.38 (m, 2H), 3.54 (d, *J*=9.2 Hz, 3H), 3.59-3.62 (m, 2H), 3.65 (s, 1H), 3.75-3.82 (m, 1H), 4.01-4.13 (m, 2H), 4.22-4.40 (m, 6H), 5.75-5.85 (m, 1H), 6.00-6.07 (m, 4H), 7.15-7.21 (m, 3H), 7.32-7.35 (m, 2H), 7.79 (d, *J*=4.0 Hz, 1H); MS, *m/e* 580 $(M+1)^+$
71	NH_2	Et_2N-	^{1}H NMR (DMSO-d_6) δ 1.06-1.28 (m, 12H), 3.55 (d, *J*=4.8 Hz, 3H), 3.79-3.87 (m, 4H), 4.07-4.12 (m, 2H), 4.29-4.42 (m,

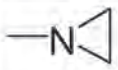
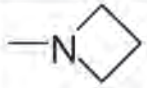
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Example	R^{11}	R^{10}	NMR/MS
			3H), 5.75-5.82 (m, 1H), 5.94 (s, 2H), 6.04-6.10 (m, 2H), 7.14-7.22 (m, 3H), 7.31-7.37 (m, 2H), 7.82 (d, *J*=4.4 Hz, 1H); MS, *m/e* 596 $(M+1)^+$
72	NH_2	n-Propyl-NH-	^{1}H NMR (DMSO-d_6) δ 0.84 (t, *J*=7.2 Hz, 3H), 1.01-1.01 (m, 3H), 1.09-1.12 (m, 3H), 1.51-1.56 (m, 2H), 3.48 (d, *J*=15.2 Hz, 3H), 3.79-3.82 (m, 1H), 4.04-4.05 (m, 1H), 4.27-4.38 (m, 3H), 5.72-5.79 (m, 1H), 5.98-6.04 (m, 4H), 7.13-7.20 (m, 3H), 7.26-7.32 (m, 2H), 7.76 (d, *J*=5.2 Hz, 1H); MS, *m/e* 582 $(M+1)^+$
73	NH_2	c-Butyl-NH-	^{1}H NMR (DMSO-d_6) δ 1.02-1.08 (m, 3H), 1.18 (d, *J*=4.8 Hz, 3H), 1.44-1.61 (m, 2H) , 2.02-2.17 (m, 4H), 3.51 (d, *J*=10.8 Hz, 3H), 3.78-3.83 (m, 1H), 4.03-4.06 (m, 1H), 4.27-4.38 (m, 2H), 4.53-4.62 (m, 1H), 5.68-5.79 (m, 1H), 5.95-6.04 (m, 4H), 7.11-7.18 (m, 3H), 7.29-7.35 (m, 2H), 7.51-7.58 (m, 1H), 7.78 (d, *J*=5.2 Hz, 1H); MS, *m/e* 594 $(M+1)^+$
74	NH_2		^{1}H NMR (DMSO-d_6) δ 0.97-1.20 (m, 6H), 2.18 (s, 3H), 2.19 (s, 4H), 3.43-3.47(m, 3H), 3.75 (s, 1H), 4.01-4.06 (m, 4 H), 4.22-4.35 (m, 3H), 5.69-5.75 (m, 1H), 5.98-6.05 (m, 3H), 7.09-7.15 (m, 3H), 7.25-7.29 (m, 2H), 7.77 (d, *J*=3.6 Hz, 1H); MS, *m/e* 623 $(M+1)^+$

Example numbers 75-80 are prepared using similar procedures disclosed for Example **66**, above.

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Example	R^{11}	R^{10}
75	H	n-propyl-NH-
76	H	c-Butyl-NH-
77	H	c-Pentyl-NH-
78	H	
79	H	
80	H	

EXAMPLE 81

Certain exemplified compounds were obtained as mixture of diastereomers because of the chirality at phosphorous. The diastereomers were separated on a Chiralpak-AS-H (2 X 25 cm) column under Supercritical Fluid Chromatography (SFC) conditions using 20% methanol in carbon dioxide as solvent. The absolute stereochemistry of the P-chiral center of the diastereromers were not determined. However, chromatographic resolution of these two diastereomers provides for isomers that are characterized as fast eluting and slow eluting isomers. Some examples are shown below.

Compound	EC90 (uM)
Example 15 (Diastereomeric mixture)	0.86
Fast Moving isomer of **Example 15**	1.35
Slow Moving isomer of **Example 15**	0.26

Compound	EC90 (uM)
Example 39 (Diastereomeric mixture)	0.47
Fast Moving isomer of **Example 39**	0.78
Slow Moving isomer of **Example 39**	0.02
Example 49 (Diastereomeric mixture)	0.126
Fast Moving isomer of **Example 49**	0.03
Slow Moving isomer of **Example 49**	5.78

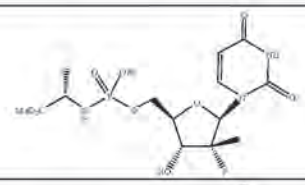
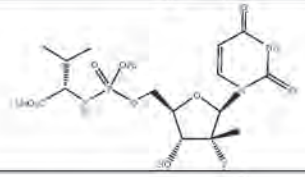
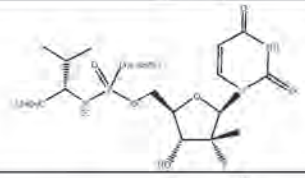
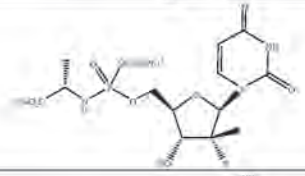
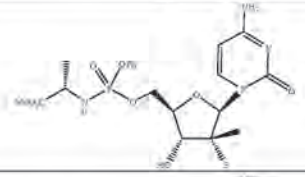
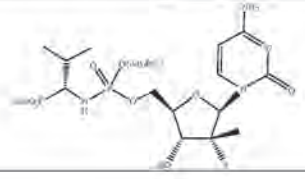
EXAMPLE 82

HCV replicon assay. HCV replicon RNA-containing Huh7 cells (clone A cells; Apath, LLC, St. Louis, Mo.) were kept at exponential growth in Dulbecco's modified Eagle's medium (high glucose) containing 10% fetal bovine serum, 4 mM L-glutamine and 1 mM sodium pyruvate, 1× nonessential amino acids, and G418 (1,000 μg/ml). Antiviral assays were performed in the same medium without G418. Cells were seeded in a 96-well plate at 1,500 cells per well, and test compounds were added immediately after seeding. Incubation time 4 days. At the end of the incubation step, total cellular RNA was isolated (RNeasy 96 kit; Qiagen). Replicon RNA and an internal control (TaqMan rRNA control reagents; Applied Biosystems) were amplified in a single-step multiplex RT-PCR protocol as recommended by the manufacturer. The HCV primers and probe were designed with Primer Express software (Applied Biosystems) and covered highly conserved 5′-untranslated region (UTR) sequences (sense, 5′-AGCCATGGCGTTAGTA(T)GAGTGT-3′, and antisense, 5′-TTCCGCAGACCACTATGG-3′; probe, 5′-FAM-CCTCCAGGACCCCCCCTCCC-TAMRA-3′).

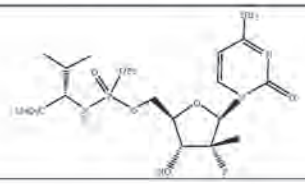
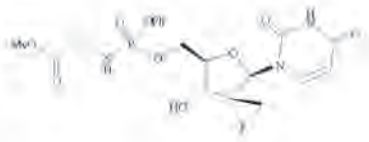
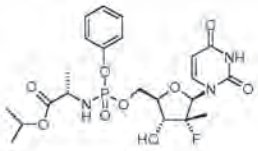
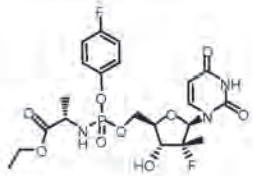
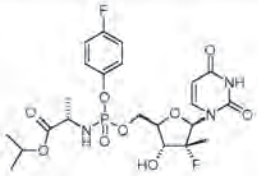
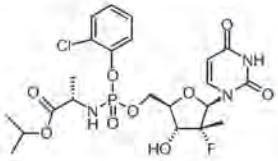
To express the antiviral effectiveness of a compound, the threshold RT-PCR cycle of the test compound was subtracted from the average threshold RT-PCR cycle of the no-drug control (ΔCt_{HCV}). A ΔCt of 3.3 equals a 1-log 10 reduction (equal to the 90%

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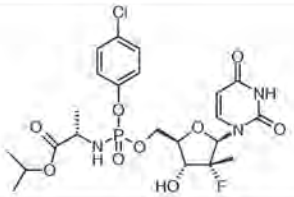
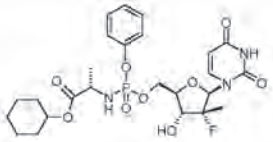
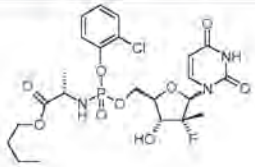
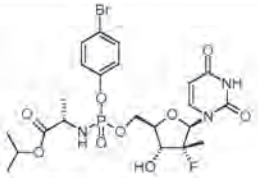
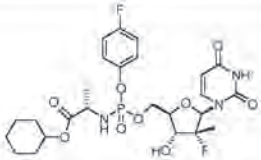
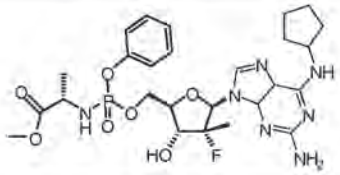
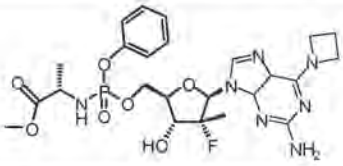
effective concentration [EC_{90}]) in replicon RNA levels. The cytotoxicity of the test compound could also be expressed by calculating the ΔCt_{rRNA} values. The $\Delta\Delta Ct$ specificity parameter could then be introduced ($\Delta Ct_{HCV} - \Delta Ct_{rRNA}$), in which the levels of HCV RNA are normalized for the rRNA levels and calibrated against the no-drug control.

Ex #	Compound	Log10 Reduction at 50μM	EC90 (μM)
5		-1.21	3.0
6		-0.45	ND
7		0.31	ND
8		-1.48	2.11
10		-1.25	19.15
11		-0.55	ND

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Ex #	Compound	Log10 Reduction at 50μM	EC90 (μM)
12		0.31	ND
15		ND	0.86
25		-2.22	0.39
27		-2.25	0.66
28		-2.16	0.75
36		-1.64	21.9

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Ex #	Compound	Log10 Reduction at 50μM	EC90 (μM)
39		-1.78	0.47
49		-2.69	0.126
53		-1.33	<0.3
54		-1.55	0.57
55		-2.38	<0.3
69		-2.25	< 0.3
70		-2.25	<0.3

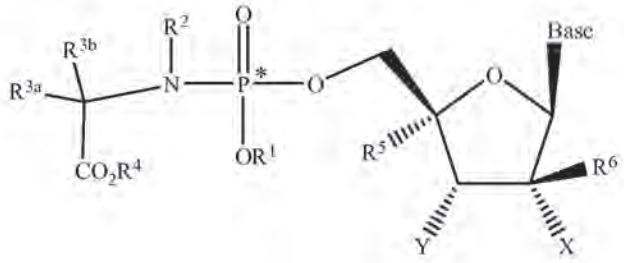
[1](4-BrPh): 4-bromo-phenyl.

The entire contents of U.S. Provisional Application Nos. 60/909,315, filed March 30, 2007, and 60/982,309, filed October 24, 2007, are hereby incorporated by reference in the present application so far as needed to supplement the present disclosure and/or rectify any errors. Moreover, the patent and non-patent references disclosed herein are incorporated by reference. In the event that the incorporated patent and non-patent reference contains a term that conflicts with a term disclosed in either one of the two Provisional Applications or the present application text, the meaning of the term contained in the present application text and the two Provisional Applications controls provided that the overall meaning of the incorporated subject matter is not lost.

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We claim:

1. A compound, its stereoisomer, salt, hydrate, solvate, or crystalline form thereof, represented by formula I:



I

wherein

(a) R^1 is hydrogen, n-alkyl; branched alkyl; cycloalkyl; or aryl, which includes, but is not limited to, phenyl or naphthyl, where phenyl or naphthyl are optionally substituted with at least one of C_{1-6} alkyl, C_{2-6} alkenyl, C_{2-6} alkynyl, C_{1-6} alkoxy, F, Cl, Br, I, nitro, cyano, C_{1-6} haloalkyl, $-N(R^{1'})_2$, C_{1-6} acylamino, $-NHSO_2C_{1-6}$ alkyl, $-SO_2N(R^{1'})_2$, $COR^{1''}$, and $-SO_2C_{1-6}$ alkyl; ($R^{1'}$ is independently hydrogen or alkyl, which includes, but is not limited to, C_{1-20} alkyl, C_{1-10} alkyl, or C_{1-6} alkyl, $R^{1''}$ is –OR' or $-N(R^{1'})_2$);

(b) R^2 is hydrogen, C_{1-10} alkyl, R^{3a} or R^{3b} and R^2 together are $(CH_2)_n$ so as to form a cyclic ring that includes the adjoining N and C atoms, $C(O)CR^{3a}R^{3b}NHR^1$, where n is 2 to 4 and R^1, R^{3a}, and R^{3b};

(c) R^{3a} and R^{3b} are (i) independently selected from hydrogen, C_{1-10} alkyl, cycloalkyl, $-(CH_2)_e(NR^{3'})_2$, C_{1-6} hydroxyalkyl, $-CH_2SH$, $-(CH_2)_2S(O)_dMe$, $-(CH_2)_3NHC(=NH)NH_2$, (1H-indol-3-yl)methyl, (1H-imidazol-4-yl)methyl, $-(CH_2)_eCOR^{3''}$, aryl and aryl C_{1-3} alkyl, said aryl groups optionally substituted with a group selected from hydroxyl, C_{1-10} alkyl, C_{1-6} alkoxy, halogen, nitro and cyano; (ii) R^{3a} and R^{3b} both are C_{1-6} alkyl; (iii) R^{3a} and R^{3b} together are$(CH_2)_f$ so as to form a spiro ring; (iv) R^{3a} is hydrogen and R^{3b} and R^2 together are $(CH_2)_n$ so as to form a cyclic ring that

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includes the adjoining N and C atoms (v) R^{3b} is hydrogen and R^{3a} and R^2 together are $(CH_2)_n$ so as to form a cyclic ring that includes the adjoining N and C atoms, where c is 1 to 6, d is 0 to 2, e is 0 to 3, f is 2 to 5, n is 2 to 4, and where $R^{3'}$ is independently hydrogen or C_{1-6} alkyl and $R^{3''}$ is -OR' or $-N(R^{3'})_2$); (vi) R^{3a} is H and R^{3b} is H, CH_3, CH_2CH_3, $CH(CH_3)_2$, $CH_2CH(CH_3)_2$, $CH(CH_3)CH_2CH_3$, CH_2Ph, CH_2-indol-3-yl, $-CH_2CH_2SCH_3$, CH_2CO_2H, $CH_2C(O)NH_2$, CH_2CH_2COOH, $CH_2CH_2C(O)NH_2$, $CH_2CH_2CH_2CH_2NH_2$, $-CH_2CH_2CH_2NHC(NH)NH_2$, CH_2-imidazol-4-yl, CH_2OH, $CH(OH)CH_3$, CH_2((4'-OH)-Ph), CH_2SH, or lower cycloalkyl; or (viii) R^{3a} is CH_3, $-CH_2CH_3$, $CH(CH_3)_2$, $CH_2CH(CH_3)_2$, $CH(CH_3)CH_2CH_3$, CH_2Ph, CH_2-indol-3-yl, $-CH_2CH_2SCH_3$, CH_2CO_2H, $CH_2C(O)NH_2$, CH_2CH_2COOH, $CH_2CH_2C(O)NH_2$, $CH_2CH_2CH_2CH_2NH_2$, $-CH_2CH_2CH_2NHC(NH)NH_2$, CH_2-imidazol-4-yl, CH_2OH, $CH(OH)CH_3$, CH_2((4'-OH)-Ph), CH_2SH, or lower cycloalkyl and R^{3b} is H, where $R^{3'}$ is independently hydrogen or alkyl, which includes, but is not limited to, C_{1-20} alkyl, C_{1-10} alkyl, or C_{1-6} alkyl, $R^{3''}$ is –OR' or $-N(R^{3'})_2$);

(d) R^4 is hydrogen, C_{1-10} alkyl, C_{1-10} alkyl optionally substituted with a lower alkyl, alkoxy, di(lower alkyl)-amino, or halogen, C_{1-10} haloalkyl, C_{3-10} cycloalkyl, cycloalkyl alkyl, cycloheteroalkyl, aminoacyl, aryl, such as phenyl, heteroaryl, such as, pyridinyl,substituted aryl, or substituted heteroaryl;

(e) R^5 is H, a lower alkyl, CN, vinyl, O-(lower alkyl), hydroxyl lower alkyl, i.e., $-(CH_2)_pOH$, where p is 1 -6, including hydroxyl methyl (CH_2OH), CH_2F, N_3, CH_2CN, CH_2NH_2, CH_2NHCH_3, $CH_2N(CH_3)_2$, alkyne (optionally substituted), or halogen, including F, Cl, Br, or I, with the provisos that when X is OH, base is cytosine and R^6 is H, R^5 cannot be N_3 and when X is OH, R^6 is CH_3 or CH_2F and B is a purine base, R^5 cannot be H;

(f) R^6 is H, CH_3, CH_2F, CHF_2, CF_3, F, or CN;

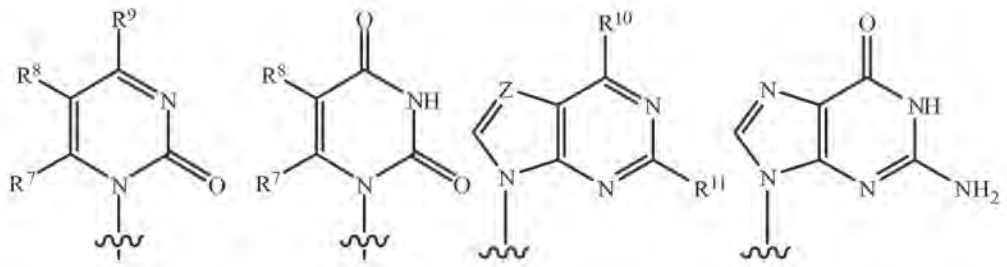
(g) X is H, OH, F, OMe, halogen, NH_2, or N_3;

(h) Y is OH, H, C_{1-4} alkyl, C_{2-4} alkenyl, C_{2-4} alkynyl, vinyl, N_3, CN, Cl, Br, F, I, NO_2, $OC(O)O(C_{1-4}$ alkyl), $OC(O)O(C_{1-4}$ alkyl), $OC(O)O(C_{2-4}$ alkynyl), $OC(O)O(C_{2-4}$

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alkenyl), OC_{1-10} haloalkyl, O(aminoacyl), $O(C_{1-10}$ acyl), $O(C_{1-4}$ alkyl), $O(C_{2-4}$ alkenyl), $S(C_{1-4}$ acyl), $S(C_{1-4}$ alkyl), $S(C_{2-4}$ alkynyl), $S(C_{2-4}$ alkenyl), $SO(C_{1-4}$ acyl), $SO(C_{1-4}$ alkyl), $SO(C_{2-4}$ alkynyl), $SO(C_{2-4}$ alkenyl), $SO_2(C_{1-4}$ acyl), $SO_2(C_{1-4}$ alkyl), $SO_2(C_{2-4}$ alkynyl), $SO_2(C_{2-4}$ alkenyl), $OS(O)_2(C_{1-4}$ acyl), $OS(O)_2(C_{1-4}$ alkyl), $OS(O)_2(C_{2-4}$ alkenyl), NH_2, $NH(C_{1-4}$ alkyl), $NH(C_{2-4}$ alkenyl), $NH(C_{2-4}$ alkynyl), $NH(C_{1-4}$ acyl), $N(C_{1-4}$ alkyl)$_2$, $N(C_{1-18}$ acyl)$_2$, wherein alkyl, alkynyl, alkenyl and vinyl are optionally substituted by N_3, CN, one to three halogen (Cl, Br, F, I), NO_2, $C(O)O(C_{1-4}$ alkyl), $C(O)O(C_{1-4}$ alkyl), $C(O)O(C_{2-4}$ alkynyl), $C(O)O(C_{2-4}$ alkenyl), $O(C_{1-4}$ acyl), $O(C_{1-4}$ alkyl), $O(C_{2-4}$ alkenyl), $S(C_{1-4}$ acyl), $S(C_{1-4}$ alkyl), $S(C_{2-4}$ alkynyl), $S(C_{2-4}$ alkenyl), $SO(C_{1-4}$ acyl), $SO(C_{1-4}$ alkyl), $SO(C_{2-4}$ alkynyl), $SO(C_{2-4}$ alkenyl), $SO_2(C_{1-4}$ acyl), $SO_2(C_{1-4}$ alkyl), $SO_2(C_{2-4}$ alkynyl), $SO_2(C_{2-4}$ alkenyl), $OS(O)_2(C_{1-4}$ acyl), $OS(O)_2(C_{1-4}$ alkyl), $OS(O)_2(C_{2-4}$ alkenyl), NH_2, $NH(C_{1-4}$ alkyl), $NH(C_{2-4}$ alkenyl), $NH(C_{2-4}$ alkynyl), $NH(C_{1-4}$ acyl), $N(C_{1-4}$ alkyl)$_2$, $N(C_{1-4}$ acyl)$_2$;

the base is a naturally occurring or modified purine or pyrimidine base represented by the following structures:



a **b** **c** **d**

wherein

Z is N or CR^{12};

R^7, R^8,R^9, R^{10}, and $R^{11}$are independently H, F, Cl, Br, I, OH, OR', SH, SR', NH_2, NHR', NR'$_2$, lower alkyl of C_1-C_6, halogenated (F, Cl, Br, I) lower alkyl of C_1-C_6, lower alkenyl of C_2-C_6, halogenated (F, Cl, Br, I) lower alkenyl of C_2-C_6, lower alkynyl of C_2-

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C_6 such as C≡CH, halogenated (F, Cl, Br, I) lower alkynyl of C_2-C_6, lower alkoxy of C_1-C_6, halogenated (F, Cl, Br, I) lower alkoxy of C_1-C_6, CO_2H, CO_2R', $CONH_2$, CONHR', $CONR'_2$, $CH=CHCO_2H$, or $CH=CHCO_2R'$,

wherein R' is an optionally substituted alkyl , which includes, but is not limited to, an optionally substituted C_{1-20} alkyl, an optionally substituted C_{1-10} alkyl, an optionally substituted lower alkyl; an optionally substituted cycloalkyl; an optionally substituted alkynyl of C_2-C_6, an optionally substituted lower alkenyl of C_2-C_6, or optionally substituted acyl, which includes but is not limited to C(O) alkyl, C(O)(C_{1-20} alkyl), C(O)(C_{1-10} alkyl), or C(O)(lower alkyl) or alternatively, in the instance of NR'_2, each R' comprise at least one C atom that are joined to form a heterocycle comprising at least two carbon atoms; and

R^{12} is an H, halogen (including F, Cl, Br, I), OH, OR', SH, SR', NH_2, NHR', NR'_2, NO_2 lower alkyl of C_1-C_6, halogenated (F, Cl, Br, I) lower alkyl of C_1-C_6, lower alkenyl of C_2-C_6, halogenated (F, Cl, Br, I) lower alkenyl of C_2-C_6 , lower alkynyl of C_2-C_6, halogenated (F, Cl, Br, I) lower alkynyl of C_2-C_6, lower alkoxy of C_1-C_6, halogenated (F, Cl, Br, I) lower alkoxy of C_1-C_6, CO_2H, CO_2R', $CONH_2$, CONHR', $CONR'_2$, $CH=CHCO_2H$, or $CH=CHCO_2R'$; with the proviso that when base is represented by the structure c with R^{11} being hydrogen, R^{12} is not a: (i) –C≡C–H, (ii) $–C=CH_2$, or (iii) $–NO_2$.

2. A compound its stereoisomer, salt, hydrate, solvate, or crystalline form thereof selected from among

5 2'-Deoxy-2'-fluoro-2'-*C*-methyluridine 5'-(phenyl methoxy-alanyl phosphate ((S)-2-{[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-propionic acid methyl ester);

6 2'-Deoxy-2'-fluoro-2'-*C*-methyluridine 5'-(phenyl methoxy-valyl phosphate ((S)-2-{[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-3-methyl-butyric acid methyl ester;

7 2'-Deoxy-2'-fluoro-2'-*C*-methyluridine 5'-(4-bromophenyl methoxy-valyl phosphate ((S)-2-{(4-bromo-phenoxy)-[(2R,3R,4R,5R)-5-(2,4-dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phosphorylamino}-3-methyl-butyric acid methyl ester);

8 2'-Deoxy-2'-fluoro-2'-*C*-methyluridine 5'-(4-bromophenyl methoxy-alanyl phosphate (((S)-2-{(4-bromo-phenoxy)-[(2R,3R,4R,5R)-5-(2,4-dioxo-3,4-dihydro-2H-

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pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phosphorylamino}-propionic acid methyl ester);

9 N^4-(*N,N*-dimethylformamidinyl)-2'-deoxy-2'-fluoro-2'-*C*-methylcytidine;

10 2'-Deoxy-2'-fluoro-2'-*C*-methylcytidine 5'-(phenyl methoxy-alanyl phosphate (((S)-2-{[(2R,3R,4R,5R)-5-(2-oxo-3-amino-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenyoxy-phosphorylamino}-propionic acid methyl ester);

11 2'-Deoxy-2'-fluoro-2'-*C*-methylcytidine 5'-(4-bromophenyl methoxy-valyl phosphate (2'-Deoxy-2'-fluoro-2'-*C*-methyluridine 5'-(4-bromophenyl methoxy-valyl phosphate ((S)-2-{(4-bromo-phenoxy)-[(2R,3R,4R,5R)-5-(2-oxo-3-amino-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phosphorylamino}-3-methyl-butyric acid methyl ester);

12 2'-deoxy-2'-fluoro-2'-*C*-methylcytidine 5'-(phenyl methoxy-valyl phosphate ((S)-2-{[(2R,3R,4R,5R)-5-(2-oxo-3-amino-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-3-methyl-butyric acid methyl ester;

13 (S)-2-{[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-propionic acid ethyl ester;

14 (S)-2-[[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-(naphthalen-1-yloxy)-phosphorylamino]-propionic acid benzyl ester;

15 {[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-acetic acid methyl ester;

16 (S)-2-{(2,4-Dichloro-phenoxy)-[(2R,3R,4R,5R)-5-(2,4-dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phosphorylamino}-propionic acid methyl ester;

17 (S)-2-[[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-(naphthalen-1-yloxy)-phosphorylamino]-propionic acid methyl ester;

18 (S)-1-{[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphoryl}-pyrrolidine-2-carboxylic acid methyl ester;

19 (S)-2-{[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-propionic acid butyl ester;

20 (S)-2-{[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-propionic acid benzyl ester;

21 (S)-2-[[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-(4-fluoro-phenoxy)-phosphorylamino]-propionic acid methyl ester;

22 (S)-2-{(4-Chloro-phenoxy)-[(2R,3R,4R,5R)-5-(2,4-dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phosphorylamino}-propionic acid methyl ester;

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23 (S)-2-{(3,4-Dichloro-phenoxy)-[(2R,3R,4R,5R)-5-(2,4-dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phosphorylamino}-propionic acid methyl ester;

24 (S)-2-{[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-propionic acid sec-butyl ester;

25 (S)-2-{[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-propionic acid isopropyl ester;

26 (S)-2-[[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-(4-methoxy-phenoxy)-phosphorylamino]-propionic acid butyl ester;

27 (S)-2-[[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-(4-fluoro-phenoxy)-phosphorylamino]-propionic acid ethyl ester;

28 (S)-2-[[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-(4-fluoro-phenoxy)-phosphorylamino]-propionic acid isopropyl ester;

29 (S)-2-[[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-(4-fluoro-phenoxy)-phosphorylamino]-propionic acid benzyl ester;

30 (S)-2-[[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-(4-methoxy-phenoxy)-phosphorylamino]-propionic acid isopropyl ester;

31 (S)-2-{(2-Chloro-phenoxy)-[(2R,3R,4R,5R)-5-(2,4-dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phosphorylamino}-propionic acid benzyl ester;

32 (S)-2-{(2,4-Dichloro-phenoxy)-[(2R,3R,4R,5R)-5-(2,4-dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phosphorylamino}-propionic acid butyl ester;

33 (S)-2-{[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-p-tolyloxy-phosphorylamino}-propionic acid isopropyl ester;

34 (S)-2-[[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-(4-fluoro-phenoxy)-phosphorylamino]-propionic acid butyl ester;

35 (S)-2-{(3,4-Dichloro-phenoxy)-[(2R,3R,4R,5R)-5-(2,4-dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phosphorylamino}-propionic acid ethyl ester;

36 (S)-2-{(2-Chloro-phenoxy)-[(2R,3R,4R,5R)-5-(2,4-dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phosphorylamino}-propionic acid isopropyl ester;

37 (S)-2-[[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-(4-methoxy-phenoxy)-phosphorylamino]-propionic acid benzyl ester;

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38 (S)-2-{[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-propionic acid pentyl ester;

39 (S)-2-{(4-Chloro-phenoxy)-[(2R,3R,4R,5R)-5-(2,4-dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phosphorylamino}-propionic acid isopropyl ester;

40 (S)-2-{(4-Chloro-phenoxy)-[(2R,3R,4R,5R)-5-(2,4-dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phosphorylamino}-propionic acid butyl ester;

41 (S)-2-{(4-Chloro-phenoxy)-[(2R,3R,4R,5R)-5-(2,4-dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phosphorylamino}-propionic acid ethyl ester;

42 (S)-2-{[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-p-tolyloxy-phosphorylamino}-propionic acid butyl ester;

43 (S)-2-{[(2R,3R,4R,5R)-5-(2,4-Dioxo- 3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-p-tolyloxy-phosphorylamino}-propionic acid benzyl ester;

44 (S)-2-{[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-butyric acid methyl ester;

45 (S)-2-{[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-propionic acid 4-fluoro-benzyl ester;

46 (S)-2-{(2-Chloro-phenoxy)-[(2R,3R,4R,5R)-5-(2,4-dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phosphorylamino}-propionic acid butyl ester;

47 (S)-2-{[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-propionic acid 3-methyl-butyl ester;

48 (S)-2-{(2,4-Dichloro-phenoxy)-[(2R,3R,4R,5R)-5-(2,4-dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phosphorylamino}-propionic acid ethyl ester;

49 (S)-2-{[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-propionic acid cyclohexyl ester;

50 (R)-2-{[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-propionic acid butyl ester;

51 (R)-2-{[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-propionic acid isopropyl ester;

52 (R)-2-{[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-propionic acid benzyl ester;

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53 (S)-2-{(2-Chloro-phenoxy)-[(2R,3R,4R,5R)-5-(2,4-dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phosphorylamino}-propionic acid butyl ester;

54 (S)-2-{(4-Bromo-phenoxy)-[(2R,3R,4R,5R)-5-(2,4-dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phosphorylamino}-propionic acid isopropyl ester;

55 (S)-2-[[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-(4-fluoro-phenoxy)-phosphorylamino]-propionic acid cyclohexyl ester;

56 (S)-2-[[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-(4-bromo-phenoxy)-phosphorylamino]-propionic acid cyclohexyl ester;

57 (S)-2-{[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-butyric acid isopropyl ester;

58 (S)-2-{[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-butyric acid cyclohexyl ester;

59 (S)-2-[[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-(4-fluoro-phenoxy)-phosphorylamino]-butyric acid cyclohexyl ester;

60 (S)-2-{(4-Chloro-phenoxy)-[(2R,3R,4 R,5R)-5-(2,4-dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phosphorylamino}-butyric acid isopropyl ester;

61 (S)-2-{[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-propionic acid 2,2-difluoro-ethyl ester;

62 (S)-2-{[(2R,3R,4R,5R)-5-(2,4-Dioxo- 3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-propionic acid 2,2,2-trifluoro-1-trifluoromethyl-ethyl ester;

63 (S)-2-{[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-propionic acid 2-fluoro-1-fluoromethyl-ethyl ester;

64 (S)-2-{[(2R,3R,4R,5R)-5-(2,4-Dioxo- 3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-propionic acid cyclopropyl methyl ester;

65 (S)-2-{[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-butyric acid cyclopentyl ester;

66 (S)-2-{[(2R,3R,4R,5R)-5-(6-Amino-purin-9-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-propionic acid methyl ester;

67 (S)-2-{[(2R,3R,4R,5R)-5-(2-Amino-6-hydroxy-purin-9-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-propionic acid methyl ester;

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68 (S)-2-{(R)-[(2R,3R,4R,5R)-5-(2,6-Diamino-purin-9-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-propionic acid methyl ester;

69 (S)-2-{[(2R,3R,4R,5R)-5-(2-Amino-6-cyclopentylamino-purin-9-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-propionic acid methyl ester;

70 (S)-2-{[(2R,3R,4R,5R)-5-(2-Amino-6-azetidin-1-yl-purin-9-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-propionic acid methyl ester;

71 (S)-2-{[(2R,3R,4R,5R)-5-(2-Amino-6-diethylamino-purin-9-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-propionic acid methyl ester;

72 (S)-2-{[(2R,3R,4R,5R)-5-(2-Amino-6-propylamino-purin-9-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-propionic acid methyl ester;

73 (S)-2-{[(2R,3R,4R,5R)-5-(2-Amino-6-cyclobutylamino-purin-9-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-propionic acid methyl ester;

74 (S)-2-({(2R,3R,4R,5R)-5-[2-Amino-6-(4-methyl-piperazin-1-yl)-purin-9-yl]-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy}-phenoxy-phosphorylamino)-propionic acid methyl ester;

75 (2S)-methyl 2-((((2R,3R,4R,5R)-4-fluoro-3-hydroxy-4-methyl-5-(6-(propylamino)-9H-purin-9-yl)tetrahydrofuran-2-yl)methoxy)(phenoxy)phosphorylamino)propanoate;

76 (2S)-methyl 2-((((2R,3R,4R,5R)-5-(6-(cyclobutylamino)-9H-purin-9-yl)-4-fluoro-3-hydroxy-4-methyltetrahydrofuran-2-yl)methoxy)(phenoxy)phosphorylamino)propanoate;

77 (2S)-methyl 2-((((2R,3R,4R,5R)-5-(6-(cyclopentylamino)-9H-purin-9-yl)-4-fluoro-3-hydroxy-4-methyltetrahydrofuran-2-yl)methoxy)(phenoxy)phosphorylamino)propanoate;

78 (2S)-methyl 2-((((2R,3R,4R,5R)-5-(6-(aziridin-1-yl)-9H-purin-9-yl)-4-fluoro-3-hydroxy-4-methyltetrahydrofuran-2-yl)methoxy)(phenoxy)phosphorylamino)propanoate;

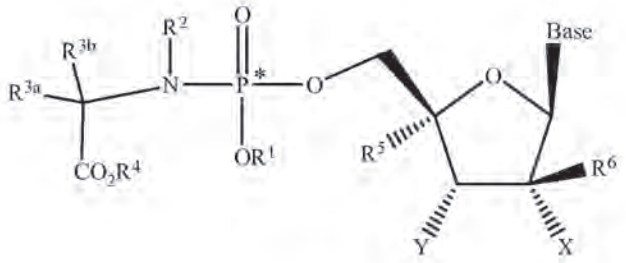
79 (2S)-methyl 2-((((2R,3R,4R,5R)-4-fluoro-3-hydroxy-4-methyl-5-(6-(piperidin-1-yl)-9H-purin-9-yl)tetrahydrofuran-2-yl)methoxy)(phenoxy)phosphorylamino)propanoate; and

80 (2S)-methyl 2-((((2R,3R,4R,5R)-5-(6-(azetidin-1-yl)-9H-purin-9-yl)-4-fluoro-3-hydroxy-4-methyltetrahydrofuran-2-yl)methoxy)(phenoxy)phosphorylamino)propanoate.

3. A composition for the treatment and/or prophylaxis of any of the viral agents disclosed herein said composition comprising a pharmaceutically acceptable medium selected from among an excipient, carrier, diluent, and equivalent medium and a compound, its stereoisomer, salt, hydrate, solvate, or crystalline form thereof, represented

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by formula I:



I

wherein

(a) R^1 is hydrogen, n-alkyl; branched alkyl; cycloalkyl; or aryl, which includes, but is not limited to, phenyl or naphthyl, where phenyl or naphthyl are optionally substituted with at least one of C_{1-6} alkyl, C_{2-6} alkenyl, C_{2-6} alkynyl, C_{1-6} alkoxy, F, Cl, Br, I, nitro, cyano, C_{1-6} haloalkyl, $-N(R^{1'})_2$, C_{1-6} acylamino, $-NHSO_2C_{1-6}$ alkyl, $-SO_2N(R^{1'})_2$, $COR^{1''}$, and $-SO_2C_{1-6}$ alkyl; ($R^{1'}$ is independently hydrogen or alkyl, which includes, but is not limited to, C_{1-20} alkyl, C_{1-10} alkyl, or C_{1-6} alkyl, $R^{1''}$ is –OR' or $-N(R^{1'})_2$);

(b) R^2 is hydrogen, C_{1-10} alkyl, R^{3a} or R^{3b} and R^2 together are $(CH_2)_n$ so as to form a cyclic ring that includes the adjoining N and C atoms, $C(O)CR^{3a}R^{3b}NHR^1$, where n is 2 to 4 and R^1, R^{3a}, and R^{3b};

(c) R^{3a} and R^{3b} are (i) independently selected from hydrogen, C_{1-10} alkyl, cycloalkyl, $-(CH_2)_c(NR^{3'})_2$, C_{1-6} hydroxyalkyl, $-CH_2SH$, $-(CH_2)_2S(O)_dMe$, $-(CH_2)_3NHC(=NH)NH_2$, (1H-indol-3-yl)methyl, (1H-imidazol-4-yl)methyl, $-(CH_2)_eCOR^{3''}$, aryl and aryl C_{1-3} alkyl, said aryl groups optionally substituted with a group selected from hydroxyl, C_{1-10} alkyl, C_{1-6} alkoxy, halogen, nitro and cyano; (ii) R^{3a} and R^{3b} both are C_{1-6} alkyl; (iii) R^{3a} and R^{3b} together are$(CH_2)_f$ so as to form a spiro ring; (iv) R^{3a} is hydrogen and R^{3b} and R^2 together are $(CH_2)_n$ so as to form a cyclic ring that includes the adjoining N and C atoms (v) R^{3b} is hydrogen and R^{3a} and R^2 together are $(CH_2)_n$ so as to form a cyclic ring that includes the adjoining N and C atoms, where c is 1

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to 6, d is 0 to 2, e is 0 to 3, f is 2 to 5, n is 2 to 4, and where $R^{3'}$ is independently hydrogen or C_{1-6} alkyl and $R^{3''}$ is -OR' or $-N(R^{3'})_2$); (vi) R^{3a} is H and R^{3b} is H, CH_3, CH_2CH_3, $CH(CH_3)_2$, $CH_2CH(CH_3)_2$, $CH(CH_3)CH_2CH_3$, CH_2Ph, CH_2-indol-3-yl, $-CH_2CH_2SCH_3$, CH_2CO_2H, $CH_2C(O)NH_2$, CH_2CH_2COOH, $CH_2CH_2C(O)NH_2$, $CH_2CH_2CH_2CH_2NH_2$, $-CH_2CH_2CH_2NHC(NH)NH_2$, CH_2-imidazol-4-yl, CH_2OH, $CH(OH)CH_3$, CH_2((4'-OH)-Ph), CH_2SH, or lower cycloalkyl; or (viii) R^{3a} is CH_3, $-CH_2CH_3$, $CH(CH_3)_2$, $CH_2CH(CH_3)_2$, $CH(CH_3)CH_2CH_3$, CH_2Ph, CH_2-indol-3-yl, $-CH_2CH_2SCH_3$, CH_2CO_2H, $CH_2C(O)NH_2$, CH_2CH_2COOH, $CH_2CH_2C(O)NH_2$, $CH_2CH_2CH_2CH_2NH_2$, $-CH_2CH_2CH_2NHC(NH)NH_2$, CH_2-imidazol-4-yl, CH_2OH, $CH(OH)CH_3$, CH_2((4'-OH)-Ph), CH_2SH, or lower cycloalkyl and R^{3b} is H, where $R^{3'}$ is independently hydrogen or alkyl, which includes, but is not limited to, C_{1-20} alkyl, C_{1-10} alkyl, or C_{1-6} alkyl, $R^{3''}$ is –OR' or $-N(R^{3'})_2$);

(d) R^4 is hydrogen, C_{1-10} alkyl, C_{1-10} alkyl optionally substituted with a lower alkyl, alkoxy, di(lower alkyl)-amino, or halogen, C_{1-10} haloalkyl, C_{3-10} cycloalkyl, cycloalkyl alkyl, cycloheteroalkyl, aminoacyl, aryl, such as phenyl, heteroaryl, such as, pyridinyl, substituted aryl, or substituted heteroaryl;

(e) R^5 is H, a lower alkyl, CN, vinyl, O-(lower alkyl), hydroxyl lower alkyl, i.e., $-(CH_2)_pOH$, where p is 1 -6, including hydroxyl methyl (CH_2OH), CH_2F, N_3, CH_2CN, CH_2NH_2, CH_2NHCH_3, $CH_2N(CH_3)_2$, alkyne (optionally substituted), or halogen, including F, Cl, Br, or I, with the provisos that when X is OH, base is cytosine and R^6 is H, R^5 cannot be N_3 and when X is OH, R^6 is CH_3 or CH_2F and B is a purine base, R^5 cannot be H;

(f) R^6 is H, CH_3, CH_2F, CHF_2, CF_3, F, or CN;

(g) X is H, OH, F, OMe, halogen, NH_2, or N_3;

(h) Y is OH, H, C_{1-4} alkyl, C_{2-4} alkenyl, C_{2-4} alkynyl, vinyl, N_3, CN, Cl, Br, F, I, NO_2, $OC(O)O(C_{1-4}$ alkyl), $OC(O)O(C_{1-4}$ alkyl), $OC(O)O(C_{2-4}$ alkynyl), $OC(O)O(C_{2-4}$ alkenyl), OC_{1-10} haloalkyl, O(aminoacyl), $O(C_{1-10}$ acyl), $O(C_{1-4}$ alkyl), $O(C_{2-4}$ alkenyl), $S(C_{1-4}$ acyl), $S(C_{1-4}$ alkyl), $S(C_{2-4}$ alkynyl), $S(C_{2-4}$ alkenyl), $SO(C_{1-4}$ acyl), $SO(C_{1-4}$ alkyl),

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$SO(C_{2-4}$ alkynyl), $SO(C_{2-4}$ alkenyl), $SO_2(C_{1-4}$ acyl), $SO_2(C_{1-4}$ alkyl), $SO_2(C_{2-4}$ alkynyl), $SO_2(C_{2-4}$ alkenyl), $OS(O)_2(C_{1-4}$ acyl), $OS(O)_2(C_{1-4}$ alkyl), $OS(O)_2(C_{2-4}$ alkenyl), NH_2, $NH(C_{1-4}$ alkyl), $NH(C_{2-4}$ alkenyl), $NH(C_{2-4}$ alkynyl), $NH(C_{1-4}$ acyl), $N(C_{1-4}$ alkyl)$_2$, $N(C_{1-18}$ acyl)$_2$, wherein alkyl, alkynyl, alkenyl and vinyl are optionally substituted by N_3, CN, one to three halogen (Cl, Br, F, I), NO_2, $C(O)O(C_{1-4}$ alkyl), $C(O)O(C_{1-4}$ alkyl), $C(O)O(C_{2-4}$ alkynyl), $C(O)O(C_{2-4}$ alkenyl), $O(C_{1-4}$ acyl), $O(C_{1-4}$ alkyl), $O(C_{2-4}$ alkenyl), $S(C_{1-4}$ acyl), $S(C_{1-4}$ alkyl), $S(C_{2-4}$ alkynyl), $S(C_{2-4}$ alkenyl), $SO(C_{1-4}$ acyl), $SO(C_{1-4}$ alkyl), $SO(C_{2-4}$ alkynyl), $SO(C_{2-4}$ alkenyl), $SO_2(C_{1-4}$ acyl), $SO_2(C_{1-4}$ alkyl), $SO_2(C_{2-4}$ alkynyl), $SO_2(C_{2-4}$ alkenyl), $OS(O)_2(C_{1-4}$ acyl), $OS(O)_2(C_{1-4}$ alkyl), $OS(O)_2(C_{2-4}$ alkenyl), NH_2, $NH(C_{1-4}$ alkyl), $NH(C_{2-4}$ alkenyl), $NH(C_{2-4}$ alkynyl), $NH(C_{1-4}$ acyl), $N(C_{1-4}$ alkyl)$_2$, $N(C_{1-4}$ acyl)$_2$;

the base is a naturally occurring or modified purine or pyrimidine base represented by the following structures:



a **b** **c** **d**

wherein

Z is N or CR^{12};

R^7, R^8,R^9, R^{10}, and $R^{11}$are independently H, F, Cl, Br, I, OH, OR', SH, SR', NH_2, NHR', NR'$_2$, lower alkyl of C_1-C_6, halogenated (F, Cl, Br, I) lower alkyl of C_1-C_6, lower alkenyl of C_2-C_6, halogenated (F, Cl, Br, I) lower alkenyl of C_2-C_6, lower alkynyl of C_2-C_6 such as C≡CH, halogenated (F, Cl, Br, I) lower alkynyl of C_2-C_6, lower alkoxy of C_1-

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C_6, halogenated (F, Cl, Br, I) lower alkoxy of C_1-C_6, CO_2H, CO_2R', $CONH_2$, $CONHR'$, $CONR'_2$, $CH=CHCO_2H$, or $CH=CHCO_2R'$,

wherein R' is an optionally substituted alkyl , which includes, but is not limited to, an optionally substituted C_{1-20} alkyl, an optionally substituted C_{1-10} alkyl, an optionally substituted lower alkyl; an optionally substituted cycloalkyl; an optionally substituted alkynyl of C_2-C_6, an optionally substituted lower alkenyl of C_2-C_6, or optionally substituted acyl, which includes but is not limited to C(O) alkyl, C(O)(C_{1-20} alkyl), C(O)(C_{1-10} alkyl), or C(O)(lower alkyl) or alternatively, in the instance of NR'_2, each R' comprise at least one C atom that are joined to form a heterocycle comprising at least two carbon atoms; and

R^{12} is an H, halogen (including F, Cl, Br, I), OH, OR', SH, SR', NH_2, NHR', NR'_2, NO_2 lower alkyl of C_1-C_6, halogenated (F, Cl, Br, I) lower alkyl of C_1-C_6, lower alkenyl of C_2-C_6, halogenated (F, Cl, Br, I) lower alkenyl of C_2-C_6 , lower alkynyl of C_2-C_6, halogenated (F, Cl, Br, I) lower alkynyl of C_2-C_6, lower alkoxy of C_1-C_6, halogenated (F, Cl, Br, I) lower alkoxy of C_1-C_6, CO_2H, CO_2R', $CONH_2$, $CONHR'$, $CONR'_2$, $CH=CHCO_2H$, or $CH=CHCO_2R'$; with the proviso that when base is represented by the structure c with R^{11} being hydrogen, R^{12} is not a: (i) $-C\equiv C-H$, (ii) $-C=CH_2$, or (iii) $-NO_2$.

4. A composition for the treatment and/or prophylaxis of any of the viral agents disclosed herein said composition comprising a pharmaceutically acceptable medium selected from among an excipient, carrier, diluent, and equivalent medium and a compound, its stereoisomer, salt, hydrate, solvate, or crystalline form thereof, selected from among

5 2'-Deoxy-2'-fluoro-2'-*C*-methyluridine 5'-(phenyl methoxy-alanyl phosphate ((S)-2-{[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-propionic acid methyl ester);

6 2'-Deoxy-2'-fluoro-2'-*C*-methyluridine 5'-(phenyl methoxy-valyl phosphate ((S)-2-{[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-3-methyl-butyric acid methyl ester;

7 2'-Deoxy-2'-fluoro-2'-*C*-methyluridine 5'-(4-bromophenyl methoxy-valyl phosphate ((S)-2-{(4-bromo-phenoxy)-[(2R,3R,4R,5R)-5-(2,4-dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phosphorylamino}-3-methyl-butyric acid methyl ester);

8 2'-Deoxy-2'-fluoro-2'-*C*-methyluridine 5'-(4-bromophenyl methoxy-alanyl phosphate (((S)-2-{(4-bromo-phenoxy)-[(2R,3R,4R,5R)-5-(2,4-dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phosphorylamino}-propionic acid methyl ester);

9 N^4-(*N,N*-dimethylformamidinyl)-2'-deoxy-2'-fluoro-2'-*C*-methylcytidine;

10 2'-Deoxy-2'-fluoro-2'-C-methylcytidine 5'-(phenyl methoxy-alanyl phosphate (((S)-2-{[(2R,3R,4R,5R)-5-(2-oxo-3-amino-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenyoxy-phosphorylamino}-propionic acid methyl ester);

11 2'-Deoxy-2'-fluoro-2'-*C*-methylcytidine 5'-(4-bromophenyl methoxy-valyl phosphate (2'-Deoxy-2'-fluoro-2'-*C*-methyluridine 5'-(4-bromophenyl methoxy-valyl phosphate ((S)-2-{(4-bromo-phenoxy)-[(2R,3R,4R,5R)-5-(2-oxo-3-amino-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phosphorylamino}-3-methyl-butyric acid methyl ester);

12 2'-deoxy-2'-fluoro-2'-*C*-methylcytidine 5'-(phenyl methoxy-valyl phosphate ((S)-2-{[(2R,3R,4R,5R)-5-(2-oxo-3-amino-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-3-methyl-butyric acid methyl ester;

13 (S)-2-{[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-propionic acid ethyl ester;

14 (S)-2-[[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-(naphthalen-1-yloxy)-phosphorylamino]-propionic acid benzyl ester;

15 {[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-acetic acid methyl ester;

16 (S)-2-{(2,4-Dichloro-phenoxy)-[(2R,3R,4R,5R)-5-(2,4-dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phosphorylamino}-propionic acid methyl ester;

17 (S)-2-[[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-(naphthalen-1-yloxy)-phosphorylamino]-propionic acid methyl ester;

18 (S)-1-{[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphoryl}-pyrrolidine-2-carboxylic acid methyl ester;

19 (S)-2-{[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-propionic acid butyl ester;

20 (S)-2-{[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-propionic acid benzyl ester;

21 (S)-2-[[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-(4-fluoro-phenoxy)-phosphorylamino]-propionic acid methyl ester;

22 (S)-2-{(4-Chloro-phenoxy)-[(2R,3R,4R,5R)-5-(2,4-dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phosphorylamino}-propionic acid methyl ester;

23 (S)-2-{(3,4-Dichloro-phenoxy)-[(2R,3R,4R,5R)-5-(2,4-dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phosphorylamino}-propionic acid methyl ester;

24 (S)-2-{[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-propionic acid sec-butyl ester;

25 (S)-2-{[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-propionic acid isopropyl ester;

26 (S)-2-[[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-(4-methoxy-phenoxy)-phosphorylamino]-propionic acid butyl ester;

27 (S)-2-[[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-(4-fluoro-phenoxy)-phosphorylamino]-propionic acid ethyl ester;

28 (S)-2-[[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-(4-fluoro-phenoxy)-phosphorylamino]-propionic acid isopropyl ester;

29 (S)-2-[[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-(4-fluoro-phenoxy)-phosphorylamino]-propionic acid benzyl ester;

30 (S)-2-[[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-(4-methoxy-phenoxy)-phosphorylamino]-propionic acid isopropyl ester;

31 (S)-2-{(2-Chloro-phenoxy)-[(2R,3R,4R,5R)-5-(2,4-dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phosphorylamino}-propionic acid benzyl ester;

32 (S)-2-{(2,4-Dichloro-phenoxy)-[(2R,3R,4R,5R)-5-(2,4-dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phosphorylamino}-propionic acid butyl ester;

33 (S)-2-{[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-p-tolyloxy-phosphorylamino}-propionic acid isopropyl ester;

34 (S)-2-[[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-(4-fluoro-phenoxy)-phosphorylamino]-propionic acid butyl ester;

35 (S)-2-{(3,4-Dichloro-phenoxy)-[(2R,3R,4R,5R)-5-(2,4-dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phosphorylamino}-propionic acid ethyl ester;

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36 (S)-2-{(2-Chloro-phenoxy)-[(2R,3R,4R,5R)-5-(2,4-dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phosphorylamino}-propionic acid isopropyl ester;

37 (S)-2-[[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-(4-methoxy-phenoxy)-phosphorylamino]-propionic acid benzyl ester;

38 (S)-2-{[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-propionic acid pentyl ester;

39 (S)-2-{(4-Chloro-phenoxy)-[(2R,3R,4R,5R)-5-(2,4-dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phosphorylamino}-propionic acid isopropyl ester;

40 (S)-2-{(4-Chloro-phenoxy)-[(2R,3R,4R,5R)-5-(2,4-dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phosphorylamino}-propionic acid butyl ester;

41 (S)-2-{(4-Chloro-phenoxy)-[(2R,3R,4R,5R)-5-(2,4-dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phosphorylamino}-propionic acid ethyl ester;

42 (S)-2-{[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-p-tolyloxy-phosphorylamino}-propionic acid butyl ester;

43 (S)-2-{[(2R,3R,4R,5R)-5-(2,4-Dioxo- 3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-p-tolyloxy-phosphorylamino}-propionic acid benzyl ester;

44 (S)-2-{[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-butyric acid methyl ester;

45 (S)-2-{[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-propionic acid 4-fluoro-benzyl ester;

46 (S)-2-{(2-Chloro-phenoxy)-[(2R,3R,4R,5R)-5-(2,4-dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phosphorylamino}-propionic acid butyl ester;

47 (S)-2-{[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-propionic acid 3-methyl-butyl ester;

48 (S)-2-{(2,4-Dichloro-phenoxy)-[(2R,3R,4R,5R)-5-(2,4-dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phosphorylamino}-propionic acid ethyl ester;

49 (S)-2-{[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-propionic acid cyclohexyl ester;

50 (R)-2-{[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-propionic acid butyl ester;

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51 (R)-2-{[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-propionic acid isopropyl ester;

52 (R)-2-{[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-propionic acid benzyl ester;

53 (S)-2-{(2-Chloro-phenoxy)-[(2R,3R,4R,5R)-5-(2,4-dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phosphorylamino}-propionic acid butyl ester;

54 (S)-2-{(4-Bromo-phenoxy)-[(2R,3R,4R,5R)-5-(2,4-dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phosphorylamino}-propionic acid isopropyl ester;

55 (S)-2-[[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-(4-fluoro-phenoxy)-phosphorylamino]-propionic acid cyclohexyl ester;

56 (S)-2-[[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-(4-bromo-phenoxy)-phosphorylamino]-propionic acid cyclohexyl ester;

57 (S)-2-{[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-butyric acid isopropyl ester;

58 (S)-2-{[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-butyric acid cyclohexyl ester;

59 (S)-2-[[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-(4-fluoro-phenoxy)-phosphorylamino]-butyric acid cyclohexyl ester;

60 (S)-2-{(4-Chloro-phenoxy)-[(2R,3R,4 R,5R)-5-(2,4-dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phosphorylamino}-butyric acid isopropyl ester;

61 (S)-2-{[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-propionic acid 2,2-difluoro-ethyl ester;

62 (S)-2-{[(2R,3R,4R,5R)-5-(2,4-Dioxo- 3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-propionic acid 2,2,2-trifluoro-1-trifluoromethyl-ethyl ester;

63 (S)-2-{[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-propionic acid 2-fluoro-1-fluoromethyl-ethyl ester;

64 (S)-2-{[(2R,3R,4R,5R)-5-(2,4-Dioxo- 3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-propionic acid cyclopropyl methyl ester;

65 (S)-2-{[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-butyric acid cyclopentyl ester;

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66 (S)-2-{[(2R,3R,4R,5R)-5-(6-Amino-purin-9-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-propionic acid methyl ester;

67 (S)-2-{[(2R,3R,4R,5R)-5-(2-Amino-6-hydroxy-purin-9-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-propionic acid methyl ester;

68 (S)-2-{(R)-[(2R,3R,4R,5R)-5-(2,6-Diamino-purin-9-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-propionic acid methyl ester;

69 (S)-2-{[(2R,3R,4R,5R)-5-(2-Amino-6-cyclopentylamino-purin-9-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-propionic acid methyl ester;

70 (S)-2-{[(2R,3R,4R,5R)-5-(2-Amino-6-azetidin-1-yl-purin-9-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-propionic acid methyl ester;

71 (S)-2-{[(2R,3R,4R,5R)-5-(2-Amino-6-diethylamino-purin-9-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-propionic acid methyl ester;

72 (S)-2-{[(2R,3R,4R,5R)-5-(2-Amino-6-propylamino-purin-9-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-propionic acid methyl ester;

73 (S)-2-{[(2R,3R,4R,5R)-5-(2-Amino-6-cyclobutylamino-purin-9-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-propionic acid methyl ester;

74 (S)-2-({(2R,3R,4R,5R)-5-[2-Amino-6-(4-methyl-piperazin-1-yl)-purin-9-yl]-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy}-phenoxy-phosphorylamino)-propionic acid methyl ester;

75 (2S)-methyl 2-((((2R,3R,4R,5R)-4-fluoro-3-hydroxy-4-methyl-5-(6-(propylamino)-9H-purin-9-yl)tetrahydrofuran-2-yl)methoxy)(phenoxy)phosphorylamino)propanoate;

76 (2S)-methyl 2-((((2R,3R,4R,5R)-5-(6-(cyclobutylamino)-9H-purin-9-yl)-4-fluoro-3-hydroxy-4-methyltetrahydrofuran-2-yl)methoxy)(phenoxy)phosphorylamino)propanoate;

77 (2S)-methyl 2-((((2R,3R,4R,5R)-5-(6-(cyclopentylamino)-9H-purin-9-yl)-4-fluoro-3-hydroxy-4-methyltetrahydrofuran-2-yl)methoxy)(phenoxy)phosphorylamino)propanoate;

78 (2S)-methyl 2-((((2R,3R,4R,5R)-5-(6-(aziridin-1-yl)-9H-purin-9-yl)-4-fluoro-3-hydroxy-4-methyltetrahydrofuran-2-yl)methoxy)(phenoxy)phosphorylamino)propanoate;

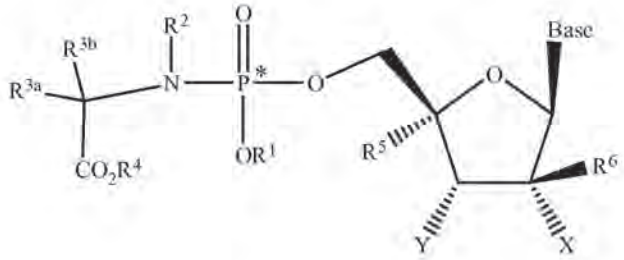
79 (2S)-methyl 2-((((2R,3R,4R,5R)-4-fluoro-3-hydroxy-4-methyl-5-(6-(piperidin-1-yl)-9H-purin-9-yl)tetrahydrofuran-2-yl)methoxy)(phenoxy)phosphorylamino)propanoate; and

80 (2S)-methyl 2-((((2R,3R,4R,5R)-5-(6-(azetidin-1-yl)-9H-purin-9-yl)-4-fluoro-3-hydroxy-4-methyltetrahydrofuran-2-yl)methoxy)(phenoxy)phosphorylamino)propanoate.

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5. A use of the compound represented by formula I in the manufacture of a medicament for the treatment of any condition the result of an infection by hepatitis C virus, West Nile virus, yellow fever virus, dengue virus, rhinovirus, polio virus, hepatitis A virus, bovine viral diarrhea virus or Japanese encephalitis virus.

wherein the compound, its stereoisomer, salt, hydrate, solvate, or crystalline form thereof, are represented by formula I:



I

wherein

(a) R^1 is hydrogen, n-alkyl; branched alkyl; cycloalkyl; or aryl, which includes, but is not limited to, phenyl or naphthyl, where phenyl or naphthyl are optionally substituted with at least one of C_{1-6} alkyl, C_{2-6} alkenyl, C_{2-6} alkynyl, C_{1-6} alkoxy, F, Cl, Br, I, nitro, cyano, C_{1-6} haloalkyl, $-N(R^{1'})_2$, C_{1-6} acylamino, $-NHSO_2C_{1-6}$ alkyl, $-SO_2N(R^{1'})_2$, $COR^{1''}$, and $-SO_2C_{1-6}$ alkyl; ($R^{1'}$ is independently hydrogen or alkyl, which includes, but is not limited to, C_{1-20} alkyl, C_{1-10} alkyl, or C_{1-6} alkyl, $R^{1''}$ is –OR' or $-N(R^{1'})_2$);

(b) R^2 is hydrogen, C_{1-10} alkyl, R^{3a} or R^{3b} and R^2 together are $(CH_2)_n$ so as to form a cyclic ring that includes the adjoining N and C atoms, $C(O)CR^{3a}R^{3b}NHR^1$, where n is 2 to 4 and R^1, R^{3a}, and R^{3b};

(c) R^{3a} and R^{3b} are (i) independently selected from hydrogen, C_{1-10} alkyl, cycloalkyl, $-(CH_2)_c(NR^{3'})_2$, C_{1-6} hydroxyalkyl, $-CH_2SH$, $-(CH_2)_2S(O)_dMe$, $-(CH_2)_3NHC(=NH)NH_2$, (1H-indol-3-yl)methyl, (1H-imidazol-4-yl)methyl, $-(CH_2)_cCOR^{3''}$, aryl and aryl C_{1-3} alkyl, said aryl groups optionally substituted with a

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group selected from hydroxyl, C_{1-10} alkyl, C_{1-6} alkoxy, halogen, nitro and cyano; (ii) R^{3a} and R^{3b} both are C_{1-6} alkyl; (iii) R^{3a} and R^{3b} together are$(CH_2)_f$ so as to form a spiro ring; (iv) R^{3a} is hydrogen and R^{3b} and R^2 together are $(CH_2)_n$ so as to form a cyclic ring that includes the adjoining N and C atoms (v) R^{3b} is hydrogen and R^{3a} and R^2 together are $(CH_2)_n$ so as to form a cyclic ring that includes the adjoining N and C atoms, where c is 1 to 6, d is 0 to 2, e is 0 to 3, f is 2 to 5, n is 2 to 4, and where $R^{3'}$ is independently hydrogen or C_{1-6} alkyl and $R^{3''}$ is -OR' or $-N(R^{3'})_2$); (vi) R^{3a} is H and R^{3b} is H, CH_3, CH_2CH_3, $CH(CH_3)_2$, $CH_2CH(CH_3)_2$, $CH(CH_3)CH_2CH_3$, CH_2Ph, CH_2-indol-3-yl, $-CH_2CH_2SCH_3$, CH_2CO_2H, $CH_2C(O)NH_2$, CH_2CH_2COOH, $CH_2CH_2C(O)NH_2$, $CH_2CH_2CH_2CH_2NH_2$, $-CH_2CH_2CH_2NHC(NH)NH_2$, CH_2-imidazol-4-yl, CH_2OH, $CH(OH)CH_3$, CH_2((4'-OH)-Ph), CH_2SH, or lower cycloalkyl; or (viii) R^{3a} is CH_3, $-CH_2CH_3$, $CH(CH_3)_2$, $CH_2CH(CH_3)_2$, $CH(CH_3)CH_2CH_3$, CH_2Ph, CH_2-indol-3-yl, $-CH_2CH_2SCH_3$, CH_2CO_2H, $CH_2C(O)NH_2$, CH_2CH_2COOH, $CH_2CH_2C(O)NH_2$, $CH_2CH_2CH_2CH_2NH_2$, $-CH_2CH_2CH_2NHC(NH)NH_2$, CH_2-imidazol-4-yl, CH_2OH, $CH(OH)CH_3$, CH_2((4'-OH)-Ph), CH_2SH, or lower cycloalkyl and R^{3b} is H, where $R^{3'}$ is independently hydrogen or alkyl, which includes, but is not limited to, C_{1-20} alkyl, C_{1-10} alkyl, or C_{1-6} alkyl, $R^{3''}$ is –OR' or $-N(R^{3'})_2$);

(d) R^4 is hydrogen, C_{1-10} alkyl, C_{1-10} alkyl optionally substituted with a lower alkyl, alkoxy, di(lower alkyl)-amino, or halogen, C_{1-10} haloalkyl, C_{3-10} cycloalkyl, cycloalkyl alkyl, cycloheteroalkyl, aminoacyl, aryl, such as phenyl, heteroaryl, such as, pyridinyl, substituted aryl, or substituted heteroaryl;

(e) R^5 is H, a lower alkyl, CN, vinyl, O-(lower alkyl), hydroxyl lower alkyl, i.e., $-(CH_2)_pOH$, where p is 1 -6, including hydroxyl methyl (CH_2OH), CH_2F, N_3, CH_2CN, CH_2NH_2, CH_2NHCH_3, $CH_2N(CH_3)_2$, alkyne (optionally substituted), or halogen, including F, Cl, Br, or I, with the provisos that when X is OH, base is cytosine and R^6 is H, R^5 cannot be N_3 and when X is OH, R^6 is CH_3 or CH_2F and B is a purine base, R^5 cannot be H;

(f) R^6 is H, CH_3, CH_2F, CHF_2, CF_3, F, or CN;

(g) X is H, OH, F, OMe, halogen, NH_2, or N_3;

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(h) Y is OH, H, C_{1-4} alkyl, C_{2-4} alkenyl, C_{2-4} alkynyl, vinyl, N_3, CN, Cl, Br, F, I, NO_2, $OC(O)O(C_{1-4}$ alkyl), $OC(O)O(C_{1-4}$ alkyl), $OC(O)O(C_{2-4}$ alkynyl), $OC(O)O(C_{2-4}$ alkenyl), OC_{1-10} haloalkyl, O(aminoacyl), $O(C_{1-10}$ acyl), $O(C_{1-4}$ alkyl), $O(C_{2-4}$ alkenyl), $S(C_{1-4}$ acyl), $S(C_{1-4}$ alkyl), $S(C_{2-4}$ alkynyl), $S(C_{2-4}$ alkenyl), $SO(C_{1-4}$ acyl), $SO(C_{1-4}$ alkyl), $SO(C_{2-4}$ alkynyl), $SO(C_{2-4}$ alkenyl), $SO_2(C_{1-4}$ acyl), $SO_2(C_{1-4}$ alkyl), $SO_2(C_{2-4}$ alkynyl), $SO_2(C_{2-4}$ alkenyl), $OS(O)_2(C_{1-4}$ acyl), $OS(O)_2(C_{1-4}$ alkyl), $OS(O)_2(C_{2-4}$ alkenyl), NH_2, $NH(C_{1-4}$ alkyl), $NH(C_{2-4}$ alkenyl), $NH(C_{2-4}$ alkynyl), $NH(C_{1-4}$ acyl), $N(C_{1-4}$ alkyl)$_2$, $N(C_{1-18}$ acyl)$_2$, wherein alkyl, alkynyl, alkenyl and vinyl are optionally substituted by N_3, CN, one to three halogen (Cl, Br, F, I), NO_2, $C(O)O(C_{1-4}$ alkyl), $C(O)O(C_{1-4}$ alkyl), $C(O)O(C_{2-4}$ alkynyl), $C(O)O(C_{2-4}$ alkenyl), $O(C_{1-4}$ acyl), $O(C_{1-4}$ alkyl), $O(C_{2-4}$ alkenyl), $S(C_{1-4}$ acyl), $S(C_{1-4}$ alkyl), $S(C_{2-4}$ alkynyl), $S(C_{2-4}$ alkenyl), $SO(C_{1-4}$ acyl), $SO(C_{1-4}$ alkyl), $SO(C_{2-4}$ alkynyl), $SO(C_{2-4}$ alkenyl), $SO_2(C_{1-4}$ acyl), $SO_2(C_{1-4}$ alkyl), $SO_2(C_{2-4}$ alkynyl), $SO_2(C_{2-4}$ alkenyl), $OS(O)_2(C_{1-4}$ acyl), $OS(O)_2(C_{1-4}$ alkyl), $OS(O)_2(C_{2-4}$ alkenyl), NH_2, $NH(C_{1-4}$ alkyl), $NH(C_{2-4}$ alkenyl), $NH(C_{2-4}$ alkynyl), $NH(C_{1-4}$ acyl), $N(C_{1-4}$ alkyl)$_2$, $N(C_{1-4}$ acyl)$_2$;

the base is a naturally occurring or modified purine or pyrimidine base represented by the following structures:



a **b** **c** **d**

wherein

Z is N or CR^{12};

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R^7, R^8,R^9, R^{10}, and $R^{11}$are independently H, F, Cl, Br, I, OH, OR', SH, SR', NH_2, NHR', NR'_2, lower alkyl of C_1-C_6, halogenated (F, Cl, Br, I) lower alkyl of C_1-C_6, lower alkenyl of C_2-C_6, halogenated (F, Cl, Br, I) lower alkenyl of C_2-C_6, lower alkynyl of C_2-C_6 such as C≡CH, halogenated (F, Cl, Br, I) lower alkynyl of C_2-C_6, lower alkoxy of C_1-C_6, halogenated (F, Cl, Br, I) lower alkoxy of C_1-C_6, CO_2H, CO_2R', $CONH_2$, CONHR', $CONR'_2$, $CH=CHCO_2H$, or $CH=CHCO_2R'$,

wherein R' is an optionally substituted alkyl , which includes, but is not limited to, an optionally substituted C_{1-20} alkyl, an optionally substituted C_{1-10} alkyl, an optionally substituted lower alkyl; an optionally substituted cycloalkyl; an optionally substituted alkynyl of C_2-C_6, an optionally substituted lower alkenyl of C_2-C_6, or optionally substituted acyl, which includes but is not limited to C(O) alkyl, C(O)(C_{1-20} alkyl), C(O)(C_{1-10} alkyl), or C(O)(lower alkyl) or alternatively, in the instance of NR'_2, each R' comprise at least one C atom that are joined to form a heterocycle comprising at least two carbon atoms; and

R^{12} is an H, halogen (including F, Cl, Br, I), OH, OR', SH, SR', NH_2, NHR', NR'_2, NO_2 lower alkyl of C_1-C_6, halogenated (F, Cl, Br, I) lower alkyl of C_1-C_6, lower alkenyl of C_2-C_6, halogenated (F, Cl, Br, I) lower alkenyl of C_2-C_6 , lower alkynyl of C_2-C_6, halogenated (F, Cl, Br, I) lower alkynyl of C_2-C_6, lower alkoxy of C_1-C_6, halogenated (F, Cl, Br, I) lower alkoxy of C_1-C_6, CO_2H, CO_2R', $CONH_2$, CONHR', $CONR'_2$, $CH=CHCO_2H$, or $CH=CHCO_2R'$; with the proviso that when base is represented by the structure c with R^{11} being hydrogen, R^{12} is not a: (i) –C≡C–H, (ii) $–C=CH_2$, or (iii) $–NO_2$.

6. A use of

a compound, its stereoisomer, salt, hydrate, solvate, or crystalline form thereof, selected from among

5 2'-Deoxy-2'-fluoro-2'-*C*-methyluridine 5'-(phenyl methoxy-alanyl phosphate ((S)-2-{[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-propionic acid methyl ester);

6 2'-Deoxy-2'-fluoro-2'-*C*-methyluridine 5'-(phenyl methoxy-valyl phosphate ((S)-2-{[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-

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hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-3-methyl-butyric acid methyl ester;

7 2'-Deoxy-2'-fluoro-2'-*C*-methyluridine 5'-(4-bromophenyl methoxy-valyl phosphate ((S)-2-{(4-bromo-phenoxy)-[(2R,3R,4R,5R)-5-(2,4-dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phosphorylamino}-3-methyl-butyric acid methyl ester);

8 2'-Deoxy-2'-fluoro-2'-*C*-methyluridine 5'-(4-bromophenyl methoxy-alanyl phosphate (((S)-2-{(4-bromo-phenoxy)-[(2R,3R,4R,5R)-5-(2,4-dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phosphorylamino}-propionic acid methyl ester);

9 N^4-(*N,N*-dimethylformamidinyl)-2'-deoxy-2'-fluoro-2'-*C*-methylcytidine;

10 2'-Deoxy-2'-fluoro-2'-C-methylcytidine 5'-(phenyl methoxy-alanyl phosphate (((S)-2-{[(2R,3R,4R,5R)-5-(2-oxo-3-amino-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenyoxy-phosphorylamino}-propionic acid methyl ester);

11 2'-Deoxy-2'-fluoro-2'-*C*-methylcytidine 5'-(4-bromophenyl methoxy-valyl phosphate (2'-Deoxy-2'-fluoro-2'-*C*-methyluridine 5'-(4-bromophenyl methoxy-valyl phosphate ((S)-2-{(4-bromo-phenoxy)-[(2R,3R,4R,5R)-5-(2-oxo-3-amino-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phosphorylamino}-3-methyl-butyric acid methyl ester);

12 2'-deoxy-2'-fluoro-2'-*C*-methylcytidine 5'-(phenyl methoxy-valyl phosphate ((S)-2-{[(2R,3R,4R,5R)-5-(2-oxo-3-amino-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-3-methyl-butyric acid methyl ester;

13 (S)-2-{[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-propionic acid ethyl ester;

14 (S)-2-[[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-(naphthalen-1-yloxy)-phosphorylamino]-propionic acid benzyl ester;

15 {[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-acetic acid methyl ester;

16 (S)-2-{(2,4-Dichloro-phenoxy)-[(2R,3R,4R,5R)-5-(2,4-dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phosphorylamino}-propionic acid methyl ester;

17 (S)-2-[[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-(naphthalen-1-yloxy)-phosphorylamino]-propionic acid methyl ester;

18 (S)-1-{[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphoryl}-pyrrolidine-2-carboxylic acid methyl ester;

19 (S)-2-{[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-propionic acid butyl ester;

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20 (S)-2-{[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-propionic acid benzyl ester;

21 (S)-2-[[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-(4-fluoro-phenoxy)-phosphorylamino]-propionic acid methyl ester;

22 (S)-2-{(4-Chloro-phenoxy)-[(2R,3R,4R,5R)-5-(2,4-dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phosphorylamino}-propionic acid methyl ester;

23 (S)-2-{(3,4-Dichloro-phenoxy)-[(2R,3R,4R,5R)-5-(2,4-dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phosphorylamino}-propionic acid methyl ester;

24 (S)-2-{[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-propionic acid sec-butyl ester;

25 (S)-2-{[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-propionic acid isopropyl ester;

26 (S)-2-[[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-(4-methoxy-phenoxy)-phosphorylamino]-propionic acid butyl ester;

27 (S)-2-[[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-(4-fluoro-phenoxy)-phosphorylamino]-propionic acid ethyl ester;

28 (S)-2-[[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-(4-fluoro-phenoxy)-phosphorylamino]-propionic acid isopropyl ester;

29 (S)-2-[[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-(4-fluoro-phenoxy)-phosphorylamino]-propionic acid benzyl ester;

30 (S)-2-[[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-(4-methoxy-phenoxy)-phosphorylamino]-propionic acid isopropyl ester;

31 (S)-2-{(2-Chloro-phenoxy)-[(2R,3R,4R,5R)-5-(2,4-dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phosphorylamino}-propionic acid benzyl ester;

32 (S)-2-{(2,4-Dichloro-phenoxy)-[(2R,3R,4R,5R)-5-(2,4-dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phosphorylamino}-propionic acid butyl ester;

33 (S)-2-{[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-p-tolyloxy-phosphorylamino}-propionic acid isopropyl ester;

34 (S)-2-[[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-(4-fluoro-phenoxy)-phosphorylamino]-propionic acid butyl ester;

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35 (S)-2-{(3,4-Dichloro-phenoxy)-[(2R,3R,4R,5R)-5-(2,4-dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phosphorylamino}-propionic acid ethyl ester;

36 (S)-2-{(2-Chloro-phenoxy)-[(2R,3R,4R,5R)-5-(2,4-dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phosphorylamino}-propionic acid isopropyl ester;

37 (S)-2-[[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-(4-methoxy-phenoxy)-phosphorylamino]-propionic acid benzyl ester;

38 (S)-2-{[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-propionic acid pentyl ester;

39 (S)-2-{(4-Chloro-phenoxy)-[(2R,3R,4R,5R)-5-(2,4-dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phosphorylamino}-propionic acid isopropyl ester;

40 (S)-2-{(4-Chloro-phenoxy)-[(2R,3R,4R,5R)-5-(2,4-dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phosphorylamino}-propionic acid butyl ester;

41 (S)-2-{(4-Chloro-phenoxy)-[(2R,3R,4R,5R)-5-(2,4-dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phosphorylamino}-propionic acid ethyl ester;

42 (S)-2-{[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-p-tolyloxy-phosphorylamino}-propionic acid butyl ester;

43 (S)-2-{[(2R,3R,4R,5R)-5-(2,4-Dioxo- 3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-p-tolyloxy-phosphorylamino}-propionic acid benzyl ester;

44 (S)-2-{[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-butyric acid methyl ester;

45 (S)-2-{[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-propionic acid 4-fluoro-benzyl ester;

46 (S)-2-{(2-Chloro-phenoxy)-[(2R,3R,4R,5R)-5-(2,4-dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phosphorylamino}-propionic acid butyl ester;

47 (S)-2-{[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-propionic acid 3-methyl-butyl ester;

48 (S)-2-{(2,4-Dichloro-phenoxy)-[(2R,3R,4R,5R)-5-(2,4-dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phosphorylamino}-propionic acid ethyl ester;

49 (S)-2-{[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-propionic acid cyclohexyl ester;

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50 (R)-2-{[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-propionic acid butyl ester;

51 (R)-2-{[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-propionic acid isopropyl ester;

52 (R)-2-{[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-propionic acid benzyl ester;

53 (S)-2-{(2-Chloro-phenoxy)-[(2R,3R,4R,5R)-5-(2,4-dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phosphorylamino}-propionic acid butyl ester;

54 (S)-2-{(4-Bromo-phenoxy)-[(2R,3R,4R,5R)-5-(2,4-dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phosphorylamino}-propionic acid isopropyl ester;

55 (S)-2-[[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-(4-fluoro-phenoxy)-phosphorylamino]-propionic acid cyclohexyl ester;

56 (S)-2-[[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-(4-bromo-phenoxy)-phosphorylamino]-propionic acid cyclohexyl ester;

57 (S)-2-{[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-butyric acid isopropyl ester;

58 (S)-2-{[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-butyric acid cyclohexyl ester;

59 (S)-2-[[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-(4-fluoro-phenoxy)-phosphorylamino]-butyric acid cyclohexyl ester;

60 (S)-2-{(4-Chloro-phenoxy)-[(2R,3R,4 R,5R)-5-(2,4-dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phosphorylamino}-butyric acid isopropyl ester;

61 (S)-2-{[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-propionic acid 2,2-difluoro-ethyl ester;

62 (S)-2-{[(2R,3R,4R,5R)-5-(2,4-Dioxo- 3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-propionic acid 2,2,2-trifluoro-1-trifluoromethyl-ethyl ester;

63 (S)-2-{[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-propionic acid 2-fluoro-1-fluoromethyl-ethyl ester;

64 (S)-2-{[(2R,3R,4R,5R)-5-(2,4-Dioxo- 3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-propionic acid cyclopropyl methyl ester;

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65 (S)-2-{[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-butyric acid cyclopentyl ester;

66 (S)-2-{[(2R,3R,4R,5R)-5-(6-Amino-purin-9-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-propionic acid methyl ester;

67 (S)-2-{[(2R,3R,4R,5R)-5-(2-Amino-6-hydroxy-purin-9-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-propionic acid methyl ester;

68 (S)-2-{(R)-[(2R,3R,4R,5R)-5-(2,6-Diamino-purin-9-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-propionic acid methyl ester;

69 (S)-2-{[(2R,3R,4R,5R)-5-(2-Amino-6-cyclopentylamino-purin-9-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-propionic acid methyl ester;

70 (S)-2-{[(2R,3R,4R,5R)-5-(2-Amino-6-azetidin-1-yl-purin-9-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-propionic acid methyl ester;

71 (S)-2-{[(2R,3R,4R,5R)-5-(2-Amino-6-diethylamino-purin-9-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-propionic acid methyl ester;

72 (S)-2-{[(2R,3R,4R,5R)-5-(2-Amino-6-propylamino-purin-9-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-propionic acid methyl ester;

73 (S)-2-{[(2R,3R,4R,5R)-5-(2-Amino-6-cyclobutylamino-purin-9-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-propionic acid methyl ester;

74 (S)-2-({(2R,3R,4R,5R)-5-[2-Amino-6-(4-methyl-piperazin-1-yl)-purin-9-yl]-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy}-phenoxy-phosphorylamino)-propionic acid methyl ester;

75 (2S)-methyl 2-((((2R,3R,4R,5R)-4-fluoro-3-hydroxy-4-methyl-5-(6-(propylamino)-9H-purin-9-yl)tetrahydrofuran-2-yl)methoxy)(phenoxy)phosphorylamino)propanoate;

76 (2S)-methyl 2-((((2R,3R,4R,5R)-5-(6-(cyclobutylamino)-9H-purin-9-yl)-4-fluoro-3-hydroxy-4-methyltetrahydrofuran-2-yl)methoxy)(phenoxy)phosphorylamino)propanoate;

77 (2S)-methyl 2-((((2R,3R,4R,5R)-5-(6-(cyclopentylamino)-9H-purin-9-yl)-4-fluoro-3-hydroxy-4-methyltetrahydrofuran-2-yl)methoxy)(phenoxy)phosphorylamino)propanoate;

78 (2S)-methyl 2-((((2R,3R,4R,5R)-5-(6-(aziridin-1-yl)-9H-purin-9-yl)-4-fluoro-3-hydroxy-4-methyltetrahydrofuran-2-yl)methoxy)(phenoxy)phosphorylamino)propanoate;

79 (2S)-methyl 2-((((2R,3R,4R,5R)-4-fluoro-3-hydroxy-4-methyl-5-(6-(piperidin-1-yl)-9H-purin-9-yl)tetrahydrofuran-2-yl)methoxy)(phenoxy)phosphorylamino)propanoate; and

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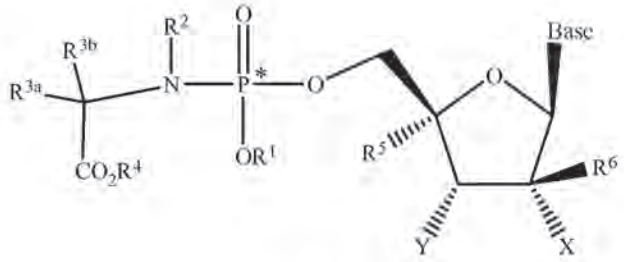
80 (2S)-methyl 2-((((2R,3R,4R,5R)-5-(6-(azetidin-1-yl)-9H-purin-9-yl)-4-fluoro-3-hydroxy-4-methyltetrahydrofuran-2-yl)methoxy)(phenoxy)phosphorylamino)propanoate

in the manufacture of a medicament for the treatment of any condition the result of an infection by hepatitis C virus, West Nile virus, yellow fever virus, dengue virus, rhinovirus, polio virus, hepatitis A virus, bovine viral diarrhea virus or Japanese encephalitis virus.

7. A method of treatment in a subject in need thereof, which comprises:

administering a therapeutically effective amount of the compound represented by formula I to the subject;

wherein the compound or its stereoisomer, salt, hydrate, solvate, or crystalline form thereof represented by formula I:



I

wherein

(a) R^1 is hydrogen, n-alkyl; branched alkyl; cycloalkyl; or aryl, which includes, but is not limited to, phenyl or naphthyl, where phenyl or naphthyl are optionally substituted with at least one of C_{1-6} alkyl, C_{2-6} alkenyl, C_{2-6} alkynyl, C_{1-6} alkoxy, F, Cl, Br, I, nitro, cyano, C_{1-6} haloalkyl, $-N(R^{1'})_2$, C_{1-6} acylamino, $-NHSO_2C_{1-6}$ alkyl, $-SO_2N(R^{1'})_2$, $COR^{1''}$, and $-SO_2C_{1-6}$ alkyl; ($R^{1'}$ is independently hydrogen or alkyl,

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which includes, but is not limited to, C_{1-20} alkyl, C_{1-10} alkyl, or C_{1-6} alkyl, $R^{1"}$ is –OR' or -$N(R^{1'})_2$);

(b) R^2 is hydrogen, C_{1-10} alkyl, R^{3a} or R^{3b} and R^2 together are $(CH_2)_n$ so as to form a cyclic ring that includes the adjoining N and C atoms, $C(O)CR^{3a}R^{3b}NHR^1$, where n is 2 to 4 and R^1, R^{3a}, and R^{3b};

(c) R^{3a} and R^{3b} are (i) independently selected from hydrogen, C_{1-10} alkyl, cycloalkyl, $-(CH_2)_c(NR^{3'})_2$, C_{1-6} hydroxyalkyl, $-CH_2SH$, $-(CH_2)_2S(O)_dMe$, $-(CH_2)_3NHC(=NH)NH_2$, (1H-indol-3-yl)methyl, (1H-imidazol-4-yl)methyl, $-(CH_2)_eCOR^{3"}$, aryl and aryl C_{1-3} alkyl, said aryl groups optionally substituted with a group selected from hydroxyl, C_{1-10} alkyl, C_{1-6} alkoxy, halogen, nitro and cyano; (ii) R^{3a} and R^{3b} both are C_{1-6} alkyl; (iii) R^{3a} and R^{3b} together are$(CH_2)_f$ so as to form a spiro ring; (iv) R^{3a} is hydrogen and R^{3b} and R^2 together are $(CH_2)_n$ so as to form a cyclic ring that includes the adjoining N and C atoms (v) R^{3b} is hydrogen and R^{3a} and R^2 together are $(CH_2)_n$ so as to form a cyclic ring that includes the adjoining N and C atoms, where c is 1 to 6, d is 0 to 2, e is 0 to 3, f is 2 to 5, n is 2 to 4, and where $R^{3'}$ is independently hydrogen or C_{1-6} alkyl and $R^{3"}$ is -OR' or $–N(R^{3'})_2$); (vi) R^{3a} is H and R^{3b} is H, CH_3, CH_2CH_3, $CH(CH_3)_2$, $CH_2CH(CH_3)_2$, $CH(CH_3)CH_2CH_3$, CH_2Ph, CH_2-indol-3-yl, $-CH_2CH_2SCH_3$, CH_2CO_2H, $CH_2C(O)NH_2$, CH_2CH_2COOH, $CH_2CH_2C(O)NH_2$, $CH_2CH_2CH_2CH_2NH_2$, $-CH_2CH_2CH_2NHC(NH)NH_2$, CH_2-imidazol-4-yl, CH_2OH, $CH(OH)CH_3$, CH_2((4'-OH)-Ph), CH_2SH, or lower cycloalkyl; or (viii) R^{3a} is CH_3, $-CH_2CH_3$, $CH(CH_3)_2$, $CH_2CH(CH_3)_2$, $CH(CH_3)CH_2CH_3$, CH_2Ph, CH_2-indol-3-yl, $-CH_2CH_2SCH_3$, CH_2CO_2H, $CH_2C(O)NH_2$, CH_2CH_2COOH, $CH_2CH_2C(O)NH_2$, $CH_2CH_2CH_2CH_2NH_2$, $-CH_2CH_2CH_2NHC(NH)NH_2$, CH_2-imidazol-4-yl, CH_2OH, $CH(OH)CH_3$, CH_2((4'-OH)-Ph), CH_2SH, or lower cycloalkyl and R^{3b} is H, where $R^{3'}$ is independently hydrogen or alkyl, which includes, but is not limited to, C_{1-20} alkyl, C_{1-10} alkyl, or C_{1-6} alkyl, $R^{3"}$ is –OR' or -$N(R^{3'})_2$);

(d) R^4 is hydrogen, C_{1-10} alkyl, C_{1-10} alkyl optionally substituted with a lower alkyl, alkoxy, di(lower alkyl)-amino, or halogen, C_{1-10} haloalkyl, C_{3-10} cycloalkyl,

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cycloalkyl alkyl, cycloheteroalkyl, aminoacyl, aryl, such as phenyl, heteroaryl, such as, pyridinyl, substituted aryl, or substituted heteroaryl;

(e) R^5 is H, a lower alkyl, CN, vinyl, O-(lower alkyl), hydroxyl lower alkyl, i.e., -$(CH_2)_pOH$, where p is 1 -6, including hydroxyl methyl (CH_2OH), CH_2F, N_3, CH_2CN, CH_2NH_2, CH_2NHCH_3, $CH_2N(CH_3)_2$, alkyne (optionally substituted), or halogen, including F, Cl, Br, or I, with the provisos that when X is OH, base is cytosine and R^6 is H, R^5 cannot be N_3 and when X is OH, R^6 is CH_3 or CH_2F and B is a purine base, R^5 cannot be H;

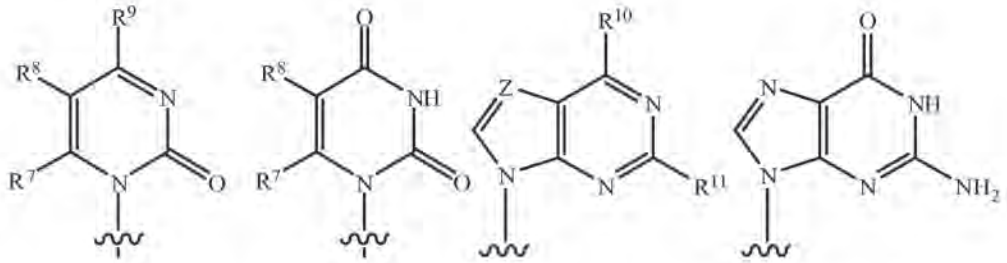
(f) R^6 is H, CH_3, CH_2F, CHF_2, CF_3, F, or CN;

(g) X is H, OH, F, OMe, halogen, NH_2, or N_3;

(h) Y is OH, H, C_{1-4} alkyl, C_{2-4} alkenyl, C_{2-4} alkynyl, vinyl, N_3, CN, Cl, Br, F, I, NO_2, $OC(O)O(C_{1-4}$ alkyl), $OC(O)O(C_{1-4}$ alkyl), $OC(O)O(C_{2-4}$ alkynyl), $OC(O)O(C_{2-4}$ alkenyl), OC_{1-10} haloalkyl, O(aminoacyl), $O(C_{1-10}$ acyl), $O(C_{1-4}$ alkyl), $O(C_{2-4}$ alkenyl), $S(C_{1-4}$ acyl), $S(C_{1-4}$ alkyl), $S(C_{2-4}$ alkynyl), $S(C_{2-4}$ alkenyl), $SO(C_{1-4}$ acyl), $SO(C_{1-4}$ alkyl), $SO(C_{2-4}$ alkynyl), $SO(C_{2-4}$ alkenyl), $SO_2(C_{1-4}$ acyl), $SO_2(C_{1-4}$ alkyl), $SO_2(C_{2-4}$ alkynyl), $SO_2(C_{2-4}$ alkenyl), $OS(O)_2(C_{1-4}$ acyl), $OS(O)_2(C_{1-4}$ alkyl), $OS(O)_2(C_{2-4}$ alkenyl), NH_2, $NH(C_{1-4}$ alkyl), $NH(C_{2-4}$ alkenyl), $NH(C_{2-4}$ alkynyl), $NH(C_{1-4}$ acyl), $N(C_{1-4}$ alkyl)$_2$, $N(C_{1-18}$ acyl)$_2$, wherein alkyl, alkynyl, alkenyl and vinyl are optionally substituted by N_3, CN, one to three halogen (Cl, Br, F, I), NO_2, $C(O)O(C_{1-4}$ alkyl), $C(O)O(C_{1-4}$ alkyl), $C(O)O(C_{2-4}$ alkynyl), $C(O)O(C_{2-4}$ alkenyl), $O(C_{1-4}$ acyl), $O(C_{1-4}$ alkyl), $O(C_{2-4}$ alkenyl), $S(C_{1-4}$ acyl), $S(C_{1-4}$ alkyl), $S(C_{2-4}$ alkynyl), $S(C_{2-4}$ alkenyl), $SO(C_{1-4}$ acyl), $SO(C_{1-4}$ alkyl), $SO(C_{2-4}$ alkynyl), $SO(C_{2-4}$ alkenyl), $SO_2(C_{1-4}$ acyl), $SO_2(C_{1-4}$ alkyl), $SO_2(C_{2-4}$ alkynyl), $SO_2(C_{2-4}$ alkenyl), $OS(O)_2(C_{1-4}$ acyl), $OS(O)_2(C_{1-4}$ alkyl), $OS(O)_2(C_{2-4}$ alkenyl), NH_2, $NH(C_{1-4}$ alkyl), $NH(C_{2-4}$ alkenyl), $NH(C_{2-4}$ alkynyl), $NH(C_{1-4}$ acyl), $N(C_{1-4}$ alkyl)$_2$, $N(C_{1-4}$ acyl)$_2$;

the base is a naturally occurring or modified purine or pyrimidine base represented by the following structures:

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a b c d

wherein

Z is N or CR^{12};

R^7, R^8,R^9, R^{10}, and $R^{11}$are independently H, F, Cl, Br, I, OH, OR', SH, SR', NH_2, NHR', NR'_2, lower alkyl of C_1-C_6, halogenated (F, Cl, Br, I) lower alkyl of C_1-C_6, lower alkenyl of C_2-C_6, halogenated (F, Cl, Br, I) lower alkenyl of C_2-C_6, lower alkynyl of C_2-C_6 such as C≡CH, halogenated (F, Cl, Br, I) lower alkynyl of C_2-C_6, lower alkoxy of C_1-C_6, halogenated (F, Cl, Br, I) lower alkoxy of C_1-C_6, CO_2H, CO_2R', $CONH_2$, CONHR', $CONR'_2$, CH=$CHCO_2H$, or CH=$CHCO_2R'$,

wherein R' is an optionally substituted alkyl , which includes, but is not limited to, an optionally substituted C_{1-20} alkyl, an optionally substituted C_{1-10} alkyl, an optionally substituted lower alkyl; an optionally substituted cycloalkyl; an optionally substituted alkynyl of C_2-C_6, an optionally substituted lower alkenyl of C_2-C_6, or optionally substituted acyl, which includes but is not limited to C(O) alkyl, C(O)(C_{1-20} alkyl), C(O)(C_{1-10} alkyl), or C(O)(lower alkyl) or alternatively, in the instance of NR'_2, each R' comprise at least one C atom that are joined to form a heterocycle comprising at least two carbon atoms; and

R^{12} is an H, halogen (including F, Cl, Br, I), OH, OR', SH, SR', NH_2, NHR', NR'_2, NO_2 lower alkyl of C_1-C_6, halogenated (F, Cl, Br, I) lower alkyl of C_1-C_6, lower alkenyl of C_2-C_6, halogenated (F, Cl, Br, I) lower alkenyl of C_2-C_6 , lower alkynyl of C_2-C_6, halogenated (F, Cl, Br, I) lower alkynyl of C_2-C_6, lower alkoxy of C_1-C_6, halogenated (F, Cl, Br, I) lower alkoxy of C_1-C_6, CO_2H, CO_2R', $CONH_2$, CONHR', $CONR'_2$,

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$CH=CHCO_2H$, or $CH=CHCO_2R'$; with the proviso that when base is represented by the structure c with R^{11} being hydrogen, R^{12} is not a: (i) $-C\equiv C-H$, (ii) $-C=CH_2$, or (iii) $-NO_2$.

8. A method of treatment in a subject in need thereof, which comprises:

administering a therapeutically effective amount of a compound, its stereoisomer, salt, hydrate, solvate, or crystalline form thereof, selected from among

5 2'-Deoxy-2'-fluoro-2'-*C*-methyluridine 5'-(phenyl methoxy-alanyl phosphate ((S)-2-{[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-propionic acid methyl ester);

6 2'-Deoxy-2'-fluoro-2'-*C*-methyluridine 5'-(phenyl methoxy-valyl phosphate ((S)-2-{[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-3-methyl-butyric acid methyl ester;

7 2'-Deoxy-2'-fluoro-2'-*C*-methyluridine 5'-(4-bromophenyl methoxy-valyl phosphate ((S)-2-{(4-bromo-phenoxy)-[(2R,3R,4R,5R)-5-(2,4-dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phosphorylamino}-3-methyl-butyric acid methyl ester);

8 2'-Deoxy-2'-fluoro-2'-*C*-methyluridine 5'-(4-bromophenyl methoxy-alanyl phosphate (((S)-2-{(4-bromo-phenoxy)-[(2R,3R,4R,5R)-5-(2,4-dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phosphorylamino}-propionic acid methyl ester);

9 N^4-(*N,N*-dimethylformamidinyl)-2'-deoxy-2'-fluoro-2'-*C*-methylcytidine;

10 2'-Deoxy-2'-fluoro-2'-C-methylcytidine 5'-(phenyl methoxy-alanyl phosphate (((S)-2-{[(2R,3R,4R,5R)-5-(2-oxo-3-amino-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenyoxy-phosphorylamino}-propionic acid methyl ester);

11 2'-Deoxy-2'-fluoro-2'-*C*-methylcytidine 5'-(4-bromophenyl methoxy-valyl phosphate (2'-Deoxy-2'-fluoro-2'-*C*-methyluridine 5'-(4-bromophenyl methoxy-valyl phosphate ((S)-2-{(4-bromo-phenoxy)-[(2R,3R,4R,5R)-5-(2-oxo-3-amino-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phosphorylamino}-3-methyl-butyric acid methyl ester);

12 2'-deoxy-2'-fluoro-2'-*C*-methylcytidine 5'-(phenyl methoxy-valyl phosphate ((S)-2-{[(2R,3R,4R,5R)-5-(2-oxo-3-amino-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-3-methyl-butyric acid methyl ester;

13 (S)-2-{[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-propionic acid ethyl ester;

14 (S)-2-[[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-(naphthalen-1-yloxy)-phosphorylamino]-propionic acid benzyl ester;

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15 {[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-acetic acid methyl ester;

16 (S)-2-{(2,4-Dichloro-phenoxy)-[(2R,3R,4R,5R)-5-(2,4-dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phosphorylamino}-propionic acid methyl ester;

17 (S)-2-[[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-(naphthalen-1-yloxy)-phosphorylamino]-propionic acid methyl ester;

18 (S)-1-{[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphoryl}-pyrrolidine-2-carboxylic acid methyl ester;

19 (S)-2-{[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-propionic acid butyl ester;

20 (S)-2-{[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-propionic acid benzyl ester;

21 (S)-2-[[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-(4-fluoro-phenoxy)-phosphorylamino]-propionic acid methyl ester;

22 (S)-2-{(4-Chloro-phenoxy)-[(2R,3R,4R,5R)-5-(2,4-dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phosphorylamino}-propionic acid methyl ester;

23 (S)-2-{(3,4-Dichloro-phenoxy)-[(2R,3R,4R,5R)-5-(2,4-dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phosphorylamino}-propionic acid methyl ester;

24 (S)-2-{[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-propionic acid sec-butyl ester;

25 (S)-2-{[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-propionic acid isopropyl ester;

26 (S)-2-[[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-(4-methoxy-phenoxy)-phosphorylamino]-propionic acid butyl ester;

27 (S)-2-[[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-(4-fluoro-phenoxy)-phosphorylamino]-propionic acid ethyl ester;

28 (S)-2-[[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-(4-fluoro-phenoxy)-phosphorylamino]-propionic acid isopropyl ester;

29 (S)-2-[[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-(4-fluoro-phenoxy)-phosphorylamino]-propionic acid benzyl ester;

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30 (S)-2-[[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-(4-methoxy-phenoxy)-phosphorylamino]-propionic acid isopropyl ester;

31 (S)-2-{(2-Chloro-phenoxy)-[(2R,3R,4R,5R)-5-(2,4-dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phosphorylamino}-propionic acid benzyl ester;

32 (S)-2-{(2,4-Dichloro-phenoxy)-[(2R,3R,4R,5R)-5-(2,4-dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phosphorylamino}-propionic acid butyl ester;

33 (S)-2-{[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-p-tolyloxy-phosphorylamino}-propionic acid isopropyl ester;

34 (S)-2-[[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-(4-fluoro-phenoxy)-phosphorylamino]-propionic acid butyl ester;

35 (S)-2-{(3,4-Dichloro-phenoxy)-[(2R,3R,4R,5R)-5-(2,4-dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phosphorylamino}-propionic acid ethyl ester;

36 (S)-2-{(2-Chloro-phenoxy)-[(2R,3R,4R,5R)-5-(2,4-dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phosphorylamino}-propionic acid isopropyl ester;

37 (S)-2-[[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-(4-methoxy-phenoxy)-phosphorylamino]-propionic acid benzyl ester;

38 (S)-2-{[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-propionic acid pentyl ester;

39 (S)-2-{(4-Chloro-phenoxy)-[(2R,3R,4R,5R)-5-(2,4-dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phosphorylamino}-propionic acid isopropyl ester;

40 (S)-2-{(4-Chloro-phenoxy)-[(2R,3R,4R,5R)-5-(2,4-dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phosphorylamino}-propionic acid butyl ester;

41 (S)-2-{(4-Chloro-phenoxy)-[(2R,3R,4R,5R)-5-(2,4-dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phosphorylamino}-propionic acid ethyl ester;

42 (S)-2-{[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-p-tolyloxy-phosphorylamino}-propionic acid butyl ester;

43 (S)-2-{[(2R,3R,4R,5R)-5-(2,4-Dioxo- 3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-p-tolyloxy-phosphorylamino}-propionic acid benzyl ester;

44 (S)-2-{[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-butyric acid methyl ester;

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45 (S)-2-{[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-propionic acid 4-fluoro-benzyl ester;

46 (S)-2-{(2-Chloro-phenoxy)-[(2R,3R,4R,5R)-5-(2,4-dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phosphorylamino}-propionic acid butyl ester;

47 (S)-2-{[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-propionic acid 3-methyl-butyl ester;

48 (S)-2-{(2,4-Dichloro-phenoxy)-[(2R,3R,4R,5R)-5-(2,4-dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phosphorylamino}-propionic acid ethyl ester;

49 (S)-2-{[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-propionic acid cyclohexyl ester;

50 (R)-2-{[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-propionic acid butyl ester;

51 (R)-2-{[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-propionic acid isopropyl ester;

52 (R)-2-{[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-propionic acid benzyl ester;

53 (S)-2-{(2-Chloro-phenoxy)-[(2R,3R,4R,5R)-5-(2,4-dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phosphorylamino}-propionic acid butyl ester;

54 (S)-2-{(4-Bromo-phenoxy)-[(2R,3R,4R,5R)-5-(2,4-dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phosphorylamino}-propionic acid isopropyl ester;

55 (S)-2-[[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-(4-fluoro-phenoxy)-phosphorylamino]-propionic acid cyclohexyl ester;

56 (S)-2-[[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-(4-bromo-phenoxy)-phosphorylamino]-propionic acid cyclohexyl ester;

57 (S)-2-{[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-butyric acid isopropyl ester;

58 (S)-2-{[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-butyric acid cyclohexyl ester;

59 (S)-2-[[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-(4-fluoro-phenoxy)-phosphorylamino]-butyric acid cyclohexyl ester;

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60 (S)-2-{(4-Chloro-phenoxy)-[(2R,3R,4 R,5R)-5-(2,4-dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phosphorylamino}-butyric acid isopropyl ester;

61 (S)-2-{[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-propionic acid 2,2-difluoro-ethyl ester;

62 (S)-2-{[(2R,3R,4R,5R)-5-(2,4-Dioxo- 3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-propionic acid 2,2,2-trifluoro-1-trifluoromethyl-ethyl ester;

63 (S)-2-{[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-propionic acid 2-fluoro-1-fluoromethyl-ethyl ester;

64 (S)-2-{[(2R,3R,4R,5R)-5-(2,4-Dioxo- 3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-propionic acid cyclopropyl methyl ester;

65 (S)-2-{[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-butyric acid cyclopentyl ester;

66 (S)-2-{[(2R,3R,4R,5R)-5-(6-Amino-purin-9-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-propionic acid methyl ester;

67 (S)-2-{[(2R,3R,4R,5R)-5-(2-Amino-6-hydroxy-purin-9-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-propionic acid methyl ester;

68 (S)-2-{(R)-[(2R,3R,4R,5R)-5-(2,6-Diamino-purin-9-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-propionic acid methyl ester;

69 (S)-2-{[(2R,3R,4R,5R)-5-(2-Amino-6-cyclopentylamino-purin-9-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-propionic acid methyl ester;

70 (S)-2-{[(2R,3R,4R,5R)-5-(2-Amino-6-azetidin-1-yl-purin-9-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-propionic acid methyl ester;

71 (S)-2-{[(2R,3R,4R,5R)-5-(2-Amino-6-diethylamino-purin-9-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-propionic acid methyl ester;

72 (S)-2-{[(2R,3R,4R,5R)-5-(2-Amino-6-propylamino-purin-9-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-propionic acid methyl ester;

73 (S)-2-{[(2R,3R,4R,5R)-5-(2-Amino-6-cyclobutylamino-purin-9-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-propionic acid methyl ester;

74 (S)-2-({(2R,3R,4R,5R)-5-[2-Amino-6-(4-methyl-piperazin-1-yl)-purin-9-yl]-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy}-phenoxy-phosphorylamino)-propionic acid methyl ester;

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75 (2S)-methyl 2-((((2R,3R,4R,5R)-4-fluoro-3-hydroxy-4-methyl-5-(6-(propylamino)-9H-purin-9-yl)tetrahydrofuran-2-yl)methoxy)(phenoxy)phosphorylamino)propanoate;

76 (2S)-methyl 2-((((2R,3R,4R,5R)-5-(6-(cyclobutylamino)-9H-purin-9-yl)-4-fluoro-3-hydroxy-4-methyltetrahydrofuran-2-yl)methoxy)(phenoxy)phosphorylamino)propanoate;

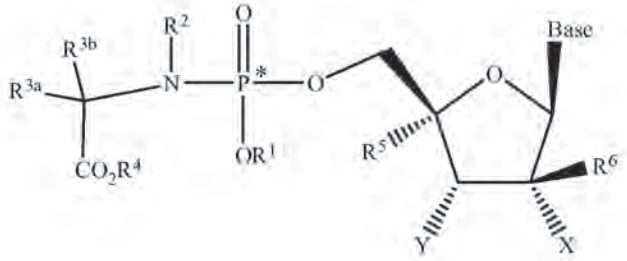
77 (2S)-methyl 2-((((2R,3R,4R,5R)-5-(6-(cyclopentylamino)-9H-purin-9-yl)-4-fluoro-3-hydroxy-4-methyltetrahydrofuran-2-yl)methoxy)(phenoxy)phosphorylamino)propanoate;

78 (2S)-methyl 2-((((2R,3R,4R,5R)-5-(6-(aziridin-1-yl)-9H-purin-9-yl)-4-fluoro-3-hydroxy-4-methyltetrahydrofuran-2-yl)methoxy)(phenoxy)phosphorylamino)propanoate;

79 (2S)-methyl 2-((((2R,3R,4R,5R)-4-fluoro-3-hydroxy-4-methyl-5-(6-(piperidin-1-yl)-9H-purin-9-yl)tetrahydrofuran-2-yl)methoxy)(phenoxy)phosphorylamino)propanoate; and

80 (2S)-methyl 2-((((2R,3R,4R,5R)-5-(6-(azetidin-1-yl)-9H-purin-9-yl)-4-fluoro-3-hydroxy-4-methyltetrahydrofuran-2-yl)methoxy)(phenoxy)phosphorylamino)propanoate.

9. A process for preparing a compound, its stereoisomer, salt, hydrate, solvate, or crystalline form thereof, represented by formula I:



I

wherein

(a) R^1 is hydrogen, n-alkyl; branched alkyl; cycloalkyl; or aryl, which includes, but is not limited to, phenyl or naphthyl, where phenyl or naphthyl are optionally substituted with at least one of C_{1-6} alkyl, C_{2-6} alkenyl, C_{2-6} alkynyl, C_{1-6} alkoxy, F, Cl, Br, I, nitro, cyano, C_{1-6} haloalkyl, $-N(R^{1'})_2$, C_{1-6} acylamino, $-NHSO_2C_{1-6}$ alkyl, $-SO_2N(R^{1'})_2$, $COR^{1''}$, and $-SO_2C_{1-6}$ alkyl; ($R^{1'}$ is independently hydrogen or alkyl,

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which includes, but is not limited to, C_{1-20} alkyl, C_{1-10} alkyl, or C_{1-6} alkyl, $R^{1"}$ is –OR' or -$N(R^{1'})_2$);

(b) R^2 is hydrogen, C_{1-10} alkyl, R^{3a} or R^{3b} and R^2 together are $(CH_2)_n$ so as to form a cyclic ring that includes the adjoining N and C atoms, $C(O)CR^{3a}R^{3b}NHR^1$, where n is 2 to 4 and R^1, R^{3a}, and R^{3b};

(c) R^{3a} and R^{3b} are (i) independently selected from hydrogen, C_{1-10} alkyl, cycloalkyl, $-(CH_2)_c(NR^{3'})_2$, C_{1-6} hydroxyalkyl, $-CH_2SH$, $-(CH_2)_2S(O)_dMe$, $-(CH_2)_3NHC(=NH)NH_2$, (1H-indol-3-yl)methyl, (1H-imidazol-4-yl)methyl, $-(CH_2)_eCOR^{3"}$, aryl and aryl C_{1-3} alkyl, said aryl groups optionally substituted with a group selected from hydroxyl, C_{1-10} alkyl, C_{1-6} alkoxy, halogen, nitro and cyano; (ii) R^{3a} and R^{3b} both are C_{1-6} alkyl; (iii) R^{3a} and R^{3b} together are$(CH_2)_f$ so as to form a spiro ring; (iv) R^{3a} is hydrogen and R^{3b} and R^2 together are $(CH_2)_n$ so as to form a cyclic ring that includes the adjoining N and C atoms (v) R^{3b} is hydrogen and R^{3a} and R^2 together are $(CH_2)_n$ so as to form a cyclic ring that includes the adjoining N and C atoms, where c is 1 to 6, d is 0 to 2, e is 0 to 3, f is 2 to 5, n is 2 to 4, and where $R^{3'}$ is independently hydrogen or C_{1-6} alkyl and $R^{3"}$ is -OR' or $–N(R^{3'})_2$); (vi) R^{3a} is H and R^{3b} is H, CH_3, CH_2CH_3, $CH(CH_3)_2$, $CH_2CH(CH_3)_2$, $CH(CH_3)CH_2CH_3$, CH_2Ph, CH_2-indol-3-yl, $-CH_2CH_2SCH_3$, CH_2CO_2H, $CH_2C(O)NH_2$, CH_2CH_2COOH, $CH_2CH_2C(O)NH_2$, $CH_2CH_2CH_2CH_2NH_2$, $-CH_2CH_2CH_2NHC(NH)NH_2$, CH_2-imidazol-4-yl, CH_2OH, $CH(OH)CH_3$, CH_2((4'-OH)-Ph), CH_2SH, or lower cycloalkyl; or (viii) R^{3a} is CH_3, $-CH_2CH_3$, $CH(CH_3)_2$, $CH_2CH(CH_3)_2$, $CH(CH_3)CH_2CH_3$, CH_2Ph, CH_2-indol-3-yl, $-CH_2CH_2SCH_3$, CH_2CO_2H, $CH_2C(O)NH_2$, CH_2CH_2COOH, $CH_2CH_2C(O)NH_2$, $CH_2CH_2CH_2CH_2NH_2$, $-CH_2CH_2CH_2NHC(NH)NH_2$, CH_2-imidazol-4-yl, CH_2OH, $CH(OH)CH_3$, CH_2((4'-OH)-Ph), CH_2SH, or lower cycloalkyl and R^{3b} is H, where $R^{3'}$ is independently hydrogen or alkyl, which includes, but is not limited to, C_{1-20} alkyl, C_{1-10} alkyl, or C_{1-6} alkyl, $R^{3"}$ is –OR' or $-N(R^{3'})_2$);

(d) R^4 is hydrogen, C_{1-10} alkyl, C_{1-10} alkyl optionally substituted with a lower alkyl, alkoxy, di(lower alkyl)-amino, or halogen, C_{1-10} haloalkyl, C_{3-10} cycloalkyl,

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cycloalkyl alkyl, cycloheteroalkyl, aminoacyl, aryl, such as phenyl, heteroaryl, such as, pyridinyl, substituted aryl, or substituted heteroaryl;

(e) R^5 is H, a lower alkyl, CN, vinyl, O-(lower alkyl), hydroxyl lower alkyl, i.e., -$(CH_2)_pOH$, where p is 1 -6, including hydroxyl methyl (CH_2OH), CH_2F, N_3, CH_2CN, CH_2NH_2, CH_2NHCH_3, $CH_2N(CH_3)_2$, alkyne (optionally substituted), or halogen, including F, Cl, Br, or I, with the provisos that when X is OH, base is cytosine and R^6 is H, R^5 cannot be N_3 and when X is OH, R^6 is CH_3 or CH_2F and B is a purine base, R^5 cannot be H;

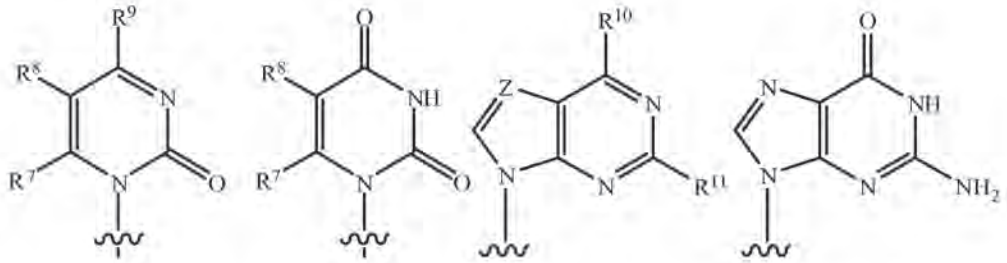
(f) R^6 is H, CH_3, CH_2F, CHF_2, CF_3, F, or CN;

(g) X is H, OH, F, OMe, halogen, NH_2, or N_3;

(h) Y is OH, H, C_{1-4} alkyl, C_{2-4} alkenyl, C_{2-4} alkynyl, vinyl, N_3, CN, Cl, Br, F, I, NO_2, $OC(O)O(C_{1-4}$ alkyl), $OC(O)O(C_{1-4}$ alkyl), $OC(O)O(C_{2-4}$ alkynyl), $OC(O)O(C_{2-4}$ alkenyl), OC_{1-10} haloalkyl, O(aminoacyl), $O(C_{1-10}$ acyl), $O(C_{1-4}$ alkyl), $O(C_{2-4}$ alkenyl), $S(C_{1-4}$ acyl), $S(C_{1-4}$ alkyl), $S(C_{2-4}$ alkynyl), $S(C_{2-4}$ alkenyl), $SO(C_{1-4}$ acyl), $SO(C_{1-4}$ alkyl), $SO(C_{2-4}$ alkynyl), $SO(C_{2-4}$ alkenyl), $SO_2(C_{1-4}$ acyl), $SO_2(C_{1-4}$ alkyl), $SO_2(C_{2-4}$ alkynyl), $SO_2(C_{2-4}$ alkenyl), $OS(O)_2(C_{1-4}$ acyl), $OS(O)_2(C_{1-4}$ alkyl), $OS(O)_2(C_{2-4}$ alkenyl), NH_2, $NH(C_{1-4}$ alkyl), $NH(C_{2-4}$ alkenyl), $NH(C_{2-4}$ alkynyl), $NH(C_{1-4}$ acyl), $N(C_{1-4}$ alkyl)$_2$, $N(C_{1-18}$ acyl)$_2$, wherein alkyl, alkynyl, alkenyl and vinyl are optionally substituted by N_3, CN, one to three halogen (Cl, Br, F, I), NO_2, $C(O)O(C_{1-4}$ alkyl), $C(O)O(C_{1-4}$ alkyl), $C(O)O(C_{2-4}$ alkynyl), $C(O)O(C_{2-4}$ alkenyl), $O(C_{1-4}$ acyl), $O(C_{1-4}$ alkyl), $O(C_{2-4}$ alkenyl), $S(C_{1-4}$ acyl), $S(C_{1-4}$ alkyl), $S(C_{2-4}$ alkynyl), $S(C_{2-4}$ alkenyl), $SO(C_{1-4}$ acyl), $SO(C_{1-4}$ alkyl), $SO(C_{2-4}$ alkynyl), $SO(C_{2-4}$ alkenyl), $SO_2(C_{1-4}$ acyl), $SO_2(C_{1-4}$ alkyl), $SO_2(C_{2-4}$ alkynyl), $SO_2(C_{2-4}$ alkenyl), $OS(O)_2(C_{1-4}$ acyl), $OS(O)_2(C_{1-4}$ alkyl), $OS(O)_2(C_{2-4}$ alkenyl), NH_2, $NH(C_{1-4}$ alkyl), $NH(C_{2-4}$ alkenyl), $NH(C_{2-4}$ alkynyl), $NH(C_{1-4}$ acyl), $N(C_{1-4}$ alkyl)$_2$, $N(C_{1-4}$ acyl)$_2$;

the base is a naturally occurring or modified purine or pyrimidine base represented by the following structures:

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a b c d

wherein

Z is N or CR^{12};

R^7, R^8,R^9, R^{10}, and $R^{11}$are independently H, F, Cl, Br, I, OH, OR', SH, SR', NH_2, NHR', NR'$_2$, lower alkyl of C_1-C_6, halogenated (F, Cl, Br, I) lower alkyl of C_1-C_6, lower alkenyl of C_2-C_6, halogenated (F, Cl, Br, I) lower alkenyl of C_2-C_6, lower alkynyl of C_2-C_6 such as C≡CH, halogenated (F, Cl, Br, I) lower alkynyl of C_2-C_6, lower alkoxy of C_1-C_6, halogenated (F, Cl, Br, I) lower alkoxy of C_1-C_6, CO_2H, CO_2R', $CONH_2$, CONHR', CONR'$_2$, CH=$CHCO_2H$, or CH=$CHCO_2R'$,

wherein R' is an optionally substituted alkyl , which includes, but is not limited to, an optionally substituted C_{1-20} alkyl, an optionally substituted C_{1-10} alkyl, an optionally substituted lower alkyl; an optionally substituted cycloalkyl; an optionally substituted alkynyl of C_2-C_6, an optionally substituted lower alkenyl of C_2-C_6, or optionally substituted acyl, which includes but is not limited to C(O) alkyl, C(O)(C_{1-20} alkyl), C(O)(C_{1-10} alkyl), or C(O)(lower alkyl) or alternatively, in the instance of NR'$_2$, each R' comprise at least one C atom that are joined to form a heterocycle comprising at least two carbon atoms; and

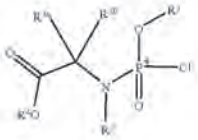
R^{12} is an H, halogen (including F, Cl, Br, I), OH, OR', SH, SR', NH_2, NHR', NR'$_2$, NO_2 lower alkyl of C_1-C_6, halogenated (F, Cl, Br, I) lower alkyl of C_1-C_6, lower alkenyl of C_2-C_6, halogenated (F, Cl, Br, I) lower alkenyl of C_2-C_6 , lower alkynyl of C_2-C_6, halogenated (F, Cl, Br, I) lower alkynyl of C_2-C_6, lower alkoxy of C_1-C_6, halogenated (F, Cl, Br, I) lower alkoxy of C_1-C_6, CO_2H, CO_2R', $CONH_2$, CONHR', CONR'$_2$,

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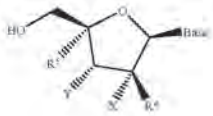
$CH=CHCO_2H$, or $CH=CHCO_2R'$; with the proviso that when base is represented by the structure c with R^{11} being hydrogen, R^{12} is not a: (i) $-C\equiv C-H$, (ii) $-C=CH_2$, or (iii) $-NO_2$;

said process comprising:

reacting a substituted phosphochloridate compound **4** with a nucleoside analog **5**



4



5

10. A process for preparing a compound, its stereoisomer, salt, hydrate, solvate, or crystalline form thereof, selected from among

5 2'-Deoxy-2'-fluoro-2'-*C*-methyluridine 5'-(phenyl methoxy-alanyl phosphate ((S)-2-{[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-propionic acid methyl ester);

6 2'-Deoxy-2'-fluoro-2'-*C*-methyluridine 5'-(phenyl methoxy-valyl phosphate ((S)-2-{[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-3-methyl-butyric acid methyl ester;

7 2'-Deoxy-2'-fluoro-2'-*C*-methyluridine 5'-(4-bromophenyl methoxy-valyl phosphate ((S)-2-{(4-bromo-phenoxy)-[(2R,3R,4R,5R)-5-(2,4-dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phosphorylamino}-3-methyl-butyric acid methyl ester);

8 2'-Deoxy-2'-fluoro-2'-*C*-methyluridine 5'-(4-bromophenyl methoxy-alanyl phosphate (((S)-2-{(4-bromo-phenoxy)-[(2R,3R,4R,5R)-5-(2,4-dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phosphorylamino}-propionic acid methyl ester);

9 N^4-(*N,N*-dimethylformamidinyl)-2'-deoxy-2'-fluoro-2'-*C*-methylcytidine;

10 2'-Deoxy-2'-fluoro-2'-C-methylcytidine 5'-(phenyl methoxy-alanyl phosphate (((S)-2-{[(2R,3R,4R,5R)-5-(2-oxo-3-amino-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenyoxy-phosphorylamino}-propionic acid methyl ester);

11 2'-Deoxy-2'-fluoro-2'-*C*-methylcytidine 5'-(4-bromophenyl methoxy-valyl phosphate (2'-Deoxy-2'-fluoro-2'-*C*-methyluridine 5'-(4-bromophenyl methoxy-valyl phosphate ((S)-2-{(4-bromo-phenoxy)-[(2R,3R,4R,5R)-5-(2-oxo-3-amino-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phosphorylamino}-3-methyl-butyric acid methyl ester);

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12 2'-deoxy-2'-fluoro-2'-*C*-methylcytidine 5'-(phenyl methoxy-valyl phosphate ((S)-2-{[(2R,3R,4R,5R)-5-(2-oxo-3-amino-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-3-methyl-butyric acid methyl ester;

13 (S)-2-{[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-propionic acid ethyl ester;

14 (S)-2-[[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-(naphthalen-1-yloxy)-phosphorylamino]-propionic acid benzyl ester;

15 {[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-acetic acid methyl ester;

16 (S)-2-{(2,4-Dichloro-phenoxy)-[(2R,3R,4R,5R)-5-(2,4-dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phosphorylamino}-propionic acid methyl ester;

17 (S)-2-[[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-(naphthalen-1-yloxy)-phosphorylamino]-propionic acid methyl ester;

18 (S)-1-{[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphoryl}-pyrrolidine-2-carboxylic acid methyl ester;

19 (S)-2-{[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-propionic acid butyl ester;

20 (S)-2-{[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-propionic acid benzyl ester;

21 (S)-2-[[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-(4-fluoro-phenoxy)-phosphorylamino]-propionic acid methyl ester;

22 (S)-2-{(4-Chloro-phenoxy)-[(2R,3R,4R,5R)-5-(2,4-dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phosphorylamino}-propionic acid methyl ester;

23 (S)-2-{(3,4-Dichloro-phenoxy)-[(2R,3R,4R,5R)-5-(2,4-dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phosphorylamino}-propionic acid methyl ester;

24 (S)-2-{[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-propionic acid sec-butyl ester;

25 (S)-2-{[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-propionic acid isopropyl ester;

26 (S)-2-[[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-(4-methoxy-phenoxy)-phosphorylamino]-propionic acid butyl ester;

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27 (S)-2-[[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-(4-fluoro-phenoxy)-phosphorylamino]-propionic acid ethyl ester;

28 (S)-2-[[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-(4-fluoro-phenoxy)-phosphorylamino]-propionic acid isopropyl ester;

29 (S)-2-[[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-(4-fluoro-phenoxy)-phosphorylamino]-propionic acid benzyl ester;

30 (S)-2-[[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-(4-methoxy-phenoxy)-phosphorylamino]-propionic acid isopropyl ester;

31 (S)-2-{(2-Chloro-phenoxy)-[(2R,3R,4R,5R)-5-(2,4-dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phosphorylamino}-propionic acid benzyl ester;

32 (S)-2-{(2,4-Dichloro-phenoxy)-[(2R,3R,4R,5R)-5-(2,4-dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phosphorylamino}-propionic acid butyl ester;

33 (S)-2-{[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-p-tolyloxy-phosphorylamino}-propionic acid isopropyl ester;

34 (S)-2-[[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-(4-fluoro-phenoxy)-phosphorylamino]-propionic acid butyl ester;

35 (S)-2-{(3,4-Dichloro-phenoxy)-[(2R,3R,4R,5R)-5-(2,4-dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phosphorylamino}-propionic acid ethyl ester;

36 (S)-2-{(2-Chloro-phenoxy)-[(2R,3R,4R,5R)-5-(2,4-dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phosphorylamino}-propionic acid isopropyl ester;

37 (S)-2-[[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-(4-methoxy-phenoxy)-phosphorylamino]-propionic acid benzyl ester;

38 (S)-2-{[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-propionic acid pentyl ester;

39 (S)-2-{(4-Chloro-phenoxy)-[(2R,3R,4R,5R)-5-(2,4-dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phosphorylamino}-propionic acid isopropyl ester;

40 (S)-2-{(4-Chloro-phenoxy)-[(2R,3R,4R,5R)-5-(2,4-dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phosphorylamino}-propionic acid butyl ester;

41 (S)-2-{(4-Chloro-phenoxy)-[(2R,3R,4R,5R)-5-(2,4-dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phosphorylamino}-propionic acid ethyl ester;

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42 (S)-2-{[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-p-tolyloxy-phosphorylamino}-propionic acid butyl ester;

43 (S)-2-{[(2R,3R,4R,5R)-5-(2,4-Dioxo- 3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-p-tolyloxy-phosphorylamino}-propionic acid benzyl ester;

44 (S)-2-{[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-butyric acid methyl ester;

45 (S)-2-{[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-propionic acid 4-fluoro-benzyl ester;

46 (S)-2-{(2-Chloro-phenoxy)-[(2R,3R,4R,5R)-5-(2,4-dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phosphorylamino}-propionic acid butyl ester;

47 (S)-2-{[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-propionic acid 3-methyl-butyl ester;

48 (S)-2-{(2,4-Dichloro-phenoxy)-[(2R,3R,4R,5R)-5-(2,4-dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phosphorylamino}-propionic acid ethyl ester;

49 (S)-2-{[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-propionic acid cyclohexyl ester;

50 (R)-2-{[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-propionic acid butyl ester;

51 (R)-2-{[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-propionic acid isopropyl ester;

52 (R)-2-{[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-propionic acid benzyl ester;

53 (S)-2-{(2-Chloro-phenoxy)-[(2R,3R,4R,5R)-5-(2,4-dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phosphorylamino}-propionic acid butyl ester;

54 (S)-2-{(4-Bromo-phenoxy)-[(2R,3R,4R,5R)-5-(2,4-dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phosphorylamino}-propionic acid isopropyl ester;

55 (S)-2-[[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-(4-fluoro-phenoxy)-phosphorylamino]-propionic acid cyclohexyl ester;

56 (S)-2-[[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-(4-bromo-phenoxy)-phosphorylamino]-propionic acid cyclohexyl ester;

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57 (S)-2-{[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-butyric acid isopropyl ester;

58 (S)-2-{[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-butyric acid cyclohexyl ester;

59 (S)-2-[[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-(4-fluoro-phenoxy)-phosphorylamino]-butyric acid cyclohexyl ester;

60 (S)-2-{(4-Chloro-phenoxy)-[(2R,3R,4 R,5R)-5-(2,4-dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phosphorylamino}-butyric acid isopropyl ester;

61 (S)-2-{[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-propionic acid 2,2-difluoro-ethyl ester;

62 (S)-2-{[(2R,3R,4R,5R)-5-(2,4-Dioxo- 3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-propionic acid 2,2,2-trifluoro-1-trifluoromethyl-ethyl ester;

63 (S)-2-{[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-propionic acid 2-fluoro-1-fluoromethyl-ethyl ester;

64 (S)-2-{[(2R,3R,4R,5R)-5-(2,4-Dioxo- 3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-propionic acid cyclopropyl methyl ester;

65 (S)-2-{[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-butyric acid cyclopentyl ester;

66 (S)-2-{[(2R,3R,4R,5R)-5-(6-Amino-purin-9-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-propionic acid methyl ester;

67 (S)-2-{[(2R,3R,4R,5R)-5-(2-Amino-6-hydroxy-purin-9-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-propionic acid methyl ester;

68 (S)-2-{(R)-[(2R,3R,4R,5R)-5-(2,6-Diamino-purin-9-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-propionic acid methyl ester;

69 (S)-2-{[(2R,3R,4R,5R)-5-(2-Amino-6-cyclopentylamino-purin-9-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-propionic acid methyl ester;

70 (S)-2-{[(2R,3R,4R,5R)-5-(2-Amino-6-azetidin-1-yl-purin-9-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-propionic acid methyl ester;

71 (S)-2-{[(2R,3R,4R,5R)-5-(2-Amino-6-diethylamino-purin-9-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-propionic acid methyl ester;

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72 (S)-2-{[(2R,3R,4R,5R)-5-(2-Amino-6-propylamino-purin-9-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-propionic acid methyl ester;

73 (S)-2-{[(2R,3R,4R,5R)-5-(2-Amino-6-cyclobutylamino-purin-9-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-propionic acid methyl ester;

74 (S)-2-({(2R,3R,4R,5R)-5-[2-Amino-6-(4-methyl-piperazin-1-yl)-purin-9-y l]-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy}-phenoxy-p hosphorylamino)-propionic acid methyl ester;

75 (2S)-methyl 2-((((2R,3R,4R,5R)-4-fluoro-3-hydroxy-4-methyl-5-(6-(propylamino)-9H-purin-9-yl)tetrahydrofuran-2-yl)methoxy)(phenoxy)phosphorylamino)propanoate;

76 (2S)-methyl 2-((((2R,3R,4R,5R)-5-(6-(cyclobutylamino)-9H-purin-9-yl)-4-fluoro-3-hydroxy-4-methyltetrahydrofuran-2-yl)methoxy)(phenoxy)phosphorylamino)propanoate;

77 (2S)-methyl 2-((((2R,3R,4R,5R)-5-(6-(cyclopentylamino)-9H-purin-9-yl)-4-fluoro-3-hydroxy-4-methyltetrahydrofuran-2-yl)methoxy)(phenoxy)phosphorylamino)propanoate;

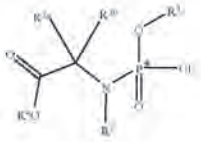
78 (2S)-methyl 2-((((2R,3R,4R,5R)-5-(6-(aziridin-1-yl)-9H-purin-9-yl)-4-fluoro-3-hydroxy-4-methyltetrahydrofuran-2-yl)methoxy)(phenoxy)phosphorylamino)propanoate;

79 (2S)-methyl 2-((((2R,3R,4R,5R)-4-fluoro-3-hydroxy-4-methyl-5-(6-(piperidin-1-yl)-9H-purin-9-yl)tetrahydrofuran-2-yl)methoxy)(phenoxy)phosphorylamino)propanoate; and

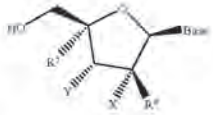
80 (2S)-methyl 2-((((2R,3R,4R,5R)-5-(6-(azetidin-1-yl)-9H-purin-9-yl)-4-fluoro-3-hydroxy-4-methyltetrahydrofuran-2-yl)methoxy)(phenoxy)phosphorylamino)propanoate

said process comprising:

reacting a substituted phosphochloridate compound **4** with a nucleoside analog **5**



4

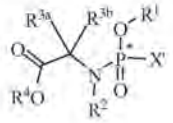


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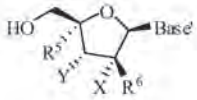
11. A product its stereoisomer, salt, hydrate, solvate or crystalline form thereof, prepared a process comprising:

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reacting a substituted phosphochloridate compound **4** with a nucleoside analog **5**



4



5

wherein

(a) R^1 is hydrogen, n-alkyl; branched alkyl; cycloalkyl; or aryl, which includes, but is not limited to, phenyl or naphthyl, where phenyl or naphthyl are optionally substituted with at least one of C_{1-6} alkyl, C_{2-6} alkenyl, C_{2-6} alkynyl, C_{1-6} alkoxy, F, Cl, Br, I, nitro, cyano, C_{1-6} haloalkyl, $-N(R^{1'})_2$, C_{1-6} acylamino, $-NHSO_2C_{1-6}$ alkyl, $-SO_2N(R^{1'})_2$, $COR^{1''}$, and $-SO_2C_{1-6}$ alkyl; ($R^{1'}$ is independently hydrogen or alkyl, which includes, but is not limited to, C_{1-20} alkyl, C_{1-10} alkyl, or C_{1-6} alkyl, $R^{1''}$ is –OR' or $-N(R^{1'})_2$);

(b) R^2 is hydrogen, C_{1-10} alkyl, R^{3a} or R^{3b} and R^2 together are $(CH_2)_n$ so as to form a cyclic ring that includes the adjoining N and C atoms, $C(O)CR^{3a}R^{3b}NHR^1$, where n is 2 to 4 and R^1, R^{3a}, and R^{3b};

(c) R^{3a} and R^{3b} are (i) independently selected from hydrogen, C_{1-10} alkyl, cycloalkyl, $-(CH_2)_c(NR^{3'})_2$, C_{1-6} hydroxyalkyl, $-CH_2SH$, $-(CH_2)_2S(O)_dMe$, $-(CH_2)_3NHC(=NH)NH_2$, (1H-indol-3-yl)methyl, (1H-imidazol-4-yl)methyl, $-(CH_2)_eCOR^{3''}$, aryl and aryl C_{1-3} alkyl, said aryl groups optionally substituted with a group selected from hydroxyl, C_{1-10} alkyl, C_{1-6} alkoxy, halogen, nitro and cyano; (ii) R^{3a} and R^{3b} both are C_{1-6} alkyl; (iii) R^{3a} and R^{3b} together are$(CH_2)_f$ so as to form a spiro ring; (iv) R^{3a} is hydrogen and R^{3b} and R^2 together are $(CH_2)_n$ so as to form a cyclic ring that includes the adjoining N and C atoms (v) R^{3b} is hydrogen and R^{3a} and R^2 together are $(CH_2)_n$ so as to form a cyclic ring that includes the adjoining N and C atoms, where c is 1 to 6, d is 0 to 2, e is 0 to 3, f is 2 to 5, n is 2 to 4, and where $R^{3'}$ is independently hydrogen or C_{1-6} alkyl and $R^{3''}$ is -OR' or $–N(R^{3'})_2$); (vi) R^{3a} is H and R^{3b} is H, CH_3, CH_2CH_3, $CH(CH_3)_2$, $CH_2CH(CH_3)_2$, $CH(CH_3)CH_2CH_3$, CH_2Ph, CH_2-indol-3-yl, $-CH_2CH_2SCH_3$, CH_2CO_2H, $CH_2C(O)NH_2$, CH_2CH_2COOH, $CH_2CH_2C(O)NH_2$, $CH_2CH_2CH_2CH_2NH_2$, -

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$CH_2CH_2CH_2NHC(NH)NH_2$, CH_2-imidazol-4-yl, CH_2OH, $CH(OH)CH_3$, CH_2((4'-OH)-Ph), CH_2SH, or lower cycloalkyl; or (viii) R^{3a} is CH_3, $-CH_2CH_3$, $CH(CH_3)_2$, $CH_2CH(CH_3)_2$, $CH(CH_3)CH_2CH_3$, CH_2Ph, CH_2-indol-3-yl, $-CH_2CH_2SCH_3$, CH_2CO_2H, $CH_2C(O)NH_2$, CH_2CH_2COOH, $CH_2CH_2C(O)NH_2$, $CH_2CH_2CH_2CH_2NH_2$, $-CH_2CH_2CH_2NHC(NH)NH_2$, CH_2-imidazol-4-yl, CH_2OH, $CH(OH)CH_3$, CH_2((4'-OH)-Ph), CH_2SH, or lower cycloalkyl and R^{3b} is H, where $R^{3'}$ is independently hydrogen or alkyl, which includes, but is not limited to, C_{1-20} alkyl, C_{1-10} alkyl, or C_{1-6} alkyl, $R^{3''}$ is –OR' or $-N(R^{3'})_2$);

(d) R^4 is hydrogen, C_{1-10} alkyl, C_{1-10} alkyl optionally substituted with a lower alkyl, alkoxy, di(lower alkyl)-amino, or halogen, C_{1-10} haloalkyl, C_{3-10} cycloalkyl, cycloalkyl alkyl, cycloheteroalkyl, aminoacyl, aryl, such as phenyl, heteroaryl, such as, pyridinyl, substituted aryl, or substituted heteroaryl;

(e) R^5 is H, a lower alkyl, CN, vinyl, O-(lower alkyl), hydroxyl lower alkyl, i.e., $-(CH_2)_pOH$, where p is 1 -6, including hydroxyl methyl (CH_2OH), CH_2F, N_3, CH_2CN, CH_2NH_2, CH_2NHCH_3, $CH_2N(CH_3)_2$, alkyne (optionally substituted), or halogen, including F, Cl, Br, or I, with the provisos that when X is OH, base is cytosine and R^6 is H, R^5 cannot be N_3 and when X is OH, R^6 is CH_3 or CH_2F and B is a purine base, R^5 cannot be H;

(f) R^6 is H, CH_3, CH_2F, CHF_2, CF_3, F, or CN;

(g) X is H, OH, F, OMe, halogen, NH_2, or N_3;

(h) Y is OH, H, C_{1-4} alkyl, C_{2-4} alkenyl, C_{2-4} alkynyl, vinyl, N_3, CN, Cl, Br, F, I, NO_2, $OC(O)O(C_{1-4}$ alkyl), $OC(O)O(C_{1-4}$ alkyl), $OC(O)O(C_{2-4}$ alkynyl), $OC(O)O(C_{2-4}$ alkenyl), OC_{1-10} haloalkyl, O(aminoacyl), $O(C_{1-10}$ acyl), $O(C_{1-4}$ alkyl), $O(C_{2-4}$ alkenyl), $S(C_{1-4}$ acyl), $S(C_{1-4}$ alkyl), $S(C_{2-4}$ alkynyl), $S(C_{2-4}$ alkenyl), $SO(C_{1-4}$ acyl), $SO(C_{1-4}$ alkyl), $SO(C_{2-4}$ alkynyl), $SO(C_{2-4}$ alkenyl), $SO_2(C_{1-4}$ acyl), $SO_2(C_{1-4}$ alkyl), $SO_2(C_{2-4}$ alkynyl), $SO_2(C_{2-4}$ alkenyl), $OS(O)_2(C_{1-4}$ acyl), $OS(O)_2(C_{1-4}$ alkyl), $OS(O)_2(C_{2-4}$ alkenyl), NH_2, $NH(C_{1-4}$ alkyl), $NH(C_{2-4}$ alkenyl), $NH(C_{2-4}$ alkynyl), $NH(C_{1-4}$ acyl), $N(C_{1-4}$ alkyl)$_2$, $N(C_{1-18}$ acyl)$_2$, wherein alkyl, alkynyl, alkenyl and vinyl are optionally substituted by N_3, CN,

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one to three halogen (Cl, Br, F, I), NO_2, $C(O)O(C_{1-4}$ alkyl), $C(O)O(C_{1-4}$ alkyl), $C(O)O(C_{2-4}$ alkynyl), $C(O)O(C_{2-4}$ alkenyl), $O(C_{1-4}$ acyl), $O(C_{1-4}$ alkyl), $O(C_{2-4}$ alkenyl), $S(C_{1-4}$ acyl), $S(C_{1-4}$ alkyl), $S(C_{2-4}$ alkynyl), $S(C_{2-4}$ alkenyl), $SO(C_{1-4}$ acyl), $SO(C_{1-4}$ alkyl), $SO(C_{2-4}$ alkynyl), $SO(C_{2-4}$ alkenyl), $SO_2(C_{1-4}$ acyl), $SO_2(C_{1-4}$ alkyl), $SO_2(C_{2-4}$ alkynyl), $SO_2(C_{2-4}$ alkenyl), $OS(O)_2(C_{1-4}$ acyl), $OS(O)_2(C_{1-4}$ alkyl), $OS(O)_2(C_{2-4}$ alkenyl), NH_2, $NH(C_{1-4}$ alkyl), $NH(C_{2-4}$ alkenyl), $NH(C_{2-4}$ alkynyl), $NH(C_{1-4}$ acyl), $N(C_{1-4}$ alkyl$)_2$, $N(C_{1-4}$ acyl$)_2$;

the base is a naturally occurring or modified purine or pyrimidine base represented by the following structures:



a **b** **c** **d**

wherein

Z is N or CR^{12};

R^7, R^8,R^9, R^{10}, and $R^{11}$are independently H, F, Cl, Br, I, OH, OR', SH, SR', NH_2, NHR', NR'$_2$, lower alkyl of C_1-C_6, halogenated (F, Cl, Br, I) lower alkyl of C_1-C_6, lower alkenyl of C_2-C_6, halogenated (F, Cl, Br, I) lower alkenyl of C_2-C_6, lower alkynyl of C_2-C_6 such as C≡CH, halogenated (F, Cl, Br, I) lower alkynyl of C_2-C_6, lower alkoxy of C_1-C_6, halogenated (F, Cl, Br, I) lower alkoxy of C_1-C_6, CO_2H, CO_2R', $CONH_2$, CONHR', CONR'$_2$, $CH=CHCO_2H$, or $CH=CHCO_2R'$,

wherein R' is an optionally substituted alkyl , which includes, but is not limited to, an optionally substituted C_{1-20} alkyl, an optionally substituted C_{1-10} alkyl, an optionally substituted lower alkyl; an optionally substituted cycloalkyl; an optionally substituted

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alkynyl of C_2-C_6, an optionally substituted lower alkenyl of C_2-C_6, or optionally substituted acyl, which includes but is not limited to C(O) alkyl, C(O)(C_{1-20} alkyl), C(O)(C_{1-10} alkyl), or C(O)(lower alkyl) or alternatively, in the instance of NR'_2, each R' comprise at least one C atom that are joined to form a heterocycle comprising at least two carbon atoms; and

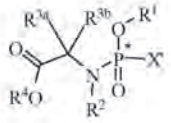
R^{12} is an H, halogen (including F, Cl, Br, I), OH, OR', SH, SR', NH_2, NHR', NR'_2, NO_2 lower alkyl of C_1-C_6, halogenated (F, Cl, Br, I) lower alkyl of C_1-C_6, lower alkenyl of C_2-C_6, halogenated (F, Cl, Br, I) lower alkenyl of C_2-C_6 , lower alkynyl of C_2-C_6, halogenated (F, Cl, Br, I) lower alkynyl of C_2-C_6, lower alkoxy of C_1-C_6, halogenated (F, Cl, Br, I) lower alkoxy of C_1-C_6, CO_2H, CO_2R', $CONH_2$, CONHR', $CONR'_2$, $CH=CHCO_2H$, or $CH=CHCO_2R'$; with the proviso that when base is represented by the structure c with R^{11} being hydrogen, R^{12} is not a: (i) –C≡C–H, (ii) $–C=CH_2$, or (iii) $–NO_2$

and

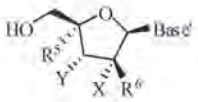
wherein X' is a leaving group, such as, Cl.

12. A product its stereoisomer, salt, hydrate, solvate or crystalline form thereof, prepared a process comprising:

reacting a substituted phosphochloridate compound **4** with a nucleoside analog **5**



4



5 ;

wherein the product comprises a compound, its stereoisomer, salt, hydrate, solvate, or crystalline form thereof, selected from among

5 2'-Deoxy-2'-fluoro-2'-*C*-methyluridine 5'-(phenyl methoxy-alanyl phosphate ((S)-2-{[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-propionic acid methyl ester);

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6 2'-Deoxy-2'-fluoro-2'-*C*-methyluridine 5'-(phenyl methoxy-valyl phosphate ((S)-2-{[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-3-methyl-butyric acid methyl ester;

7 2'-Deoxy-2'-fluoro-2'-*C*-methyluridine 5'-(4-bromophenyl methoxy-valyl phosphate ((S)-2-{(4-bromo-phenoxy)-[(2R,3R,4R,5R)-5-(2,4-dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phosphorylamino}-3-methyl-butyric acid methyl ester);

8 2'-Deoxy-2'-fluoro-2'-*C*-methyluridine 5'-(4-bromophenyl methoxy-alanyl phosphate (((S)-2-{(4-bromo-phenoxy)-[(2R,3R,4R,5R)-5-(2,4-dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phosphorylamino}-propionic acid methyl ester);

9 N^4-(*N,N*-dimethylformamidinyl)-2'-deoxy-2'-fluoro-2'-*C*-methylcytidine;

10 2'-Deoxy-2'-fluoro-2'-C-methylcytidine 5'-(phenyl methoxy-alanyl phosphate (((S)-2-{[(2R,3R,4R,5R)-5-(2-oxo-3-amino-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenyoxy-phosphorylamino}-propionic acid methyl ester);

11 2'-Deoxy-2'-fluoro-2'-*C*-methylcytidine 5'-(4-bromophenyl methoxy-valyl phosphate (2'-Deoxy-2'-fluoro-2'-*C*-methyluridine 5'-(4-bromophenyl methoxy-valyl phosphate ((S)-2-{(4-bromo-phenoxy)-[(2R,3R,4R,5R)-5-(2-oxo-3-amino-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phosphorylamino}-3-methyl-butyric acid methyl ester);

12 2'-deoxy-2'-fluoro-2'-*C*-methylcytidine 5'-(phenyl methoxy-valyl phosphate ((S)-2-{[(2R,3R,4R,5R)-5-(2-oxo-3-amino-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-3-methyl-butyric acid methyl ester;

13 (S)-2-{[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-propionic acid ethyl ester;

14 (S)-2-[[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-(naphthalen-1-yloxy)-phosphorylamino]-propionic acid benzyl ester;

15 {[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-acetic acid methyl ester;

16 (S)-2-{(2,4-Dichloro-phenoxy)-[(2R,3R,4R,5R)-5-(2,4-dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phosphorylamino}-propionic acid methyl ester;

17 (S)-2-[[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-(naphthalen-1-yloxy)-phosphorylamino]-propionic acid methyl ester;

18 (S)-1-{[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphoryl}-pyrrolidine-2-carboxylic acid methyl ester;

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19 (S)-2-{[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-propionic acid butyl ester;

20 (S)-2-{[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-propionic acid benzyl ester;

21 (S)-2-[[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-(4-fluoro-phenoxy)-phosphorylamino]-propionic acid methyl ester;

22 (S)-2-{(4-Chloro-phenoxy)-[(2R,3R,4R,5R)-5-(2,4-dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phosphorylamino}-propionic acid methyl ester;

23 (S)-2-{(3,4-Dichloro-phenoxy)-[(2R,3R,4R,5R)-5-(2,4-dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phosphorylamino}-propionic acid methyl ester;

24 (S)-2-{[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-propionic acid sec-butyl ester;

25 (S)-2-{[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-propionic acid isopropyl ester;

26 (S)-2-[[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-(4-methoxy-phenoxy)-phosphorylamino]-propionic acid butyl ester;

27 (S)-2-[[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-(4-fluoro-phenoxy)-phosphorylamino]-propionic acid ethyl ester;

28 (S)-2-[[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-(4-fluoro-phenoxy)-phosphorylamino]-propionic acid isopropyl ester;

29 (S)-2-[[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-(4-fluoro-phenoxy)-phosphorylamino]-propionic acid benzyl ester;

30 (S)-2-[[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-(4-methoxy-phenoxy)-phosphorylamino]-propionic acid isopropyl ester;

31 (S)-2-{(2-Chloro-phenoxy)-[(2R,3R,4R,5R)-5-(2,4-dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phosphorylamino}-propionic acid benzyl ester;

32 (S)-2-{(2,4-Dichloro-phenoxy)-[(2R,3R,4R,5R)-5-(2,4-dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phosphorylamino}-propionic acid butyl ester;

33 (S)-2-{[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-p-tolyloxy-phosphorylamino}-propionic acid isopropyl ester;

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34 (S)-2-[[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-(4-fluoro-phenoxy)-phosphorylamino]-propionic acid butyl ester;

35 (S)-2-{(3,4-Dichloro-phenoxy)-[(2R,3R,4R,5R)-5-(2,4-dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phosphorylamino}-propionic acid ethyl ester;

36 (S)-2-{(2-Chloro-phenoxy)-[(2R,3R,4R,5R)-5-(2,4-dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phosphorylamino}-propionic acid isopropyl ester;

37 (S)-2-[[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-(4-methoxy-phenoxy)-phosphorylamino]-propionic acid benzyl ester;

38 (S)-2-{[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-propionic acid pentyl ester;

39 (S)-2-{(4-Chloro-phenoxy)-[(2R,3R,4R,5R)-5-(2,4-dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phosphorylamino}-propionic acid isopropyl ester;

40 (S)-2-{(4-Chloro-phenoxy)-[(2R,3R,4R,5R)-5-(2,4-dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phosphorylamino}-propionic acid butyl ester;

41 (S)-2-{(4-Chloro-phenoxy)-[(2R,3R,4R,5R)-5-(2,4-dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phosphorylamino}-propionic acid ethyl ester;

42 (S)-2-{[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-p-tolyloxy-phosphorylamino}-propionic acid butyl ester;

43 (S)-2-{[(2R,3R,4R,5R)-5-(2,4-Dioxo- 3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-p-tolyloxy-phosphorylamino}-propionic acid benzyl ester;

44 (S)-2-{[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-butyric acid methyl ester;

45 (S)-2-{[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-propionic acid 4-fluoro-benzyl ester;

46 (S)-2-{(2-Chloro-phenoxy)-[(2R,3R,4R,5R)-5-(2,4-dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phosphorylamino}-propionic acid butyl ester;

47 (S)-2-{[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-propionic acid 3-methyl-butyl ester;

48 (S)-2-{(2,4-Dichloro-phenoxy)-[(2R,3R,4R,5R)-5-(2,4-dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phosphorylamino}-propionic acid ethyl ester;

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49 (S)-2-{[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-propionic acid cyclohexyl ester;

50 (R)-2-{[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-propionic acid butyl ester;

51 (R)-2-{[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-propionic acid isopropyl ester;

52 (R)-2-{[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-propionic acid benzyl ester;

53 (S)-2-{(2-Chloro-phenoxy)-[(2R,3R,4R,5R)-5-(2,4-dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phosphorylamino}-propionic acid butyl ester;

54 (S)-2-{(4-Bromo-phenoxy)-[(2R,3R,4R,5R)-5-(2,4-dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phosphorylamino}-propionic acid isopropyl ester;

55 (S)-2-[[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-(4-fluoro-phenoxy)-phosphorylamino]-propionic acid cyclohexyl ester;

56 (S)-2-[[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-(4-bromo-phenoxy)-phosphorylamino]-propionic acid cyclohexyl ester;

57 (S)-2-{[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-butyric acid isopropyl ester;

58 (S)-2-{[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-butyric acid cyclohexyl ester;

59 (S)-2-[[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-(4-fluoro-phenoxy)-phosphorylamino]-butyric acid cyclohexyl ester;

60 (S)-2-{(4-Chloro-phenoxy)-[(2R,3R,4 R,5R)-5-(2,4-dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phosphorylamino}-butyric acid isopropyl ester;

61 (S)-2-{[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-propionic acid 2,2-difluoro-ethyl ester;

62 (S)-2-{[(2R,3R,4R,5R)-5-(2,4-Dioxo- 3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-propionic acid 2,2,2-trifluoro-1-trifluoromethyl-ethyl ester;

63 (S)-2-{[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-propionic acid 2-fluoro-1-fluoromethyl-ethyl ester;

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64 (S)-2-{[(2R,3R,4R,5R)-5-(2,4-Dioxo- 3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-propionic acid cyclopropyl methyl ester;

65 (S)-2-{[(2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-butyric acid cyclopentyl ester;

66 (S)-2-{[(2R,3R,4R,5R)-5-(6-Amino-purin-9-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-propionic acid methyl ester;

67 (S)-2-{[(2R,3R,4R,5R)-5-(2-Amino-6-hydroxy-purin-9-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-propionic acid methyl ester;

68 (S)-2-{(R)-[(2R,3R,4R,5R)-5-(2,6-Diamino-purin-9-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-propionic acid methyl ester;

69 (S)-2-{[(2R,3R,4R,5R)-5-(2-Amino-6-cyclopentylamino-purin-9-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-propionic acid methyl ester;

70 (S)-2-{[(2R,3R,4R,5R)-5-(2-Amino-6-azetidin-1-yl-purin-9-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-propionic acid methyl ester;

71 (S)-2-{[(2R,3R,4R,5R)-5-(2-Amino-6-diethylamino-purin-9-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-propionic acid methyl ester;

72 (S)-2-{[(2R,3R,4R,5R)-5-(2-Amino-6-propylamino-purin-9-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-propionic acid methyl ester;

73 (S)-2-{[(2R,3R,4R,5R)-5-(2-Amino-6-cyclobutylamino-purin-9-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy]-phenoxy-phosphorylamino}-propionic acid methyl ester;

74 (S)-2-({(2R,3R,4R,5R)-5-[2-Amino-6-(4-methyl-piperazin-1-yl)-purin-9-yl]-4-fluoro-3-hydroxy-4-methyl-tetrahydro-furan-2-ylmethoxy}-phenoxy-phosphorylamino)-propionic acid methyl ester;

75 (2S)-methyl 2-((((2R,3R,4R,5R)-4-fluoro-3-hydroxy-4-methyl-5-(6-(propylamino)-9H-purin-9-yl)tetrahydrofuran-2-yl)methoxy)(phenoxy)phosphorylamino)propanoate;

76 (2S)-methyl 2-((((2R,3R,4R,5R)-5-(6-(cyclobutylamino)-9H-purin-9-yl)-4-fluoro-3-hydroxy-4-methyltetrahydrofuran-2-yl)methoxy)(phenoxy)phosphorylamino)propanoate;

77 (2S)-methyl 2-((((2R,3R,4R,5R)-5-(6-(cyclopentylamino)-9H-purin-9-yl)-4-fluoro-3-hydroxy-4-methyltetrahydrofuran-2-yl)methoxy)(phenoxy)phosphorylamino)propanoate;

78 (2S)-methyl 2-((((2R,3R,4R,5R)-5-(6-(aziridin-1-yl)-9H-purin-9-yl)-4-fluoro-3-hydroxy-4-methyltetrahydrofuran-2-yl)methoxy)(phenoxy)phosphorylamino)propanoate;

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79 (2S)-methyl 2-((((2R,3R,4R,5R)-4-fluoro-3-hydroxy-4-methyl-5-(6-(piperidin-1-yl)-9H-purin-9-yl)tetrahydrofuran-2-yl)methoxy)(phenoxy)phosphorylamino)propanoate; and

80 (2S)-methyl 2-((((2R,3R,4R,5R)-5-(6-(azetidin-1-yl)-9H-purin-9-yl)-4-fluoro-3-hydroxy-4-methyltetrahydrofuran-2-yl)methoxy)(phenoxy)phosphorylamino)propanoate

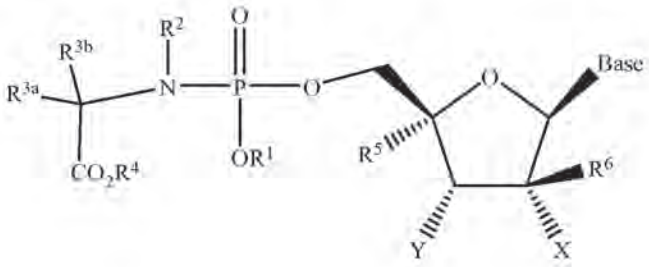
wherein Base' is as recited in each of compounds 5-74; and

wherein X' is a leaving group, such as, Cl.

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ABSTRACT

Disclosed herein are phosphoramidate prodrugs of nucleoside derivatives for the treatment of viral infections in mammals, which is a compound, its stereoisomer, salt (acid or basic addition salt), hydrate, solvate, or crystalline form thereof, represented by the following structure:



I

Also disclosed are methods of treatment, uses, and processes for preparing each of which utilize the compound represented by formula **I**.

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Doc code: IDS
Doc description: Information Disclosure Statement (IDS) Filed

PTO/SB/08a (01-10)
Approved for use through 07/31/2012. OMB 0651-0031
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Filing Date	2013-08-29
First Named Inventor	Jinfa Du
Art Unit	NYA
Examiner Name	NYA
Attorney Docket Number	03956.053800.3

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	10	02/100415	WO	A2	2002-12-19	F. HOFFMANN-LA ROCHE AG		☐
	11	03/000713	WO	A1	2003-01-03	GLAXO GROUP LTD.		☐
	12	03/006490	WO	A1	2003-01-23	VERTEX PHARMA., INC.		☐
	13	03/010141	WO	A2	2003-02-06	BOEHRINGER INGELHEIM CA LTD.		☐
	14	03/024461	WO	A1	2003-03-27	SCHERING CORP.		☐
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	16	03/037895	WO	A1	2003-05-08	GLAXO GROUP LTD.		☐
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	28	2004/003000	WO	A2	2004-01-08	IDENIX CAYMAN LTD CENTRE NAT RECH SCIENT		☐
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	Attorney Docket Number	03956.053800.3

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	5	Nelson et al., "The Question of Chair-twist Equilibria for the Phosphate Rings of Nucleoside Cyclic 3',5'-Monophosphates. 1H NMR and X-ray Crystallographic Study of Diastereomers of Thymidine Phenyl Cyclic 3',5'-Monophosphate," J. Am. Chem. Soc., Vol. 109, No. 13, pages 4058 - 4064 (1987)	☐
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	8	International Preliminary Report on Patentability and Written Opinion of the International Searching Authority issued in International Application No. PCT/US2005/025916 (4 pages)	☐
	9	The Extended search report includes the supplementary European search report issued in European Application No. 05775359.2 dated September 15, 2010 (9 pages)	☐
	10	International Preliminary Report on Patentability and Written Opinion of the International Searching Authority issued in International Application No. PCT/US2005/032406 (4 pages)	☐
	11	International Preliminary Report on Patentability and Written Opinion of the International Searching Authority issued in International Application No. PCT/EP2006/069060 (13 pages)	☐

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	
	Filing Date	2013-08-29
	First Named Inventor	Jinfa Du
	Art Unit	NYA
	Examiner Name	NYA
	Attorney Docket Number	03956.053800.3

	12	Written Opinion of the International Searching Authority issued in the International Application No. PCT/US/2008/058183 (12 pages)	☐
	13	International Search Report issued in International Application No. PCT/US2009/046619 (4 pages)	☐
	14	Partial International Search Report issued in International Application No. PCT/US2009/069475 (7 pages)	☐
	15	International Search Report and Written Opinion of the International Searching Authority issued in International Application No. PCT/US2009/069475 (21 pages)	☐
	16	Invitation to Pay Additional Fees & Partial International Search Report issued in International Application No. PCT/US2010/035641 (10 pages)	☐
	17	International Search Report and Written Opinion of the International Searching Authority issued in PCT/US2010/035641 (23 pages)	☐
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	38	Farquhar et al., "Synthesis and Biological Evaluation of Neutral Derivatives of 5-Fluoro-2'-deoxyuridine 5'-Phosphate," J. Med. Chem., Vol. 26, No. 8, pages 1153 - 1158 (1983)	☐
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EXAMINER SIGNATURE

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[1] See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. [2] Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). [3] For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. [4] Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. [5] Applicant is to place a check mark here if English language translation is attached.

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	Examiner Name	NYA
	Attorney Docket Number	03956.053800.3

CERTIFICATION STATEMENT

Please see 37 CFR 1.97 and 1.98 to make the appropriate selection(s):

☐ That each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(1).

OR

☐ That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(2).

☐ See attached certification statement.

☐ The fee set forth in 37 CFR 1.17 (p) has been submitted herewith.

☒ A certification statement is not submitted herewith.

SIGNATURE

A signature of the applicant or representative is required in accordance with CFR 1.33, 10.18. Please see CFR 1.4(d) for the form of the signature.

Signature	/Alicia A. Russo/	Date (YYYY-MM-DD)	2013-08-29
Name/Print	Alicia A. Russo	Registration Number	46192

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1 hour to complete, including gathering, preparing and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether the Freedom of Information Act requires disclosure of these record s.

2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.

3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.

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5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.

6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).

7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:	)	
	:	Examiner: Unassigned
GILEAD PHARMASSET LLC	)	
	:	Group Art Unit: Unassigned
Application No.: 14/013,237	)	
	:	Confirmation No.: 7005
Filed: August 29, 2013	)	
	:	
For: NUCLEOSIDE PHOSPHORAMIDATE PRODRUGS	)	August 30, 2013

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

PRELIMINARY AMENDMENT

Sir:

Prior to examination on the merits, please amend the application as follows. No fee is believed due. However, please charge any fee due in connection with this paper or credit any overpayment to Deposit Account 50-3939.

Amendments to the Specification begin on page **2** of this paper.

Amendments to the Claims begin on page **3** of this paper.

Remarks begin on page **12** of this paper.

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Amendments to the Specification

Please insert the following paragraph on page 1 after the title but before the sub-heading "Field of the Invention":

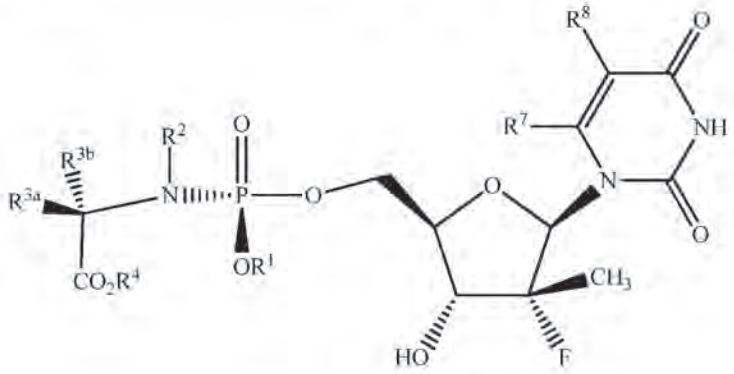
This application is a continuation of U.S. Patent Application No. 13/609,614, filed September 11, 2012, which is a continuation of U.S. Application No. 13/099,671, filed May 3, 2011, now U.S. Patent No. 8,334,270, which is a continuation of U.S. Patent Application No. 12/053,015, filed March 21, 2008, now U.S. Patent No. 7,964,580, which claims priority under 35 U.S.C. § 119(e) to U.S. Provisional Application Nos. 60/909,315, filed March 30, 2007, and 60/982,309, filed October 24, 2007, all of which are hereby incorporated by reference in their entireties.

Amendments to the Claims:

The following listing of the claims replaces all prior versions and listings.

1.-12. (Cancelled).

13. (New): A compound represented by the following formula:



wherein

R^1 is hydrogen, methyl, ethyl, *n*-propyl, *i*-propyl, or a substituted or unsubstituted phenyl, where the substitutent of the substituted phenyl is at least one of a CH_3, OCH_3, F, Cl, Br, I, nitro, cyano, and a $CH_{3-q}X_q$, where X is F, Cl, Br, or I, and q is 1-3;

R^2 is hydrogen or CH_3;

R^{3a} is H and R^{3b} is H, CH_3, $CH(CH_3)_2$, $CH_2CH(CH_3)_2$, $CH(CH_3)CH_2CH_3$, CH_2Ph, CH_2-indol-3-yl, $-CH_2CH_2SCH_3$, CH_2CO_2H, $CH_2C(O)NH_2$, CH_2CH_2COOH, $CH_2CH_2C(O)NH_2$, $CH_2CH_2CH_2CH_2NH_2$, $-CH_2CH_2CH_2NHC(NH)NH_2$, CH_2-imidazol-4-yl, CH_2OH, $CH(OH)CH_3$, CH_2((4'-OH)-Ph), CH_2SH, or lower cycloalkyl, or

R^{3a} is CH_3, $CH(CH_3)_2$, $CH_2CH(CH_3)_2$, $CH(CH_3)CH_2CH_3$, CH_2Ph, CH_2-indol-3-yl, $-CH_2CH_2SCH_3$, CH_2CO_2H, $CH_2C(O)NH_2$, CH_2CH_2COOH, $CH_2CH_2C(O)NH_2$, $CH_2CH_2CH_2CH_2NH_2$, $-CH_2CH_2CH_2NHC(NH)NH_2$,

CH_2-imidazol-4-yl, CH_2OH, $CH(OH)CH_3$, CH_2((4'-OH)-Ph), CH_2SH, or lower cycloalkyl and R^{3b} is H;

R^4 is hydrogen, CH_3, Et, ^{i}Pr, ^{n}Pr, ^{n}Bu, 2-butyl, ^{t}Bu, benzyl, cyclopropyl, cyclobutyl, cyclopentyl, cyclohexyl, N-methyl-aziridin-2-yl, N-methyl-azetidin-3-yl, N-methyl-pyrrolidin-3-yl, N-methyl-pyrrolidin-4-yl, N-methyl-piperidin-4-yl, lower haloalkyl, or di(lower alkyl)amino-lower alkyl; and

R^7 and R^8 are independently H, F, Cl, Br, I, OH, OCH_3, SH, SCH_3, NH_2, $NHCH_3$, $N(CH_3)_2$, CH_3, $CH_{3-q}X_q$, where X is F, Cl, Br, or I and q is 1 to 3, vinyl, CO_2H, CO_2CH_3, $CONH_2$, $CONHCH_3$, or $CON(CH_3)_2$, wherein R' is a C_{1-20} alkyl; a C_{1-20} cycloalkyl; a C_2-C_6 alkenyl, a C_2-C_6 alkynyl.

14. (New): The compound according to claim 13, wherein:

R^1 is hydrogen, methyl, ethyl, *n*-propyl, *i*-propyl, phenyl, p-tolyl, p-bromo-phenyl, p-chloro-phenyl, p-fluorophenyl;

R^{3a} is H; and

R^{3b} is H, CH_3, $CH(CH_3)_2$, $CH_2CH(CH_3)_2$, $CH(CH_3)CH_2CH_3$, CH_2Ph, CH_2-indol-3-yl, $-CH_2CH_2SCH_3$, CH_2CO_2H, $CH_2C(O)NH_2$, CH_2CH_2COOH, $CH_2CH_2C(O)NH_2$, $CH_2CH_2CH_2CH_2NH_2$, $-CH_2CH_2CH_2NHC(NH)NH_2$, CH_2-imidazol-4-yl, CH_2OH, $CH(OH)CH_3$, CH_2((4'-OH)-Ph), CH_2SH, or lower cycloalkyl.

15. (New): The compound according to claim 13, wherein:

R^1 is hydrogen, methyl, ethyl, *n*-propyl, *i*-propyl, phenyl, p-tolyl, p-bromo-phenyl, p-chloro-phenyl, p-fluorophenyl;

R^{3a} is H;

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R^{3b} is H, CH_3, $CH(CH_3)_2$, $CH_2CH(CH_3)_2$, $CH(CH_3)CH_2CH_3$, CH_2Ph, or lower cycloalkyl; and

R^7 and R^8 are independently H, F, Br, SCH_3, CH_3, $CH_{3-q}X_q$, where X is F, Cl, Br, or I and q is 1 to 3, vinyl, CO_2CH_3, $CONH_2$, $CONHCH_3$, or $CON(CH_3)_2$.

16. (New): The compound according to claim 13, wherein:

R^1 is hydrogen, methyl, ethyl, *n*-propyl, *i*-propyl, phenyl, p-tolyl, p-bromo-phenyl, p-chloro-phenyl, p-fluorophenyl;

R^2 is hydrogen;

R^{3a} is H;

R^{3b} is H, CH_3, $CH(CH_3)_2$, $CH_2CH(CH_3)_2$, $CH(CH_3)CH_2CH_3$, CH_2Ph, or lower cycloalkyl; and

R^7 and R^8 are independently H, F, Br, SCH_3, CH_3, $CH_{3-q}X_q$, where X is F, Cl, Br, or I and q is 1 to 3, vinyl, CO_2CH_3, $CONH_2$, $CONHCH_3$, or $CON(CH_3)_2$.

17. (New): The compound according to claim 13, wherein:

R^1 is hydrogen, methyl, phenyl, p-bromo-phenyl, p-chloro-phenyl, p-fluorophenyl;

R^2 is hydrogen;

R^{3a} is H;

R^{3b} is H, CH_3, $CH(CH_3)_2$, $CH_2CH(CH_3)_2$, $CH(CH_3)CH_2CH_3$, CH_2Ph, or lower cycloalkyl; and

R^7 and R^8 are independently H, F, Br, SCH_3, CH_3, $CH_{3-q}X_q$, where X is F, Cl, Br, or I and q is 1 to 3, vinyl, CO_2CH_3, $CONH_2$, $CONHCH_3$, or $CON(CH_3)_2$.

18. (New): A composition comprising the compound according to claim 13.

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19. (New): A composition comprising the compound according to claim 13 and a pharmaceutically acceptable medium.

20. (New): A composition comprising an effective amount of the compound according to claim 13 to treat a hepatitis C virus infection and a pharmaceutically acceptable medium.

21. (New): A method of treating a subject infected by a virus selected from among hepatitis C virus, West Nile virus, yellow fever virus, dengue virus, rhinovirus, polio virus, hepatitis A virus, bovine viral diarrhea virus or Japanese encephalitis virus, which comprises administering to the subject an effective amount of the compound according to claim 13.

22. (New): The method of claim 21, wherein the virus is hepatitis C virus.

23. (New): The method of claim 22, which further comprises administering to the subject an effective amount of another antiviral agent.

24. (New): The method of claim 22, wherein the subject is a human.

25. (New): The method of claim 23, wherein:

R^1 is phenyl;

R^2 is hydrogen;

R^{3a} is H;

R^{3b} is CH_3;

R^4 is ^{i}Pr; and

R^7 and R^8 are both H.

26. (New): The method of claim 24, wherein:

R^1 is phenyl;

R^2 is hydrogen;

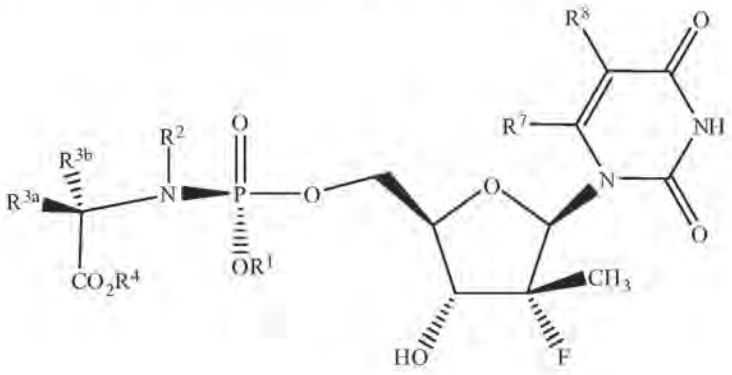
R^{3a} is H;

R^{3b} is CH_3;

R^4 is ^{i}Pr; and

R^7 and R^8 are both H.

27. (New): A compound represented by the following formula:



wherein

R^1 is hydrogen, methyl, ethyl, *n*-propyl, *i*-propyl, or a substituted or unsubstituted phenyl, where the substitutent of the substituted phenyl is at least one of a CH_3, OCH_3, F, Cl, Br, I, nitro, cyano, and a $CH_{3-q}X_q$, where X is F, Cl, Br, or I, and q is 1-3;

R^2 is hydrogen or CH_3;

R^{3a} is H and R^{3b} is H, CH_3, $CH(CH_3)_2$, $CH_2CH(CH_3)_2$, $CH(CH_3)CH_2CH_3$, CH_2Ph, CH_2-indol-3-yl, $-CH_2CH_2SCH_3$, CH_2CO_2H, $CH_2C(O)NH_2$, CH_2CH_2COOH, $CH_2CH_2C(O)NH_2$, $CH_2CH_2CH_2CH_2NH_2$, $-CH_2CH_2CH_2NHC(NH)NH_2$, CH_2-imidazol-4-yl, CH_2OH, $CH(OH)CH_3$, CH_2((4'-OH)-Ph), CH_2SH, or lower cycloalkyl, or

R^{3a} is CH_3, $CH(CH_3)_2$, $CH_2CH(CH_3)_2$, $CH(CH_3)CH_2CH_3$, CH_2Ph, CH_2-indol-3-yl, $-CH_2CH_2SCH_3$, CH_2CO_2H, $CH_2C(O)NH_2$, CH_2CH_2COOH, $CH_2CH_2C(O)NH_2$, $CH_2CH_2CH_2CH_2NH_2$, $-CH_2CH_2CH_2NHC(NH)NH_2$, CH_2-imidazol-4-yl, CH_2OH, $CH(OH)CH_3$, CH_2((4'-OH)-Ph), CH_2SH, or lower cycloalkyl and R^{3b} is H;

R^4 is hydrogen, CH_3, Et, ^{i}Pr, ^{n}Pr, ^{n}Bu, 2-butyl, ^{t}Bu, benzyl, cyclopropyl, cyclobutyl, cyclopentyl, cyclohexyl, N-methyl-aziridin-2-yl, N-methyl-azetidin-3-yl, N-methyl-pyrrolidin-3-yl, N-methyl-pyrrolidin-4-yl, N-methyl-piperidin-4-yl, lower haloalkyl, or di(lower alkyl)amino-lower alkyl; and

R^7 and R^8 are independently H, F, Cl, Br, I, OH, OCH_3, SH, SCH_3, NH_2, $NHCH_3$, $N(CH_3)_2$, CH_3, $CH_{3-q}X_q$, where X is F, Cl, Br, or I and q is 1 to 3, vinyl, CO_2H, CO_2CH_3, $CONH_2$, $CONHCH_3$, or $CON(CH_3)_2$, wherein R' is a C_{1-20} alkyl; a C_{1-20} cycloalkyl; a C_2-C_6 alkenyl, a C_2-C_6 alkynyl.

28. (New): The compound according to claim 27, wherein:

R^1 is hydrogen, methyl, ethyl, *n*-propyl, *i*-propyl, phenyl, p-tolyl, p-bromo-phenyl, p-chloro-phenyl, p-fluorophenyl;

R^{3a} is H; and

R^{3b} is H, CH_3, $CH(CH_3)_2$, $CH_2CH(CH_3)_2$, $CH(CH_3)CH_2CH_3$, CH_2Ph, CH_2-indol-3-yl, $-CH_2CH_2SCH_3$, CH_2CO_2H, $CH_2C(O)NH_2$, CH_2CH_2COOH, $CH_2CH_2C(O)NH_2$, $CH_2CH_2CH_2CH_2NH_2$, $-CH_2CH_2CH_2NHC(NH)NH_2$, CH_2-imidazol-4-yl, CH_2OH, $CH(OH)CH_3$, CH_2((4'-OH)-Ph), CH_2SH, or lower cycloalkyl.

29. (New): The compound according to claim 27, wherein:

R^1 is hydrogen, methyl, ethyl, *n*-propyl, *i*-propyl, phenyl, p-tolyl, p-bromo-phenyl, p-chloro-phenyl, p-fluorophenyl;

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R^{3a} is H;

R^{3b} is H, CH_3, $CH(CH_3)_2$, $CH_2CH(CH_3)_2$, $CH(CH_3)CH_2CH_3$, CH_2Ph, or lower cycloalkyl; and

R^7 and R^8 are independently H, F, Br, SCH_3, CH_3, $CH_{3-q}X_q$, where X is F, Cl, Br, or I and q is 1 to 3, vinyl, CO_2CH_3, $CONH_2$, $CONHCH_3$, or $CON(CH_3)_2$.

30. (New): The compound according to claim 27, wherein:

R^1 is hydrogen, methyl, ethyl, *n*-propyl, *i*-propyl, phenyl, p-tolyl, p-bromo-phenyl, p-chloro-phenyl, p-fluorophenyl;

R^2 is hydrogen;

R^{3a} is H;

R^{3b} is H, CH_3, $CH(CH_3)_2$, $CH_2CH(CH_3)_2$, $CH(CH_3)CH_2CH_3$, CH_2Ph, or lower cycloalkyl; and

R^7 and R^8 are independently H, F, Br, SCH_3, CH_3, $CH_{3-q}X_q$, where X is F, Cl, Br, or I and q is 1 to 3, vinyl, CO_2CH_3, $CONH_2$, $CONHCH_3$, or $CON(CH_3)_2$.

31. (New): The compound according to claim 27, wherein:

R^1 is hydrogen, methyl, phenyl, p-bromo-phenyl, p-chloro-phenyl, p-fluorophenyl;

R^2 is hydrogen;

R^{3a} is H;

R^{3b} is H, CH_3, $CH(CH_3)_2$, $CH_2CH(CH_3)_2$, $CH(CH_3)CH_2CH_3$, CH_2Ph, or lower cycloalkyl; and

R^7 and R^8 are independently H, F, Br, SCH_3, CH_3, $CH_{3-q}X_q$, where X is F, Cl, Br, or I and q is 1 to 3, vinyl, CO_2CH_3, $CONH_2$, $CONHCH_3$, or $CON(CH_3)_2$.

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32. (New): A composition comprising the compound according to claim 27.

33. (New): A composition comprising the compound according to claim 27 and a pharmaceutically acceptable medium.

34. (New): A composition comprising an effective amount of the compound according to claim 27 to treat a hepatitis C virus infection and a pharmaceutically acceptable medium.

35. (New): A method of treating a subject infected by a virus selected from among hepatitis C virus, West Nile virus, yellow fever virus, dengue virus, rhinovirus, polio virus, hepatitis A virus, bovine viral diarrhea virus or Japanese encephalitis virus, which comprises administering to the subject an effective amount of the compound according to claim 27.

36. (New): The method of claim 35, wherein the virus is hepatitis C virus.

37. (New): The method of claim 36, which further comprises administering to the subject an effective amount of another antiviral agent.

38. (New): The method of claim 36, wherein the subject is a human.

39. (New): The method of claim 37, wherein:

R^1 is phenyl;

R^2 is hydrogen;

R^{3a} is H;

R^{3b} is CH_3;

R^4 is ^{i}Pr; and

R^7 and R^8 are both H.

40. (New): The method of claim 38, wherein:

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PGR2023-00046 - Page 00849

R^1 is phenyl;

R^2 is hydrogen;

R^{3a} is H;

R^{3b} is CH_3;

R^4 is ^{i}Pr; and

R^7 and R^8 are both H.

REMARKS

This application is a continuation of U.S. Patent Application No. 13/609,614 filed September 11, 2012.

The specification is amended to include the continuity data for the application.

Claims 1-12 have been cancelled. New claims 13-40 have been added.

Support for new claims 13-17 and 27-31 is found, for example, on pages 19, 44-48, 100-101, 224-240, 651-659, 662-669 and 674-678 of the application as filed. Support for new claims 18-20 and 32-34 is found, for example, on pages 641-645 of the application as filed. Support for new claims 21-24 and 35-38 is found, for example, on pages 645-649 of the application as filed. Support for new claims 25, 26, 39 and 40 is found, for example, on pages 19, 100-101, 232, 645-649, 664, 674-675 and 677 of the application as filed.

It is believed that no new matter has been added by the new claims.

The Applicant respectfully requests entry of the foregoing Preliminary Amendment and favorable consideration of the application.

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PGR2023-00046 - Page 00851

The Applicant's undersigned attorneys may be reached in their New York office by telephone at (212) 218-2100. All correspondence should be directed to the address given below.

Respectfully submitted.

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PGR2023-00046 - Page 00852

Electronic Acknowledgement Receipt	
EFS ID:	16729049
Application Number:	14013237
International Application Number:	
Confirmation Number:	7005
Title of Invention:	NUCLEOSIDE PHOSPHORAMIDATE PRODRUGS
First Named Inventor/Applicant Name:	Jinfa Du
Customer Number:	104538
Filer:	Alicia Russo/DAVID NGUY
Filer Authorized By:	Alicia Russo
Attorney Docket Number:	03956.053800.3
Receipt Date:	30-AUG-2013
Filing Date:	
Time Stamp:	09:40:50
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1		036956053800-3PrelAmend.pdf	154164 697153315cbdf5b71606257f00bb9010311c10ef	yes	13

	Multipart Description/PDF files in .zip description		
	Document Description	**Start**	**End**
	Preliminary Amendment	1	1
	Specification	2	2
	Claims	3	11
	Applicant Arguments/Remarks Made in an Amendment	12	13
Warnings:			
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If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

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Document code: WFEE

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT
(Not for submission under 37 CFR 1.99)

Application Number	14013237
Filing Date	2013-08-29
First Named Inventor	Jinfa Du
Art Unit	1623
Examiner Name	NYA
Attorney Docket Number	03956.053800.3

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	1	20130029929	A1	2013-01-31	Sofia et al	
	2	20130137654	A1	2013-05-30	Gilead Pharmasset LLC	
	3	20130165401	A1	2013-06-27	Gilead Pharmasset LLC	
	4	20130165644	A1	2013-06-27	Gilead Pharmasset LLC	

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	14013237
	Filing Date	2013-08-29
	First Named Inventor	Jinfa Du
	Art Unit	1623
	Examiner Name	NYA
	Attorney Docket Number	03956.053800.3

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Examiner Signature		Date Considered	

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[1] See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. [2] Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). [3] For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. [4] Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. [5] Applicant is to place a check mark here if English language translation is attached.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	14013237
	Filing Date	2013-08-29
	First Named Inventor	Jinfa Du
	Art Unit	1623
	Examiner Name	NYA
	Attorney Docket Number	03956.053800.3

CERTIFICATION STATEMENT

Please see 37 CFR 1.97 and 1.98 to make the appropriate selection(s):

☐ That each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(1).

OR

☐ That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(2).

☐ See attached certification statement.

☐ The fee set forth in 37 CFR 1.17 (p) has been submitted herewith.

☒ A certification statement is not submitted herewith.

SIGNATURE

A signature of the applicant or representative is required in accordance with CFR 1.33, 10.18. Please see CFR 1.4(d) for the form of the signature.

Signature	/Alicia A. Russo/	Date (YYYY-MM-DD)	2013-09-25
Name/Print	Alicia A. Russo	Registration Number	46,192

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1 hour to complete, including gathering, preparing and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

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2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.

3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.

4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).

5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.

6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).

7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.

8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspections or an issued patent.

9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

Attorney Docket Number 03956.053800.3 PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:	)	
	:	Examiner: Unassigned
GILEAD PHARMASSET LLC	)	
	:	Group Art Unit: 1623
Application No.: 14/013,237	)	
	:	Confirmation No.: 7005
Filed: August 29, 2013	)	
	:	
For: NUCLEOSIDE PHOSPHORAMIDATE PRODRUGS	)	
	:	
	)	September 25, 2013

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56 and in accordance with the practice under 37 C.F.R. §§ 1.97 and 1.98, the Examiner's attention is directed to the documents listed on the concurrently submitted Form PTO/SB/08a.

The Examiner's attention is also directed to the following U.S. Applications, which are electronically viewable:

Appln. No.	Filing Date	Group Art Unit	Examiner's Initials
13/925,078	2013-06-24	1623	
13/936,448	2013-07-08	1621	

In accordance with 37 C.F.R. § 1.97(h) and MPEP § 2129, the Applicant makes no admission regarding whether these references are, or are considered to be, material to patentability.

Pursuant to 37 C.F.R. § 1.97(b), no fee is believed due in connection with this paper. Should the Office determine that any fee is due, the Commissioner is hereby authorized to charge any deficiency, or credit any overpayment, to Deposit Account No. 50-3939.

The Applicant's undersigned attorneys may be reached in their New York office by telephone at (212) 218-2100. All correspondence should be directed to the address given below.

Respectfully submitted,

/Alicia A. Russo/
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PGR2023-00046 - Page 00861

Electronic Acknowledgement Receipt

EFS ID:	16947278
Application Number:	14013237
International Application Number:	
Confirmation Number:	7005
Title of Invention:	NUCLEOSIDE PHOSPHORAMIDATE PRODRUGS
First Named Inventor/Applicant Name:	Jinfa Du
Customer Number:	104538
Filer:	Erin Julia Daida Austin/DAVID NGUY
Filer Authorized By:	Erin Julia Daida Austin
Attorney Docket Number:	03956.053800.3
Receipt Date:	25-SEP-2013
Filing Date:	29-AUG-2013
Time Stamp:	10:53:03
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Information Disclosure Statement (IDS) Form (SB08)	039560538003_SB08.pdf	612490 015f2eb6e5bd2ef708b47072e91b1a84f9ab bcaa	no	4

Warnings:	
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