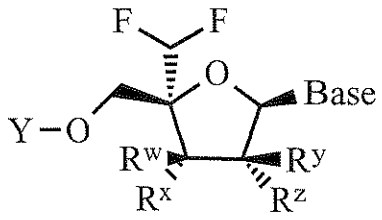
virus encoded polymerase subunits (PA, PB1, PB2) and a virus encoded single stranded RNA binding protein (NP) are necessary and sufficient to perform RNA replication.

SUMMARY ~~OF THE INVENTION~~

[0005] The compounds of Formula I are useful for the treatment of diseases mediated by Influenza and for pharmaceutical compositions comprising such compounds.

[0006] The application provides, in one aspect, a compound of Formula I



I

wherein:

Y is H or P(=X)(R')(R);

R is O-R^1 or $NHR^{1'}$;

$R^{1'}$ is $-C(R^{2a})(R^{2b})C(=O)OR^3$;

R' is $N(R^4)C(R^{2a})(R^{2b})C(=O)OR^3$, $-OP(=O)(OH)OP(=O)(OH)OH$, or $-OR^3$;

R^1 is H, lower haloalkyl, or aryl, wherein aryl is phenyl or naphthylenyl, optionally substituted with one or more lower alkyl, lower alkenyl, lower alkynyl, lower alkoxy, halo, lower haloalkyl, $-N(R^{1a})_2$, acylamino, $-SO_2N(R^{1a})_2$, $-C(=O)R^{1b}$, $-SO_2(R^{1c})$, $-NHSO_2(R^{1c})$, nitro, cyano, or $R^{1''}$;

each R^{1a} is independently H or lower alkyl;

each R^{1b} is independently $-OR^{1a}$ or $-N(R^{1a})_2$;

each R^{1c} is lower alkyl;

each R^{2a} and R^{2b} is independently H, lower alkyl, $-(CH_2)_rN(R^{1a})_2$, lower hydroxyalkyl, $-CH_2SH$, $-(CH_2)S(O)_pMe$, $-(CH_2)_nNHC(=NH)NH_2$, (1*H*-indol-3-yl)methyl, (1*H*-indol-4-yl)methyl, $-(CH2)_mC(=O)R^{1b}$, aryl and aryl lower alkyl, wherein aryl is optionally substituted with one or more hydroxy, lower alkyl, lower alkoxy, halo, nitro or cyano;

m is 0, 1, or 2;

n is 1, 2, or 3;

p is 1 or 2;

r is 1 or 2;

or R^{2a} is H and R^{2b} and R^4 together form $(CH_2)_n$;

each R^3 is independently H, lower alkyl, lower haloalkyl, phenyl or phenyl lower alkyl, wherein phenyl and phenyl lower alkyl are optionally substituted with lower alkoxy;

or R^3 and $R^{1''}$ together form CH_2;

each R^4 is independently H, lower alkyl;

or R^{2b} and R^4 together form $(CH_2)_3$;

R^w, R^y, and R^z are each independently H, OH or F;

R^x is H, OH, or F;

or R^3 and R^x together form a bond;

or R^1 and R^x together form a bond;

X is O or S;

Base is uracil, cytosine, guanine, adenine, thymine, or heterocycloalkyl, each of which may optionally be substituted with one or more hydroxy, lower alkyl, lower alkoxy, halo, nitro or cyano;

with the proviso that if Rw is H, Ry is H, and Rz is H, then Rz is not H; and

with the proviso that Formula I is not ((2R,3R,4R,5R)-5-(4-amino-2-oxopyrimidin-1(2H)-yl)-2-(difluoromethyl)-4-fluoro-3-hydroxytetrahydrofuran-2-yl)methyl tetrahydrogen triphosphate;

or a pharmacologically acceptable salt thereof.

[0006a] The application provides, in another aspect, a compound selected from the list consisting of:

4'-Difluoromethyluridine;

4'-Difluoromethyluridine-5'-(*O*-phenyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

4'-Difluoromethyluridine-5'-(*O*-phenyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

4'-Difluoromethyluridine-5'-(*O*-1-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

4'-Difluoromethyluridine-5'-(*O*-1-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

4'-Difluoromethyluridine-5'-(*O*-2-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

4'-Difluoromethyluridine-5'-(*O*-2-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

4'-Difluoromethyluridine-5'-{*N,N'*-bis[(S)-1-(isopropoxylcarbonyl)ethyl]phosphorodiamidate};

4'-Difluoromethyluridine-5'-{*N,N'*-bis[(S)-1-(isopropoxylcarbonyl)ethyl]thiophosphorodiamidate};

4'-Difluoromethyl-5'-*O*-(2-oxido-4-H-1,3,2-benzodioxaphosphorin-2-yl)-uridine;

4'-Difluoromethyl-5'-*O*-(2-sulfide-4-H-1,3,2-benzodioxaphosphorin-2-yl)-uridine;

4'-Difluoromethyl-5'-*O*-[bis(4-methoxyphenoxy)phosphinyl] uridine;

4'-Difluoromethyl-5'-*O*-[bis(4-methoxyphenoxy)thiophosphinyl] uridine;

4'-Difluoromethyluridine-3',5'-cyclic phosphoric acid isopropyl ester;

4'-Difluoromethyluridine-3',5'-cyclic thiophosphoric acid isopropyl ester;

4'-Difluoromethyl-5-fluorouridine;

4'-Difluoromethyl-5-fluorouridine-5'-(*O*-phenyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

4'-Difluoromethyl-5-fluorouridine-5'-(*O*-phenyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

4'-Difluoromethyl-5-fluorouridine-5'-(*O*-1-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

4'-Difluoromethyl-5-fluorouridine-5'-(*O*-1-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

4'-Difluoromethyl-5-fluorouridine-5'-(*O*-2-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

4'-Difluoromethyl-5-fluorouridine-5'-(*O*-2-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

4'-Difluoromethyluridine-5'-{*N,N'*-bis[(S)-1-(isopropoxylcarbonyl)ethyl]phosphorodiamidate};

4'-Difluoromethyl5-fluorouridine-5'-{*N,N'*-bis[(S)-1-(isopropoxylcarbonyl)ethyl]thiophosphorodiamidate};

4'-Difluoromethyl-5'-*O*-(2-oxido-4-H-1,3,2-benzodioxaphosphorin-2-yl)-5-fluorouridine;

4'-Difluoromethyl-5'-*O*-(2-sulfide-4-H-1,3,2-benzodioxaphosphorin-2-yl)-5-fluorouridine;

4'-Difluoromethyl-5'-*O*-[bis(4-methoxyphenoxy)phosphinyl] -5-fluorouridine;

4'-Difluoromethyl-5'-*O*-[bis(4-methoxyphenoxy)thiophosphinyl] -5-fluorouridine;

4'-Difluoromethyl-5-fluorouridine-3',5'-cyclic phosphoric acid isopropyl ester;

4'-Difluoromethyl-5-fluorouridine-3',5'-cyclic thiophosphoric acid isopropyl ester;

4'-Difluoromethyl-5-chlorouridine;

4'-Difluoromethyl-5-chlorouridine-5'-(*O*-phenyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

4'-Difluoromethyl-5-chlorouridine-5'-(*O*-phenyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

4'-Difluoromethyl-5-chlorouridine-5'-(*O*-1-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

4'-Difluoromethyl-5-chlorouridine-5'-(*O*-1-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

4'-Difluoromethyl-5-chlorouridine-5'-(*O*-2-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

4'-Difluoromethyl-5-chlorouridine-5'-(*O*-2-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

4'-Difluoromethyl-5-chlorouridine-5'-{*N,N'*-bis[(S)-1-(isopropoxylcarbonyl)ethyl]phosphorodiamidate};

4'-Difluoromethyl-5-chlorouridine-5'-{*N,N'*-bis[(S)-1-(isopropoxylcarbonyl)ethyl]thiophosphorodiamidate};

4'-Difluoromethyl-5'-*O*-(2-oxido-4-H-1,3,2-benzodioxaphosphorin-2-yl)-5-chlorouridine;

4'-Difluoromethyl-5'-*O*-(2-sulfide-4-H-1,3,2-benzodioxaphosphorin-2-yl)-5-chlorouridine;

4'-Difluoromethyl-5'-*O*-[bis(4-methoxyphenoxy)phosphinyl]-5-chlorouridine;

4'-Difluoromethyl-5'-*O*-[bis(4-methoxyphenoxy)thiophosphinyl]-5-chlorouridine;

4'-Difluoromethyl-5-chlorouridine-3',5'-cyclic phosphoric acid isopropyl ester;

4'-Difluoromethyl-5-chlorouridine-3',5'-cyclic thiophosphoric acid isopropyl ester;

4'-Difluoromethylcytidine;

4'-Difluoromethylcytidine-5'-(*O*-phenyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

4'-Difluoromethylcytidine-5'-(*O*-phenyl-*N*-(S)-1-(benzyloxycarbonyl)ethyl phosphoramidate;

4'-Difluoromethylcytidine-5'-(*O*-phenyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

4'-Difluoromethylcytidine-5'-(*O*-1-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

4'-Difluoromethylcytidine-5'-(*O*-1-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

4'-Difluoromethylcytidine-5'-(*O*-2-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

4'-Difluoromethylcytidine-5'-(*O*-2-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

4'-Difluoromethylcytidine-5'-{*N,N'*-bis[(S)-1-(isopropoxylcarbonyl)ethyl]phosphorodiamidate};

4'-Difluoromethylcytidine-5'-{*N,N'*-bis[(S)-1-(isopropoxylcarbonyl)ethyl]thiophosphorodiamidate};

4'-Difluoromethyl-5'-*O*-(2-oxido-4-H-1,3,2-benzodioxaphosphorin-2-yl)-cytidine;

4'-Difluoromethyl-5'-*O*-(2-sulfide-4-H-1,3,2-benzodioxaphosphorin-2-yl)-cytidine;

4'-Difluoromethyl-5'-*O*-[bis(4-methoxyphenoxy)phosphinyl] cytidine;

4'-Difluoromethyl-5'-*O*-[bis(4-methoxyphenoxy)thiophosphinyl] cytidine;

4'-Difluoromethylcytidine-3',5'-cyclic phosphoric acid isopropyl ester;

4'-Difluoromethylcytidine-3',5'-cyclic thiophosphoric acid isopropyl ester;

4'-Difluoromethyl-5-fluorocytidine;

4'-Difluoromethyl-5-fluorocytidine-5'-(*O*-phenyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

4'-Difluoromethyl-5-fluorocytidine-5'-(*O*-phenyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

4'-Difluoromethyl-5-fluorocytidine-5'-(*O*-1-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

4'-Difluoromethyl-5-fluorocytidine-5'-(*O*-1-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

4'-Difluoromethyl-5-fluorocytidine-5'-(*O*-2-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

4'-Difluoromethyl-5-fluorocytidine-5'-(*O*-2-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

4'-Difluoromethyl-5-fluorocytidine-5'-{*N,N'*-bis[(S)-1-(isopropoxylcarbonyl)ethyl]phosphorodiamidate};

4'-Difluoromethyl-5-fluorocytidine-5'-{*N,N'*-bis[(S)-1-(isopropoxylcarbonyl)ethyl]thiophosphorodiamidate};

4'-Difluoromethyl-5'-*O*-(2-oxido-4-H-1,3,2-benzodioxaphosphorin-2-yl)-5-fluorocytidine;

4'-Difluoromethyl-5'-*O*-(2-sulfide-4-H-1,3,2-benzodioxaphosphorin-2-yl)-5-fluorocytidine;

4'-Difluoromethyl-5'-*O*-[bis(4-methoxyphenoxy)phosphinyl] -5-fluorocytidine;

4'-Difluoromethyl-5'-*O*-[bis(4-methoxyphenoxy)thiophosphinyl] -5-fluorocytidine;

4'-Difluoromethyl-5-fluorcytidine-3',5'-cyclic phosphoric acid isopropyl ester;

4'-Difluoromethyl-5-fluorocytidine-3',5'-cyclic thiophosphoric acid isopropyl ester;

4'-Difluoromethyl-5-chlorocytidine;

4'-Difluoromethyl-5-chlorocytidine-5'-(*O*-phenyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

4'-Difluoromethyl-5-chlorocytidine-5'-(*O*-phenyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

4'-Difluoromethyl5-chlorocytidine-5'-(*O*-1-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

4'-Difluoromethyl-5-chlorocytidine-5'-(*O*-1-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

4'-Difluoromethyl-5-chlorocytidine-5'-(*O*-2-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

4'-Difluoromethyl-5-chlorocytidine-5'-(*O*-2-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

4'-Difluoromethyl-5-chlorocytidine-5'-{*N,N'*-bis[(S)-1-(isopropoxylcarbonyl)ethyl]phosphorodiamidate};

4'-Difluoromethyl-5-chlorocytidine-5'-{*N,N'*-bis[(S)-1-(isopropoxylcarbonyl)ethyl]thiophosphorodiamidate};

4'-Difluoromethyl-5'-*O*-(2-oxido-4-H-1,3,2-benzodioxaphosphorin-2-yl)-5-chlorocytidine;

4'-Difluoromethyl-5'-*O*-(2-sulfide-4-H-1,3,2-benzodioxaphosphorin-2-yl)-5-chlorocytidine;

4'-Difluoromethyl-5'-*O*-[bis(4-methoxyphenoxy)phosphinyl] -5-chlorocytidine;

4'-Difluoromethyl-5'-*O*-[bis(4-methoxyphenoxy)thiophosphinyl] -5-chlorocytidine;

4'-Difluoromethyl-5-chlorocytidine-3',5'-cyclic phosphoric acid isopropyl ester;

4'-Difluoromethyl-5-chlorocytidine-3',5'-cyclic thiophosphoric acid isopropyl ester;

4'-Difluoromethyladenosine;

4'-Difluoromethyladenosine-5'-(*O*-phenyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

4'-Difluoromethyladenosine-5'-(*O*-phenyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

4'-Difluoromethyladenosine-5'-(*O*-1-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

4'-Difluoromethyladenosine-5'-(*O*-1-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

4'-Difluoromethyladenosine-5'-(*O*-2-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

4'-Difluoromethyladenosine-5'-(*O*-2-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

4'-Difluoromethyladenosine-5'-{*N,N'*-bis[(S)-1-(isopropoxylcarbonyl)ethyl]phosphorodiamidate;

4'-Difluoromethyladenosine-5'-{*N,N'*-bis[(S)-1-(isopropoxylcarbonyl)ethyl]thiophosphorodiamidate;

4'-Difluoromethyl-5'-*O*-(2-oxido-4-H-1,3,2-benzodioxaphosphorin-2-yl)-adenosine;

4'-Difluoromethyl-5'-*O*-(2-sulfide-4-H-1,3,2-benzodioxaphosphorin-2-yl)-adenosine;

4'-Difluoromethyl-5'-*O*-[bis(4-methoxyphenoxy)phosphinyl] adenosine;

4'-Difluoromethyl-5'-*O*-[bis(4-methoxyphenoxy)thiophosphinyl] adenosine;

4'-Difluoromethyladenosine-3',5'-cyclic phosphoric acid isopropyl ester;

4'-Difluoromethyladenosine-3',5'-cyclic thiophosphoric acid isopropyl ester;

4'-Difluoromethyl-7-adenosine;

4'-Difluoromethyl-7-adenosine-5'-(*O*-phenyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

4'-Difluoromethyl-7-adenosine-5'-(*O*-phenyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

4'-Difluoromethyladenosine-5'-(*O*-1-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

4'-Difluoromethyl-7-adenosine-5'-(*O*-1-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

4'-Difluoromethyl-7-adenosine-5'-(*O*-2-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

4'-Difluoromethyl-7-adenosine-5'-(*O*-2-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

4'-Difluoromethyl-7-adenosine-5'-{*N,N'*-bis[(S)-1-(isopropoxylcarbonyl)ethyl]phosphorodiamidate;

4'-Difluoromethyl-7-adenosine-5'-{*N,N'*-bis[(S)-1-(isopropoxylcarbonyl)ethyl]thiophosphorodiamidate;

4'-Difluoromethyl-5'-*O*-(2-oxido-4-H-1,3,2-benzodioxaphosphorin-2-yl)-7-adenosine;

4'-Difluoromethyl-5'-*O*-(2-sulfide-4-H-1,3,2-benzodioxaphosphorin-2-yl)-7-adenosine;

4'-Difluoromethyl-5'-*O*-[bis(4-methoxyphenoxy)phosphinyl]-7-adenosine;

4'-Difluoromethyl-5'-*O*-[bis(4-methoxyphenoxy)thiophosphinyl] adenosine;

4'-Difluoromethyl-7-adenosine-3',5'-cyclic phosphoric acid isopropyl ester;

4'-Difluoromethyl-7-adenosine-3',5'-cyclic thiophosphoric acid isopropyl ester;

4'-Difluoromethylguanosine;

4'-Difluoromethylguanosine-5'-(*O*-phenyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

4'-Difluoromethylguanosine-5'-(*O*-phenyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

4'-Difluoromethylguanosine-5'-(*O*-1-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

4'-Difluoromethylguanosine-5'-(*O*-1-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

4'-Difluoromethylguanosine-5'-(*O*-2-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

4'-Difluoromethylguanosine-5'-(*O*-2-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

4'-Difluoromethylguanosine-5'-{*N,N'*-bis[(S)-1-(isopropoxylcarbonyl)ethyl]phosphorodiamidate;

4'-Difluoromethylguanosine-5'-{*N,N'*-bis[(S)-1-(isopropoxylcarbonyl)ethyl]thiophosphorodiamidate;

4'-Difluoromethyl-5'-*O*-(2-oxido-4-H-1,3,2-benzodioxaphosphorin-2-yl)-guanosine;

4'-Difluoromethyl-5'-*O*-(2-sulfide-4-H-1,3,2-benzodioxaphosphorin-2-yl)-guanosine;

4'-Difluoromethyl-5'-*O*-[bis(4-methoxyphenoxy)phosphinyl] guanosine;

4'-Difluoromethyl-5'-*O*-[bis(4-methoxyphenoxy)thiophosphinyl] guanosine;

4'-Difluoromethylguanosine-3',5'-cyclic phosphoric acid isopropyl ester;

4'-Difluoromethylguanosine-3',5'-cyclic thiophosphoric acid isopropyl ester;

2'-Deoxy-2'-fluoro-4'-difluoromethyluridine;

2'-Deoxy-2'-fluoro-4'-difluoromethyluridine-5'-(*O*-phenyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

2'-Deoxy-2'-fluoro-4'-difluoromethyluridine-5'-(*O*-phenyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

2'-Deoxy-2'-fluoro-4'-difluoromethyluridine-5'-(*O*-1-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

2'-Deoxy-2'-fluoro-4'-difluoromethyluridine-5'-(*O*-1-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

2'-Deoxy-2'-fluoro-4'-difluoromethyluridine-5'-(*O*-2-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

2'-Deoxy-2'-fluoro-4'-difluoromethyluridine-5'-(*O*-2-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

2'-Deoxy-2'-fluoro-4'-difluoromethyluridine-5'-{*N,N'*-bis[(S)-1-(isopropoxylcarbonyl)ethyl]phosphorodiamidate;

2'-Deoxy-2'-fluoro-4'-difluoromethyluridine-5'-{*N,N'*-bis[(S)-1-(isopropoxylcarbonyl)ethyl]thiophosphorodiamidate;

2'-Deoxy-2'-fluoro-4'-difluoromethyl-5'-*O*-(2-oxido-4-H-1,3,2-benzodioxaphosphorin-2-yl)-uridine;

2'-Deoxy-2'-fluoro-4'-difluoromethyl-5'-*O*-(2-sulfide-4-H-1,3,2-benzodioxaphosphorin-2-yl)-uridine;

2'-Deoxy-2'-fluoro-4'-difluoromethyl-5'-*O*-[bis(4-methoxyphenoxy)phosphinyl] uridine;

2'-Deoxy-2'-fluoro-4'-difluoromethyl-5'-*O*-[bis(4-methoxyphenoxy)thiophosphinyl] uridine;

2'-Deoxy-2'-fluoro-4'-difluoromethyluridine-3',5'-cyclic phosphoric acid isopropyl ester;

2'-Deoxy-2'-fluoro-4'-difluoromethyluridine-3',5'-cyclic thiophosphoric acid isopropyl ester;

2'-Deoxy-2'-fluoro-4'-difluoromethyl-5-fluorouridine;

2'-Deoxy-2'-fluoro-4'-difluoromethyl-5-fluorouridine-5'-(*O*-phenyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

2'-Deoxy-2'-fluoro-4'-difluoromethyl-5-fluorouridine-5'-(*O*-phenyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

2'-Deoxy-2'-fluoro-4'-difluoromethyl-5-fluorouridine-5'-(*O*-1-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

2'-Deoxy-2'-fluoro-4'-difluoromethyluridine-5'-(*O*-1-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

2'-Deoxy-2'-fluoro-4'-difluoromethyl-5-fluorouridine-5'-(*O*-2-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

2'-Deoxy-2'-fluoro-4'-difluoromethyl-5-fluorouridine-5'-(*O*-2-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

2'-Deoxy-2'-fluoro-4'-difluoromethyl-5-fluorouridine-5'-{*N,N'*-bis[(S)-1-(isopropoxylcarbonyl)ethyl]phosphorodiamidate;

2'-Deoxy-2'-fluoro-4'-difluoromethyl-5-fluorouridine-5'-{*N,N'*-bis[(S)-1-(isopropoxylcarbonyl)ethyl]thiophosphorodiamidate;

2'-Deoxy-2'-fluoro-4'-difluoromethyl-5'-*O*-(2-oxido-4-H-1,3,2-benzodioxaphosphorin-2-yl)-5-fluorouridine;

2'-Deoxy-2'-fluoro-4'-difluoromethyl-5'-*O*-(2-sulfide-4-H-1,3,2-benzodioxaphosphorin-2-yl)-5-fluorouridine;

2'-Deoxy-2'-fluoro-4'-difluoromethyl-5'-*O*-[bis(4-methoxyphenoxy)phosphinyl]-5-fluorouridine;

2'-Deoxy-2'-fluoro-4'-difluoromethyl-5'-*O*-[bis(4-methoxyphenoxy)thiophosphinyl]-5-uridine;

2'-Deoxy-2'-fluoro-4'-difluoromethyl-5-fluorouridine-3',5'-cyclic phosphoric acid isopropyl ester;

2'-Deoxy-2'-fluoro-4'-difluoromethyl-5-fluorouridine-3',5'-cyclic thiophosphoric acid isopropyl ester;

2'-Deoxy-2'-fluoro-4'-difluoromethyl-5-chlorouridine;

2'-Deoxy-2'-fluoro-4'-difluoromethyl-5-chlorouridine-5'-(*O*-phenyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

2'-Deoxy-2'-fluoro-4'-difluoromethyl-5-chlorouridine-5'-(*O*-phenyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

2'-Deoxy-2'-fluoro-4'-difluoromethyl-5-chlorouridine-5'-(*O*-1-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

2'-Deoxy-2'-fluoro-4'-difluoromethyl-5-chlorouridine-5'-(*O*-1-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

2'-Deoxy-2'-fluoro-4'-difluoromethyl-5-chlorouridine-5'-(*O*-2-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

2'-Deoxy-2'-fluoro-4'-difluoromethyl-5-chlorouridine-5'-(*O*-2-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

2'-Deoxy-2'-fluoro-4'-difluoromethyl-5-chlorouridine-5'-{*N,N'*-bis[(S)-1-(isopropoxylcarbonyl)ethyl]phosphorodiamidate;

2'-Deoxy-2'-fluoro-4'-difluoromethyl-5-chlorouridine-5'-{*N,N'*-bis[(S)-1-(isopropoxylcarbonyl)ethyl]thiophosphorodiamidate;

2'-Deoxy-2'-fluoro-4'-difluoromethyl-5'-*O*-(2-oxido-4-H-1,3,2-benzodioxaphosphorin-2-yl)-5-chlorouridine;

2'-Deoxy-2'-fluoro-4'-difluoromethyl-5'-*O*-(2-sulfide-4-H-1,3,2-benzodioxaphosphorin-2-yl)-5-chlorouridine;

2'-Deoxy-2'-fluoro-4'-difluoromethyl-5'-*O*-[bis(4-methoxyphenoxy)phosphinyl]-5-chlorouridine;

2'-Deoxy-2'-fluoro-4'-difluoromethyl-5'-*O*-[bis(4-methoxyphenoxy)thiophosphinyl]-5-chlorouridine;

2'-Deoxy-2'-fluoro-4'-difluoromethyl-5-chlorouridine-3',5'-cyclic phosphoric acid isopropyl ester;

2'-Deoxy-2'-fluoro-4'-difluoromethyl-5-chlorouridine-3',5'-cyclic thiophosphoric acid isopropyl ester;

2'-Deoxy-2'-fluoro-4'-difluoromethylcytidine;

2'-Deoxy-2'-fluoro-4'-difluoromethylcytidine-5'-(*O*-phenyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

2'-Deoxy-2'-fluoro-4'-difluoromethylcytidine-5'-(*O*-phenyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

2'-Deoxy-2'-fluoro-4'-difluoromethylcytidine-5'-(*O*-1-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

2'-Deoxy-2'-fluoro-4'-difluoromethylcytidine-5'-(*O*-1-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

2'-Deoxy-2'-fluoro-4'-difluoromethylcytidine-5'-(*O*-2-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

2'-Deoxy-2'-fluoro-4'-difluoromethylcytidine-5'-(*O*-2-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

2'-Deoxy-2'-fluoro-4'-difluoromethylcytidine-5'-{*N,N'*-bis[(S)-1-(isopropoxylcarbonyl)ethyl]phosphorodiamidate;

2'-Deoxy-2'-fluoro-4'-difluoromethylcytidine-5'-{*N,N'*-bis[(S)-1-(isopropoxylcarbonyl)ethyl]thiophosphorodiamidate;

2'-Deoxy-2'-fluoro-4'-difluoromethyl-5'-*O*-(2-oxido-4-H-1,3,2-benzodioxaphosphorin-2-yl)-cytidine;

2'-Deoxy-2'-fluoro-4'-difluoromethyl-5'-*O*-(2-sulfide-4-H-1,3,2-benzodioxaphosphorin-2-yl)-cytidine;

2'-Deoxy-2'-fluoro-4'-difluoromethyl-5'-*O*-[bis(4-methoxyphenoxy)phosphinyl] cytidine;

2'-Deoxy-2'-fluoro-4'-difluoromethyl-5'-*O*-[bis(4-methoxyphenoxy)thiophosphinyl] cytidine;

2'-Deoxy-4'-difluoromethyl-2'-fluorocytidine-3',5'-cyclic phosphoric acid isopropyl ester;

2'-Deoxy-4'-difluoromethyl-2'-fluorocytidine-3',5'-cyclic thiophosphoric acid isopropyl ester;

2'-Deoxy-2'-fluoro-4'-difluoromethyl-5-fluorocytidine;

2'-Deoxy-2'-fluoro-4'-difluoromethyl-5-fluorocytidine-5'-(*O*-phenyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

2'-Deoxy-2'-fluoro-4'-difluoromethyl-5-fluorocytidine-5'-(*O*-phenyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

2'-Deoxy-2'-fluoro-4'-difluoromethyl-5-fluorocytidine-5'-(*O*-1-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

2'-Deoxy-2'-fluoro-4'-difluoromethylcytidine-5'-(*O*-1-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

2'-Deoxy-2'-fluoro-4'-difluoromethyl-5-fluorocytidine-5'-(*O*-2-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

2'-Deoxy-2'-fluoro-4'-difluoromethyl-5-fluorocytidine-5'-(*O*-2-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

2'-Deoxy-2'-fluoro-4'-difluoromethyl-5-fluorocytidine-5'-{*N,N'*-bis[(S)-1-(isopropoxylcarbonyl)ethyl]phosphorodiamidate;

2'-Deoxy-2'-fluoro-4'-difluoromethyl-5-fluorocytidine-5'-{*N,N'*-bis[(S)-1-(isopropoxylcarbonyl)ethyl]thiophosphorodiamidate;

2'-Deoxy-2'-fluoro-4'-difluoromethyl-5'-*O*-(2-oxido-4-H-1,3,2-benzodioxaphosphorin-2-yl)-5-fluorocytidine;

2'-Deoxy-2'-fluoro-4'-difluoromethyl-5'-*O*-(2-sulfide-4-H-1,3,2-benzodioxaphosphorin-2-yl)-5-fluorocytidine;

2'-Deoxy-2'-fluoro-4'-difluoromethyl-5'-*O*-[bis(4-methoxyphenoxy)phosphinyl]-5-fluorocytidine;

2'-Deoxy-2'-fluoro-4'-difluoromethyl-5'-*O*-[bis(4-methoxyphenoxy)thiophosphinyl]-5-cytidine;

2'-Deoxy-2'-fluoro-4'-difluoromethyl-5-fluorocytidine-3',5'-cyclic phosphoric acid isopropyl ester;

2'-Deoxy-2'-fluoro-4'-difluoromethyl-5-fluorocytidine-3',5'-cyclic thiophosphoric acid isopropyl ester;

2'-Deoxy-2'-fluoro-4'-difluoromethyl-5-chlorocytidine;

2'-Deoxy-2'-fluoro-4'-difluoromethyl-5-chlorocytidine-5'-(*O*-phenyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

2'-Deoxy-2'-fluoro-4'-difluoromethyl-5-chlorocytidine-5'-(*O*-phenyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

2'-Deoxy-2'-fluoro-4'-difluoromethyl-5-chlorocytidine-5'-(*O*-1-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

2'-Deoxy-2'-fluoro-4'-difluoromethyl-5-chlorocytidine-5'-(*O*-1-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

2'-Deoxy-2'-fluoro-4'-difluoromethyl-5-chlorocytidine-5'-(*O*-2-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

2'-Deoxy-2'-fluoro-4'-difluoromethyl-5-chlorocytidine-5'-(*O*-2-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

2'-Deoxy-2'-fluoro-4'-difluoromethyl-5-chlorocytidine-5'-{*N,N'*-bis[(S)-1-(isopropoxylcarbonyl)ethyl]phosphorodiamidate;

2'-Deoxy-2'-fluoro-4'-difluoromethyl-5-chlorocytidine-5'-{*N,N'*-bis[(S)-1-(isopropoxylcarbonyl)ethyl]thiophosphorodiamidate;

2'-Deoxy-2'-fluoro-4'-difluoromethyl-5'-*O*-(2-oxido-4-H-1,3,2-benzodioxaphosphorin-2-yl)-5-chlorocytidine;

2'-Deoxy-2'-fluoro-4'-difluoromethyl-5'-*O*-(2-sulfide-4-H-1,3,2-benzodioxaphosphorin-2-yl)-5-chlorocytidine;

2'-Deoxy-2'-fluoro-4'-difluoromethyl-5'-*O*-[bis(4-methoxyphenoxy)phosphinyl]-5-chlorocytidine;

2'-Deoxy-2'-fluoro-4'-difluoromethyl-5'-*O*-[bis(4-methoxyphenoxy)thiophosphinyl]-5-chlorocytidine;

2'-Deoxy-2'-fluoro-4'-difluoromethyl-5-chlorocytidine-3',5'-cyclic phosphoric acid isopropyl ester;

2'-Deoxy-2'-fluoro-4'-difluoromethyl-5-chlorocytidine-3',5'-cyclic thiophosphoric acid isopropyl ester;

2'-Deoxy-2'-fluoro-4'-difluoromethyladenosine;

2'-Deoxy-2'-fluoro-4'-difluoromethyladenosine-5'-(*O*-phenyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

2'-Deoxy-2'-fluoro-4'-difluoromethyladenosine-5'-(*O*-phenyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

2'-Deoxy-2'-fluoro-4'-difluoromethyladenosine-5'-(*O*-1-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

2'-Deoxy-2'-fluoro-4'-difluoromethyladenosine-5'-(*O*-1-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

2'-Deoxy-2'-fluoro-4'-difluoromethyladenosine-5'-(*O*-2-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

2'-Deoxy-2'-fluoro-4'-difluoromethyladenosine-5'-(*O*-2-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

2'-Deoxy-2'-fluoro-4'-difluoromethyladenosine-5'-{*N,N'*-bis[(S)-1-(isopropoxylcarbonyl)ethyl]phosphorodiamidate;

2'-Deoxy-2'-fluoro-4'-difluoromethyladenosine-5'-{*N,N'*-bis[(S)-1-(isopropoxylcarbonyl)ethyl]thiophosphorodiamidate;

2'-Deoxy-2'-fluoro-4'-difluoromethyl-5'-*O*-(2-oxido-4-H-1,3,2-benzodioxaphosphorin-2-yl)-adenosine;

2'-Deoxy-2'-fluoro-4'-difluoromethyl-5'-*O*-(2-sulfide-4-H-1,3,2-benzodioxaphosphorin-2-yl)-adenosine;

2'-Deoxy-2'-fluoro-4'-difluoromethyl-5'-*O*-[bis(4-methoxyphenoxy)phosphinyl] adenosine;

2'-Deoxy-2'-fluoro-4'-difluoromethyl-5'-*O*-[bis(4-methoxyphenoxy)thiophosphinyl] adenosine;

2'-Deoxy-4'-difluoromethyl-2'-fluoroadenosine-3',5'-cyclic phosphoric acid isopropyl ester;

2'-Deoxy-4'-difluoromethyl-2'-fluoroadenosine-3',5'-cyclic thiophosphoric acid isopropyl ester;

2'-Deoxy-2'-fluoro-4'-difluoromethyladenosine;

2'-Deoxy-2'-fluoro-4'-difluoromethylguanosine-5'-(*O*-phenyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

2'-Deoxy-2'-fluoro-4'-difluoromethyguanosine-5'-(*O*-phenyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

2'-Deoxy-2'-fluoro-4'-difluoromethylguanosine-5'-(*O*-1-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

2'-Deoxy-2'-fluoro-4'-difluoromethylguanosine-5'-(*O*-1-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

2'-Deoxy-2'-fluoro-4'-difluoromethylguanosine-5'-(*O*-2-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

2'-Deoxy-2'-fluoro-4'-difluoromethylguanosine-5'-(*O*-2-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

2'-Deoxy-2'-fluoro-4'-difluoromethylguanosine-5'-{*N,N'*-bis[(S)-1-(isopropoxylcarbonyl)ethyl]phosphorodiamidate;

2'-Deoxy-2'-fluoro-4'-difluoromethylguanosine-5'-{*N,N'*-bis[(S)-1-(isopropoxylcarbonyl)ethyl]thiophosphorodiamidate;

2'-Deoxy-2'-fluoro-4'-difluoromethyl-5'-*O*-(2-oxido-4-H-1,3,2-benzodioxaphosphorin-2-yl)-guanosine;

2'-Deoxy-2'-fluoro-4'-difluoromethyl-5'-*O*-(2-sulfide-4-H-1,3,2-benzodioxaphosphorin-2-yl)-guanosine;

2'-Deoxy-2'-fluoro-4'-difluoromethyl-5'-*O*-[bis(4-methoxyphenoxy)phosphinyl] guanosine;

2'-Deoxy-2'-fluoro-4'-difluoromethyl-5'-*O*-[bis(4-methoxyphenoxy)thiophosphinyl] guanosine;

2'-Deoxy-4'-difluoromethyl-2'-fluoroguanosine-3',5'-cyclic phosphoric acid isopropyl ester;

2'-Deoxy-4'-difluoromethyl-2'-fluoroguanosine-3',5'-cyclic thiophosphoric acid isopropyl ester;

2'-Deoxy-2'-fluoro-4'-difluoromethylarauridine;

2'-Deoxy-2'-fluoro-4'-difluoromethylarauridine-5'-(*O*-phenyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

2'-Deoxy-2'-fluoro-4'-difluoromethyarauridine-5'-(*O*-phenyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

2'-Deoxy-2'-fluoro-4'-difluoromethylarauridine-5'-(*O*-1-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

2'-Deoxy-2'-fluoro-4'-difluoromethylarauridine-5'-(*O*-1-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

2'-Deoxy-2'-fluoro-4'-difluoromethylarauridine-5'-(*O*-2-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

2'-Deoxy-2'-fluoro-4'-difluoromethylarauridine-5'-(*O*-2-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

2'-Deoxy-2'-fluoro-4'-difluoromethylarauridine-5'-{*N,N'*-bis[(S)-1-(isopropoxylcarbonyl)ethyl]phosphorodiamidate;

2'-Deoxy-2'-fluoro-4'-difluoromethylarauridine-5'-{*N,N'*-bis[(S)-1-(isopropoxylcarbonyl)ethyl]thiophosphorodiamidate;

2'-Deoxy-2'-fluoro-4'-difluoromethyl-5'-*O*-(2-oxido-4-H-1,3,2-benzodioxaphosphorin-2-yl)-arauridine;

2'-Deoxy-2'-fluoro-4'-difluoromethyl-5'-*O*-(2-sulfide-4-H-1,3,2-benzodioxaphosphorin-2-yl)-arauridine;

2'-Deoxy-2'-fluoro-4'-difluoromethyl-5'-*O*-[bis(4-methoxyphenoxy)phosphinyl] arauridine;

2'-Deoxy-2'-fluoro-4'-difluoromethyl-5'-*O*-[bis(4-methoxyphenoxy)thiophosphinyl] arauridine;

2'-Deoxy-4'-difluoromethyl-2'-fluoroarauridine-3',5'-cyclic phosphoric acid isopropyl ester;

2'-Deoxy-4'-difluoromethyl-2'-fluoroarauridine-3',5'-cyclic thiophosphoric acid isopropyl ester;

2'-Deoxy-2',5-difluoro-4'-difluoromethylarauridine;

2'-Deoxy-2',5-difluoro-4'-difluoromethylarauridine-5'-(*O*-phenyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

2'-Deoxy-2',5-difluoro-4'-difluoromethylarauridine-5'-(*O*-phenyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

2'-Deoxy-2',5-difluoro-4'-difluoromethylarauridine-5'-(*O*-1-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

2'-Deoxy-2',5-difluoro-4'-difluoromethylarauridine-5'-(*O*-1-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

2'-Deoxy-2',5-difluoro-4'-difluoromethylarauridine-5'-(*O*-2-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

2'-Deoxy-2',5-difluoro-4'-difluoromethylarauridine-5'-(*O*-2-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

2'-Deoxy-2',5-difluoro-4'-difluoromethylarauridine-5'-{*N,N'*-bis[(S)-1-(isopropoxylcarbonyl)ethyl]phosphorodiamidate;

2'-Deoxy-2',5-difluoro-4'-difluoromethylarauridine-5'-{*N,N'*-bis[(S)-1-(isopropoxylcarbonyl)ethyl]thiophosphorodiamidate;

2'-Deoxy-2',5-difluoro-4'-difluoromethyl-5'-*O*-(2-oxido-4-H-1,3,2-benzodioxaphosphorin-2-yl)-arauridine;

2'-Deoxy-2',5-difluoro-4'-difluoromethyl-5'-*O*-(2-sulfide-4-H-1,3,2-benzodioxaphosphorin-2-yl)-arauridine;

2'-Deoxy-2',5-difluoro-4'-difluoromethyl-5'-*O*-[bis(4-methoxyphenoxy)phosphinyl]-arauridine;

2'-Deoxy-2',5-difluoro-4'-difluoromethyl-5'-*O*-[bis(4-methoxyphenoxy)thiophosphinyl]-arauridine;

2'-Deoxy-4'-difluoromethyl-2',5-difluoroarauridine-3',5'-cyclic phosphoric acid isopropyl ester;

2'-Deoxy-4'-difluoromethyl-2',5-difluoroarauridine-3',5'-cyclic thiophosphoric acid isopropyl ester;

4-Chloro-2'-deoxy-2'-fluoro-4'-difluoromethylarauridine;

4-Chloro-2'-deoxy-2'-fluoro-4'-difluoromethylarauridine-5'-(*O*-phenyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

4-Chloro-2'-deoxy-2'-fluoro-4'-difluoromethylarauridine-5'-(*O*-phenyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

4-Chloro-2'-deoxy-2'-fluoro-4'-difluoromethylarauridine-5'-(*O*-1-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

4-Chloro-2'-deoxy-2'-fluoro-4'-difluoromethylarauridine-5'-(*O*-1-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

4-Chloro-2'-deoxy-2'-fluoro-4'-difluoromethylarauridine-5'-(*O*-2-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

4-Chloro-2'-deoxy-2'-fluoro-4'-difluoromethylarauridine-5'-(*O*-2-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

4-Chloro-2'-deoxy-2'-fluoro-4'-difluoromethylarauridine-5'-{*N,N'*-bis[(S)-1-(isopropoxylcarbonyl)ethyl]phosphorodiamidate;

4-Chloro-2'-deoxy-2'-fluoro-4'-difluoromethylarauridine-5'-{*N,N'*-bis[(S)-1-(isopropoxylcarbonyl)ethyl]thiophosphorodiamidate;

4-Chloro-2'-deoxy-2'-fluoro-4'-difluoromethyl-5'-*O*-(2-oxido-4-H-1,3,2-benzodioxaphosphorin-2-yl)-arauridine;

4-Chloro-2'-deoxy-2'-fluoro-4'-difluoromethyl-5'-*O*-(2-sulfide-4-H-1,3,2-benzodioxaphosphorin-2-yl)-arauridine;

4-Chloro-2'-deoxy-2'-fluoro-4'-difluoromethyl-5'-*O*-[bis(4-methoxyphenoxy)phosphinyl]-arauridine;

4-Chloro-2'-deoxy-2'-fluoro-4'-difluoromethyl-5'-*O*-[bis(4-methoxyphenoxy)thiophosphinyl]-arauridine;

4-Chloro-2'-deoxy-4'-difluoromethyl-2'-fluoroarauridine-3',5'-cyclic phosphoric acid isopropyl ester;

4-Chloro-2'-deoxy-4'-difluoromethyl-2'-fluoroarauridine-3',5'-cyclic thiophosphoric acid isopropyl ester;

2'-Deoxy-2'-fluoro-4'-difluoromethylaracytidine;

2'-Deoxy-2'-fluoro-4'-difluoromethylaracytidine-5'-(*O*-phenyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

2'-Deoxy-2'-fluoro-4'-difluoromethlaracytidine-5'-(*O*-phenyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

2'-Deoxy-2'-fluoro-4'-difluoromethylaracytidine-5'-(*O*-1-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

2'-Deoxy-2'-fluoro-4'-difluoromethylaracytidine-5'-(*O*-1-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

2'-Deoxy-2'-fluoro-4'-difluoromethylaracytidine-5'-(*O*-2-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

2'-Deoxy-2'-fluoro-4'-difluoromethylaracytidine-5'-(*O*-2-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

2'-Deoxy-2'-fluoro-4'-difluoromethylaracytidine-5'-{*N,N'*-bis[(S)-1-(isopropoxylcarbonyl)ethyl]phosphorodiamidate;

2'-Deoxy-2'-fluoro-4'-difluoromethylaracytidine-5'-{*N,N'*-bis[(S)-1-(isopropoxylcarbonyl)ethyl]thiophosphorodiamidate;

2'-Deoxy-2'-fluoro-4'-difluoromethyl-5'-*O*-(2-oxido-4-H-1,3,2-benzodioxaphosphorin-2-yl)-aracytidine;

2'-Deoxy-2'-fluoro-4'-difluoromethyl-5'-*O*-(2-sulfide-4-H-1,3,2-benzodioxaphosphorin-2-yl)-aracytidine;

2'-Deoxy-2'-fluoro-4'-difluoromethyl-5'-*O*-[bis(4-methoxyphenoxy)phosphinyl] aracytidine;

2'-Deoxy-2'-fluoro-4'-difluoromethyl-5'-*O*-[bis(4-methoxyphenoxy)thiophosphinyl] aracytidine;

2'-Deoxy-4'-difluoromethyl-2'-fluoroaracytidine-3',5'-cyclic phosphoric acid isopropyl ester;

2'-Deoxy-4'-difluoromethyl-2'-fluoroaracytidine-3',5'-cyclic thiophosphoric acid isopropyl ester;

2'-Deoxy-2',5-difluoro-4'-difluoromethylaracytidine;

2'-Deoxy-2',5-difluoro-4'-difluoromethylaracytidine-5'-(*O*-phenyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

2'-Deoxy-2',5-difluoro-4'-difluoromethylaracytidine-5'-(*O*-phenyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

2'-Deoxy-2',5-difluoro-4'-difluoromethylaracytidine-5'-(*O*-1-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

2'-Deoxy-2',5-difluoro-4'-difluoromethylaracytidine-5'-(*O*-1-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

2'-Deoxy-2',5-difluoro-4'-difluoromethylaracytidine-5'-(*O*-2-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

2'-Deoxy-2',5-difluoro-4'-difluoromethylaracytidine-5'-(*O*-2-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

2'-Deoxy-2',5-difluoro-4'-difluoromethylaracytidine-5'-{*N,N'*-bis[(S)-1-(isopropoxylcarbonyl)ethyl]phosphorodiamidate;

2'-Deoxy-2',5-difluoro-4'-difluoromethylaracytidine-5'-{*N,N'*-bis[(S)-1-(isopropoxylcarbonyl)ethyl]thiophosphorodiamidate;

2'-Deoxy-2',5-difluoro-4'-difluoromethyl-5'-*O*-(2-oxido-4-H-1,3,2-benzodioxaphosphorin-2-yl)-aracytidine;

2'-Deoxy-2',5-difluoro-4'-difluoromethyl-5'-*O*-(2-sulfide-4-H-1,3,2-benzodioxaphosphorin-2-yl)-aracytidine;

2'-Deoxy-2',5-difluoro-4'-difluoromethyl-5'-*O*-[bis(4-methoxyphenoxy)phosphinyl]-aracytidine;

2'-Deoxy-2',5-difluoro-4'-difluoromethyl-5'-*O*-[bis(4-methoxyphenoxy)thiophosphinyl]-aracytidine;

2'-Deoxy-4'-difluoromethyl-2',5-difluoroaracytidine-3',5'-cyclic phosphoric acid isopropyl ester;

2'-Deoxy-4'-difluoromethyl-2',5-difluoroaracytidine-3',5'-cyclic thiophosphoric acid isopropyl ester;

4-Chloro-2'-deoxy-2'fluoro-4'-difluoromethylaracytidine;

4-Chloro-2'-deoxy-2'-fluoro-4'-difluoromethylaracytidine-5'-(*O*-phenyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

4-Chloro-2'-deoxy-2'-fluoro-4'-difluoromethylaracytidine-5'-(*O*-phenyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

4-Chloro-2'-deoxy-2'-fluoro-4'-difluoromethylaracytidine-5'-(*O*-1-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

4-Chloro-2'-deoxy-2'-fluoro-4'-difluoromethylaracytidine-5'-(*O*-1-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

4-Chloro-2'-deoxy-2'-fluoro-4'-difluoromethylaracytidine-5'-(*O*-2-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

4-Chloro-2'-deoxy-2'-fluoro-4'-difluoromethylaracytidine-5'-(*O*-2-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

4-Chloro-2'-deoxy-2'-fluoro-4'-difluoromethylaracytidine-5'-{*N,N'*-bis[(S)-1-(isopropoxylcarbonyl)ethyl]phosphorodiamidate;

4-Chloro-2'-deoxy-2'-fluoro-4'-difluoromethylaracytidine-5'-{*N,N'*-bis[(S)-1-(isopropoxylcarbonyl)ethyl]thiophosphorodiamidate;

4-Chloro-2'-deoxy-2'-fluoro-4'-difluoromethyl-5'-*O*-(2-oxido-4-H-1,3,2-benzodioxaphosphorin-2-yl)-aracytidine;

4-Chloro-2'-deoxy-2'-fluoro-4'-difluoromethyl-5'-*O*-(2-sulfide-4-H-1,3,2-benzodioxaphosphorin-2-yl)-aracytidine;

4-Chloro-2'-deoxy-2'-fluoro-4'-difluoromethyl-5'-*O*-[bis(4-methoxyphenoxy)phosphinyl]-aracytidine;

4-Chloro-2'-deoxy-2'-fluoro-4'-difluoromethyl-5`-*O*-[bis(4-methoxyphenoxy)thiophosphinyl]-aracytidine;

4-Chloro-2'-deoxy-4'-difluoromethyl-2'-fluoroaracytidine-3',5'-cyclic phosphoric acid isopropyl ester;

4-Chloro-2'-deoxy-4'-difluoromethyl-2'-fluoroaracytidine-3',5'-cyclic thiophosphoric acid isopropyl ester;

2'-Deoxy-2'-fluoro-4'-difluoromethylaraadenosine;

2'-Deoxy-2'-fluoro-4'-difluoromethylaraadenosine-5'-(*O*-phenyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

2'-Deoxy-2'-fluoro-4'-difluoromethlaraadenosine-5'-(*O*-phenyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

2'-Deoxy-2'-fluoro-4'-difluoromethylaraadenosine-5'-(*O*-1-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

2'-Deoxy-2'-fluoro-4'-difluoromethylaraadenosine-5'-(*O*-1-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

2'-Deoxy-2'-fluoro-4'-difluoromethylaraadenosine-5'-(*O*-2-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

2'-Deoxy-2'-fluoro-4'-difluoromethylaraadenosine-5'-(*O*-2-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate

2'-Deoxy-2'-fluoro-4'-difluoromethylaraadenosine-5'-{*N,N'*-bis[(S)-1-(isopropoxylcarbonyl)ethyl]phosphorodiamidate;

2'-Deoxy-2'-fluoro-4'-difluoromethylaraadenosine-5'-{*N,N'*-bis[(S)-1-(isopropoxylcarbonyl)ethyl]thiophosphorodiamidate;

2'-Deoxy-2'-fluoro-4'-difluoromethyl-5'-*O*-(2-oxido-4-H-1,3,2-benzodioxaphosphorin-2-yl)-araadenosine;

2'-Deoxy-2'-fluoro-4'-difluoromethyl-5'-*O*-(2-sulfide-4-H-1,3,2-benzodioxaphosphorin-2-yl)-araadenosine;

2'-Deoxy-2'-fluoro-4'-difluoromethyl-5'-*O*-[bis(4-methoxyphenoxy)phosphinyl] araadenosine;

2'-Deoxy-2'-fluoro-4'-difluoromethyl-5'-*O*-[bis(4-methoxyphenoxy)thiophosphinyl] araadenosine;

2'-Deoxy-4'-difluoromethyl-2'-fluoroaraadenosine-3',5'-cyclic phosphoric acid isopropyl ester;

2'-Deoxy-4'-difluoromethyl-2'-fluoroaraadenosine-3',5'-cyclic thiophosphoric acid isopropyl ester;

2'-Deoxy-2'-fluoro-4'-difluoromethylaraguanosine;

2'-Deoxy-2'-fluoro-4'-difluoromethylaraguanosine-5'-(*O*-phenyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

2'-Deoxy-2'-fluoro-4'-difluoromethlaraguanosine-5'-(*O*-phenyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

2'-Deoxy-2'-fluoro-4'-difluoromethylaraguanosine-5'-(*O*-1-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

2'-Deoxy-2'-fluoro-4'-difluoromethylaraguanosine-5'-(*O*-1-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

2'-Deoxy-2'-fluoro-4'-difluoromethylaraguanosine-5'-(*O*-2-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

2'-Deoxy-2'-fluoro-4'-difluoromethylaraguanosine-5'-(*O*-2-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

2'-Deoxy-2'-fluoro-4'-difluoromethylaraguanosine-5'-{*N,N'*-bis[(S)-1-(isopropoxylcarbonyl)ethyl]phosphorodiamidate;

2'-Deoxy-2'-fluoro-4'-difluoromethylaraguanosine-5'-{*N,N'*-bis[(S)-1-(isopropoxylcarbonyl)ethyl]thiophosphorodiamidate;

2'-Deoxy-2'-fluoro-4'-difluoromethyl-5'-*O*-(2-oxido-4-H-1,3,2-benzodioxaphosphorin-2-yl)-araguanosine;

2'-Deoxy-2'-fluoro-4'-difluoromethyl-5'-*O*-(2-sulfide-4-H-1,3,2-benzodioxaphosphorin-2-yl)-araguanosine;

2'-Deoxy-2'-fluoro-4'-difluoromethyl-5'-*O*-[bis(4-methoxyphenoxy)phosphinyl] araguanosine;

2'-Deoxy-2'-fluoro-4'-difluoromethyl-5'-*O*-[bis(4-methoxyphenoxy)thiophosphinyl] araguanosine;

2'-Deoxy-4'-difluoromethyl-2'-fluoroaraguanosine-3',5'-cyclic phosphoric acid isopropyl ester;

2'-Deoxy-4'-difluoromethyl-2'-fluoroaraguanosine-3',5'-cyclic thiophosphoric acid isopropyl ester;

2'-Deoxy-2',2'-difluoro-4'-difluoromethyluridine;

2'-Deoxy-2',2'-difluoro -4'-difluoromethyluridine-5'-(*O*-phenyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

2'-Deoxy-2',2'-difluoro -4'-difluoromethyluridine-5'-(*O*-phenyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

2'-Deoxy-2',2'-difluoro -4'-difluoromethyluridine-5'-(*O*-1-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

2'-Deoxy-2',2'-difluoro -4'-difluoromethyluridine-5'-(*O*-1-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

2'-Deoxy-2',2'-difluoro -4'-difluoromethyluridine-5'-(*O*-2-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

2'-Deoxy-2',2'-difluoro -4'-difluoromethyluridine-5'-(*O*-2-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

2'-Deoxy-2',2'-difluoro -4'-difluoromethyluridine-5'-{*N,N'*-bis[(S)-1-(isopropoxylcarbonyl)ethyl]phosphorodiamidate;

2'-Deoxy-2',2'-difluoro -4'-difluoromethyluridine-5'-{*N,N'*-bis[(S)-1-(isopropoxylcarbonyl)ethyl]thiophosphorodiamidate;

2'-Deoxy-2',2'-difluoro -4'-difluoromethyl-5'-*O*-(2-oxido-4-H-1,3,2-benzodioxaphosphorin-2-yl)-uridine;

2'-Deoxy-2',2'-difluoro -4'-difluoromethyl-5'-*O*-(2-sulfide-4-H-1,3,2-benzodioxaphosphorin-2-yl)-uridine;

2'-Deoxy-2',2'-difluoro -4'-difluoromethyl-5'-*O*-[bis(4-methoxyphenoxy)phosphinyl] uridine;

2'-Deoxy-2',2'-difluoro -4'-difluoromethyl-5'-*O*-[bis(4-methoxyphenoxy)thiophosphinyl] uridine;

2'-Deoxy-2',2'-difluoro -4'-difluoromethyluridine-3',5'-cyclic phosphoric acid isopropyl ester;

2'-Dideoxy-2'-difluoro-4'-difluoromethyluridine-3',5'-cyclic thiophosphoric acid isopropyl ester;

2'-Deoxy-2',2'-difluoro -4'-difluoromethyl-5-fluorouridine;

2'-Deoxy-2',2'-difluoro -4'-difluoromethyl-5-fluorouridine-5'-(*O*-phenyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

2'-Deoxy-2',2'-difluoro -4'-difluoromethyl-5-fluorouridine-5'-(*O*-phenyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

2'-Dideoxy-2'-difluoro-4'-difluoromethyl-5-fluorouridine-5'-(*O*-1-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

2'-Deoxy-2',2'-difluoro -4'-difluoromethyl-5-fluorouridine-5'-(*O*-1-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

2'-Deoxy-2',2'-difluoro -4'-difluoromethyl-5-fluorouridine-5'-(*O*-2-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

2'-Deoxy-2',2'-difluoro -4'-difluoromethyl-5-fluorouridine-5'-(*O*-2-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

2'-Deoxy-2',2'-difluoro -4'-difluoromethyl-5-fluorouridine-5'-{*N,N'*-bis[(S)-1-(isopropoxylcarbonyl)ethyl]phosphorodiamidate;

2'-Deoxy-2',2'-difluoro -4'-difluoromethyl-5-fluorouridine-5'-{*N,N'*-bis[(S)-1-(isopropoxylcarbonyl)ethyl]thiophosphorodiamidate;

2'-Deoxy-2',2'-difluoro -4'-difluoromethyl-5'-*O*-(2-oxido-4-H-1,3,2-benzodioxaphosphorin-2-yl)-5-fluorouridine;

2'-Deoxy-2',2'-difluoro -4'-difluoromethyl-5'-*O*-(2-sulfide-4-H-1,3,2-benzodioxaphosphorin-2-yl)-5-fluorouridine;

2'-Deoxy-2',2'-difluoro -4'-difluoromethyl-5'-*O*-[bis(4-methoxyphenoxy)phosphinyl]-5-fluorouridine;

2'-Deoxy-2',2'-difluoro -4'-difluoromethyl-5'-*O*-[bis(4-methoxyphenoxy)thiophosphinyl]-5-uridine;

2'-Deoxy-2',2'-difluoro -4'-difluoromethyl-5-fluorouridine-3',5'-cyclic phosphoric acid isopropyl ester;

2'-Deoxy-2',2'-difluoro -4'-difluoromethyl-5-fluorouridine-3',5'-cyclic thiophosphoric acid isopropyl ester;

2'-Deoxy-2',2'-difluoro -4'-difluoromethyl-5-chlorouridine;

2'-Deoxy-2',2'-difluoro -4'-difluoromethyl-5-chlorouridine-5'-(*O*-phenyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

2'-Deoxy-2',2'-difluoro -4'-difluoromethyl-5-chlorouridine-5'-(*O*-phenyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

2'-Deoxy-2',2'-difluoro -4'-difluoromethyl-5-chlorouridine-5'-(*O*-1-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

2'-Deoxy-2',2'-difluoro -4'-difluoromethyl-5-chlorouridine-5'-(*O*-1-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

2'-Deoxy-2',2'-difluoro -4'-difluoromethyl-5-chlorouridine-5'-(*O*-2-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

2'-Deoxy-2',2'-difluoro -4'-difluoromethyl-5-chlorouridine-5'-(*O*-2-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

2'-Deoxy-2',2'-difluoro -4'-difluoromethyl-5-chlorouridine-5'-{*N,N'*-bis](S)-1-(isopropoxylcarbonyl)ethyl]phosphorodiamidate;

2'-Deoxy-2',2'-difluoro -4'-difluoromethyl-5-chlorouridine-5'-{*N,N'*-bis](S)-1-(isopropoxylcarbonyl)ethyl]thiophosphorodiamidate;

2'-Deoxy-2',2'-difluoro -4'-difluoromethyl-5'-*O*-(2-oxido-4-H-1,3,2-benzodioxaphosphorin-2-yl)-5-chlorouridine;

2'-Deoxy-2',2'-difluoro -4'-difluoromethyl-5'-*O*-(2-sulfide-4-H-1,3,2-benzodioxaphosphorin-2-yl)-5-chlorouridine;

2'-Deoxy-2',2'-difluoro -4'-difluoromethyl-5'-*O*-[bis(4-methoxyphenoxy)phosphinyl]-5-chlorouridine;

2'-Deoxy-2',2'-difluoro -4'-difluoromethyl-5'-*O*-[bis(4-methoxyphenoxy)thiophosphinyl]-5-chlorouridine;

2'-Deoxy-2',2'-difluoro -4'-difluoromethyl-5-chlorouridine-3',5'-cyclic phosphoric acid isopropyl ester;

2'-Deoxy-2',2'-difluoro -4'-difluoromethyl-5-chlorouridine-3',5'-cyclic thiophosphoric acid isopropyl ester;

2'-Deoxy-2',2'-difluoro -4'-difluoromethylcytidine;

2'-Deoxy-2',2'-difluoro -4'-difluoromethylcytidine-5'-(*O*-phenyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

2'-Deoxy-2',2'-difluoro -4'-difluoromethylcytidine-5'-(*O*-phenyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

2'-Deoxy-2',2'-difluoro -4'-difluoromethylcytidine-5'-(*O*-1-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

2'-Deoxy-2',2'-difluoro -4'-difluoromethylcytidine-5'-(*O*-1-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

2'-Deoxy-2',2'-difluoro -4'-difluoromethylcytidine-5'-(*O*-2-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

2'-Deoxy-2',2'-difluoro -4'-difluoromethylcytidine-5'-(*O*-2-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

2'-Deoxy-2',2'-difluoro -4'-difluoromethylcytidine-5'-{*N,N'*-bis[(S)-1-(isopropoxylcarbonyl)ethyl]phosphorodiamidate;

2'-Deoxy-2',2'-difluoro -4'-difluoromethylcytidine-5'-{*N,N'*-bis[(S)-1-(isopropoxylcarbonyl)ethyl]thiophosphorodiamidate;

2'-Deoxy-2',2'-difluoro -4'-difluoromethyl-5'-*O*-(2-oxido-4-H-1,3,2-benzodioxaphosphorin-2-yl)-cytidine;

2'-Deoxy-2',2'-difluoro -4'-difluoromethyl-5'-*O*-(2-sulfide-4-H-1,3,2-benzodioxaphosphorin-2-yl)-cytidine;

2'-Deoxy-2',2'-difluoro -4'-difluoromethyl-5'-*O*-[bis(4-methoxyphenoxy)phosphinyl] cytidine;

2'-Deoxy-2',2'-difluoro -4'-difluoromethyl-5'-*O*-[bis(4-methoxyphenoxy)thiophosphinyl] cytidine;

2'-Deoxy-2',2'-difluoro -4'-difluoromethylcytdine-3',5'-cyclic phosphoric acid isopropyl ester;

2'-Deoxy-2',2'-difluoro -4'-difluoromethylcytidine-3',5'-cyclic thiophosphoric acid isopropyl ester;

2'-Deoxy-2',2'-difluoro -4'-difluoromethyl-5-fluorocytidine;

2'-Deoxy-2',2'-difluoro -4'-difluoromethyl-5-fluorocytidine-5'-(*O*-phenyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

2'-Deoxy-2',2'-difluoro -4'-difluoromethyl-5-fluorocytidine-5'-(*O*-phenyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

2'-Deoxy-2',2'-difluoro -4'-difluoromethyl-5-fluorocytidine-5'-(*O*-1-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

2'-Deoxy-2',2'-difluoro -4'-difluoromethyl-5-fluorocytidine-5'-(*O*-1-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

2'-Deoxy-2',2'-difluoro -4'-difluoromethyl-5-fluorocytidine-5'-(*O*-2-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

2'-Deoxy-2',2'-difluoro -4'-difluoromethyl-5-fluorocytidine-5'-(*O*-2-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

2'-Deoxy-2',2'-difluoro -4'-difluoromethyl-5-fluorocytidine-5'-{*N,N'*-bis[(S)-1-(isopropoxylcarbonyl)ethyl]phosphorodiamidate;

2'-Deoxy-2',2'-difluoro -4'-difluoromethyl-5-fluorocytidine-5'-{*N,N'*-bis[(S)-1-(isopropoxylcarbonyl)ethyl]thiophosphorodiamidate;

2'-Deoxy-2',2'-difluoro -4'-difluoromethyl-5'-*O*-(2-oxido-4-H-1,3,2-benzodioxaphosphorin-2-yl)-5-fluoroucytidine;

2'-Deoxy-2',2'-difluoro -4'-difluoromethyl-5'-*O*-(2-sulfide-4-H-1,3,2-benzodioxaphosphorin-2-yl)-5-fluorocytidine;

2'-Deoxy-2',2'-difluoro -4'-difluoromethyl-5'-*O*-[bis(4-methoxyphenoxy)phosphinyl]-5-fluorocytidine;

2'-Deoxy-2',2'-difluoro -4'-difluoromethyl-5'-*O*-[bis(4-methoxyphenoxy)thiophosphinyl]-5-cytidine;

2'-Deoxy-2',2`-difluoro -4'-difluoromethyl-5-fluorocytidine-3',5'-cyclic phosphoric acid isopropyl ester;

2'-Deoxy-2',2'-difluoro -4'-difluoromethyl-5-fluorocytidine-3',5'-cyclic thiophosphoric acid isopropyl ester;

5-Chloro-2'-deoxy-2',2'-difluoro-4'-difluoromethylcytidine;

5-Chloro-2'-deoxy-2',2'-difluoro-4'-difluoromethylcytidine-5'-(*O*-phenyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

5-Chloro-2'-deoxy-2',2'-difluoro-4'-difluoromethylcytidine-5'-(*O*-phenyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

5-Chloro-2'-deoxy-2,2''-difluoro-4'-difluoromethylcytidine-5'-(*O*-1-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

5-Chloro-2'-deoxy-2',2'-difluoro-4'-difluoromethylcytidine-5'-(*O*-1-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

5-Chloro-2'-deoxy-2',2'-difluoro-4'-difluoromethylcytidine-5'-(*O*-2-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

5-Chloro-2'-deoxy-2',2'-difluoro-4'-difluoromethylcytidine-5'-(*O*-2-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

5-Chloro-2'-deoxy-2',2'-difluoro-4'-difluoromethylcytidine-5'-{*N,N'*-bis[(S)-1-(isopropoxylcarbonyl)ethyl]phosphorodiamidate;

5-Chloro-2'-deoxy-2',2'-difluoro-4'-difluoromethylcytidine-5'-{*N,N'*-bis[(S)-1-(isopropoxylcarbonyl)ethyl]thiophosphorodiamidate;

5-Chloro-2'-deoxy-2',2'-difluoro-4'-difluoromethyl-5'-*O*-(2-oxido-4-H-1,3,2-benzodioxaphosphorin-2-yl) cytidine;

5-Chloro-2'-deoxy-2',2'-difluoro-4'-difluoromethyl-5'-*O*-(2-sulfide-4-H-1,3,2-benzodioxaphosphorin-2-yl) cytidine;

5-Chloro-2'-deoxy-2',2'-difluoro-4'-difluoromethyl-5'-*O*-[bis(4-methoxyphenoxy)phosphinyl] cytidine;

5-Chloro-2'-deoxy-2',2'-difluoro-4'-difluoromethyl-5'-*O*-[bis(4-methoxyphenoxy)thiophosphinyl] cytidine;

5-Chloro-2'-deoxy-2',2'-difluoro-4'-difluoromethylcytidine-3',5'-cyclic phosphoric acid isopropyl ester;

2'-Deoxy-2',2'-fluoro-4'-difluoromethylcytidine-3',5'-cyclic thiophosphoric acid isopropyl ester;

2'-Deoxy-2'2'-difluoro-4'-difluoromethyladenosine;

2'-Deoxy-2',2'-difluoro-4'-difluoromethyladenosine-5'-(*O*-phenyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

2'-Deoxy-2',2'-difluoro-4'-difluoromethyladenosine-5'-(*O*-phenyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

2'-Deoxy-2',2'-difluoro-4'-difluoromethyladenosine-5'-(*O*-1-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

2'-Deoxy-2',2'-difluoro-4'-difluoromethyladenosine-5'-(*O*-1-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

2'-Deoxy-2',2'-difluoro-4'-difluoromethyladenosine-5'-(*O*-2-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

2'-Deoxy-2',2'-difluoro-4'-difluoromethyladenosine-5'-(*O*-2-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

2'-Deoxy-2',2'-difluoro-4'-difluoromethyladenosine-5'-{*N,N'*-bis[(S)-1-(isopropoxylcarbonyl)ethyl]phosphorodiamidate;

2'-Deoxy-2',2'-difluoro-4'-difluoromethyladenosine-5'-{*N,N'*-bis[(S)-1-(isopropoxylcarbonyl)ethyl]thiophosphorodiamidate;

2'-Deoxy-2',2'-difluoro-4'-difluoromethyl-5'-*O*-(2-oxido-4-H-1,3,2-benzodioxaphosphorin-2-yl)-adenosine;

2'-Deoxy-2',2'-difluoro-4'-difluoromethyl-5'-*O*-(2-sulfide-4-H-1,3,2-benzodioxaphosphorin-2-yl)-adenosine;

2'-Deoxy-2',2'-difluoro -4'-difluoromethyl-5'-*O*-[bis(4-methoxyphenoxy)phosphinyl] adenosine;

2'-Deoxy-2',2'-difluoro -4'-difluoromethyl-5'-*O*-[bis(4-methoxyphenoxy)thiophosphinyl] adenosine;

2'-Deoxy-2',2'-difluoro-4'-difluoromethyladenosine-3',5'-cyclic phosphoric acid isopropyl ester;

2'-Deoxy-2',2'-difluoro-4'-difluoromethyladenosine-3',5'-cyclic thiophosphoric acid isopropyl ester;

2'-Deoxy-2',2'-difluoro-4'-difluoromethylguanosine;

2'-Deoxy-2',2'-difluoro-4'-difluoromethylguanosine-5'-(*O*-phenyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

2'-Deoxy-2',2'-difluoro-4'-difluoromethylguanosine-5'-(*O*-phenyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl *thiophosphoramidate*;

2'-Deoxy-2',2'-difluoro-4'-difluoromethylguanosine-5'-(*O*-1-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

2'-Deoxy-2',2'-difluoro-4'-difluoromethylguanosine-5'-(*O*-1-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl *thiophosphoramidate*;

2'-Deoxy-2',2'-difluoro-4'-difluoromethylguanosine-5'-(*O*-2-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

2'-Deoxy-2',2'-difluoro-4'-difluoromethylguanosine-5'-(*O*-2-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl *thiophosphoramidate*;

2'-Deoxy-2',2'-difluoro-4'-difluoromethylguanosine-5'-{*N,N'*-bis[(S)-1-(isopropoxylcarbonyl)ethyl]phosphorodiamidate;

2'-Deoxy-2',2'-difluoro-4'-difluoromethylguanosine-5'-{*N,N'*-bis[(S)-1-(isopropoxylcarbonyl)ethyl]thiophosphorodiamidate;

2'-Deoxy-2',2'-difluoro-4'-difluoromethylguanosine-5'-*O*-(2-oxido-4-H-1,3,2-benzodioxaphosphorin-2-yl)-cytidine;

2'-Deoxy-2',2'-difluoro-4'-difluoromethylguanosine-5'-*O*-(2-sulfide-4-H-1,3,2-benzodioxaphosphorin-2-yl)-cytidine;

2'-Deoxy-2',2'-difluoro -4'-difluoromethyl-5'-*O*-[bis(4-methoxyphenoxy)phosphinyl] guanosine;

2'-Deoxy-2',2'-difluoro -4'-difluoromethyl-5'-*O*-[bis(4-methoxyphenoxy)thiophosphinyl] guanosine;

2'-Deoxy-2',2'-difluoro-4'-difluoromethylguanosine-3',5'-cyclic phosphoric acid isopropyl ester;

2'-Deoxy-2',2'-difluoro-4'-difluoromethylguanosine-3',5'-cyclic thiophosphoric acid isopropyl ester;

4'-Difluoromethylarauridine;

4'-Difluoromethylarauridine-5'-(*O*-phenyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

4'-Difluoromethlarauridine-5'-(*O*-phenyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

4'-Difluoromethylarauridine-5'-(*O*-1-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

4'-Difluoromethylarauridine-5'-(*O*-1-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

4'-Difluoromethylarauridine-5'-(*O*-2-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

4'-Difluoromethylarauridine-5'-(*O*-2-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

4'-Difluoromethylarauridine-5'-{*N,N'*-bis[(S)-1-(isopropoxylcarbonyl)ethyl]phosphorodiamidate};

4'-Difluoromethylarauridine-5'-{*N,N'*-bis[(S)-1-(isopropoxylcarbonyl)ethyl]thiophosphorodiamidate};

4'-Difluoromethyl-5'-*O*-(2-oxido-4-H-1,3,2-benzodioxaphosphorin-2-yl)-arauridine;

4'-Difluoromethyl-5'-*O*-(2-sulfide-4-H-1,3,2-benzodioxaphosphorin-2-yl)-arauridine;

4'-Difluoromethyl-5'-*O*-[bis(4-methoxyphenoxy)phosphinyl] arauridine;

4'-Difluoromethyl-5'-*O*-[bis(4-methoxyphenoxy)thiophosphinyl] arauridine;

4'-Difluoromethylarauridine-3',5'-cyclic phosphoric acid isopropyl ester;

4'-Difluoromethylarauridine-3',5'-cyclic thiophosphoric acid isopropyl ester;

4'-Difluoromethyl-5-fluoroarauridine;

4'-Difluoromethyl-5-fluoroarauridine-5'-(*O*-phenyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

4'-Difluoromethyl-5-fluoroarauridine-5'-(*O*-phenyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

4'-Difluoromethyl-5-fluoroarauridine-5'-(*O*-1-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

4'-Difluoromethyl-5-fluoroarauridine-5'-(*O*-1-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate

4'-Difluoromethyl-5-fluoroarauridine-5'-(*O*-2-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate

4'-Difluoromethyl-5-fluoroarauridine-5'-(*O*-2-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate

4'-difluoromethyl-5-fluoroarauridine-5'-{*N,N'*-bis[(S)-1-(isopropoxylcarbonyl)ethyl]phosphorodiamidate;

4'-Difluoromethyl-5-fluoroarauridine-5'-{*N,N'*-bis[(S)-1-(isopropoxylcarbonyl)ethyl]thiophosphorodiamidate;

4'-Difluoromethyl-5'-*O*-(2-oxido-4-H-1,3,2-benzodioxaphosphorin-2-yl)-5-fluoroarauridine;

2'-Deoxy-2',5-difluoro-4'-difluoromethyl-5'-*O*-(2-sulfide-4-H-1,3,2-benzodioxaphosphorin-2-yl)-5-fluoroarauridine;

2'-Deoxy-2',5-difluoro-4'-difluoromethyl-5'-*O*-[bis(4-methoxyphenoxy)phosphinyl]-5-fluoroarauridine;

2'-Deoxy-2',5-difluoro-4'-difluoromethyl-5'-*O*-[bis(4-methoxyphenoxy)thiophosphinyl]-5-fluoroarauridine;

4'-Difluoromethyl—5-fluoroarauridine-3',5'-cyclic phosphoric acid isopropyl ester;

4'-Difluoromethyl-5-fluoroarauridine-3',5'-cyclic thiophosphoric acid isopropyl ester;

5-Chloro-4'-difluoromethylarauridine;

5-Chloro-4'-difluoromethylarauridine-5'-(*O*-phenyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

5-Chloro-4'-difluoromethylarauridine-5'-(*O*-phenyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

5-Chloro-4'-difluoromethylarauridine-5'-(*O*-1-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

4-Chloro-2'-deoxy-2'-fluoro-4'-difluoromethylarauridine-5'-(*O*-1-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

5-Chloro-4'-difluoromethylarauridine-5'-(*O*-2-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

5-Chloro-4'-difluoromethylarauridine-5'-(*O*-2-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

5-Chloro-4'-difluoromethylarauridine-5'-{*N,N'*-bis[(S)-1-(isopropoxylcarbonyl)ethyl]phosphorodiamidate;

5-Chloro -4'-difluoromethylarauridine-5'-{*N,N'*-bis[(S)-1-(isopropoxylcarbonyl)ethyl]thiophosphorodiamidate;

5-Chloro-4'-difluoromethyl-5'-*O*-(2-oxido-4-*H*-1,3,2-benzodioxaphosphorin-2-yl)-arauridine;

5-Chloro-4'-difluoromethyl-5'-*O*-(2-sulfide-4-H-1,3,2-benzodioxaphosphorin-2-yl)-arauridine;

5-Chloro-4'-difluoromethyl-5'-*O*-[bis(4-methoxyphenoxy)phosphinyl]-arauridine;

5-Chloro-4'-difluoromethyl-5'-*O*-[bis(4-methoxyphenoxy)thiophosphinyl]-arauridine;

5-Chloro-4'-difluoromethylarauridine-3',5'-cyclic phosphoric acid isopropyl ester;

5-Chloro-4'-difluoromethylarauridine-3',5'-cyclic thiophosphoric acid isopropyl ester;

4'-Difluoromethylaracytidine;

4'-Difluoromethylaracytidine-5'-(*O*-phenyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

4'-Difluoromethlaracytidine-5'-(*O*-phenyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

4'-Difluoromethylaracytidine-5'-(*O*-1-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

4'-Difluoromethylaracytidine-5'-(*O*-1-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

4'-Difluoromethylaracytidine-5'-(*O*-2-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

4'-Difluoromethylaracytidine-5'-(*O*-2-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

4'-Difluoromethylaracytidine-5'-{*N,N'*-bis[(S)-1-(isopropoxylcarbonyl)ethyl]phosphorodiamidate;

4'-Difluoromethylaracytidine-5'-{*N,N'*-bis[(S)-1-(isopropoxylcarbonyl)ethyl]thiophosphorodiamidate;

4'-Difluoromethyl-5'-*O*-(2-oxido-4-H-1,3,2-benzodioxaphosphorin-2-yl)-aracytidine;

4'-Difluoromethyl-5'-*O*-(2-sulfide-4-H-1,3,2-benzodioxaphosphorin-2-yl)-aracytidine;

4'-Difluoromethyl-5'-*O*-[bis(4-methoxyphenoxy)phosphinyl] aracytidine;

4'-Difluoromethyl-5'-*O*-[bis(4-methoxyphenoxy)thiophosphinyl] aracytidine;

4'-Difluoromethylaracytidine-3',5'-cyclic phosphoric acid isopropyl ester;

4'-Difluoromethylaracytidine-3',5'-cyclic thiophosphoric acid isopropyl ester;

4'-Difluoromethyl-5-fluoroaracytidine;

4'-Difluoromethyl-5-fluoroaracytidine-5'-(*O*-phenyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

4'-Difluoromethyl-5-fluoroaracytidine-5'-(*O*-phenyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

4'-Difluoromethyl-5-fluoroaracytidine-5'-(*O*-1-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

4'-Difluoromethyl-5-fluoroaracytidine-5'-(*O*-1-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

4'-Difluoromethyl-5-fluoroaracytidine-5'-(*O*-2-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

4'-Difluoromethyl-5-fluoroaracytidine-5'-(*O*-2-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

4'-difluoromethyl-5-fluoroaracytidine-5'-{*N,N*'-bis[(S)-1-(isopropoxylcarbonyl)ethyl]phosphorodiamidate;

4'-Difluoromethyl-5-fluoroaracytidine-5'-{*N,N*'-bis[(S)-1-(isopropoxylcarbonyl)ethyl]thiophosphorodiamidate;

4'-Difluoromethyl-5'-*O*-(2-oxido-4-H-1,3,2-benzodioxaphosphorin-2-yl)-5-fluoroaracytidine;

2'-Deoxy-2',5-difluoro-4'-difluoromethyl-5'-*O*-(2-sulfide-4-H-1,3,2-benzodioxaphosphorin-2-yl)-5-fluoroaracytidine;

2'-Deoxy-2',5-difluoro-4'-difluoromethyl-5'-*O*-[bis(4-methoxyphenoxy)phosphinyl]-5-fluoroaracytidine;

2'-Deoxy-2',5-difluoro-4'-difluoromethyl-5'-*O*-[bis(4-methoxyphenoxy)thiophosphinyl]-5-fluoroaracytidine;

4'-Difluoromethyl—5-fluoroaracytidine-3',5'-cyclic phosphoric acid isopropyl ester;

4'-Difluoromethyl-5-fluoroaracytidine-3',5'-cyclic thiophosphoric acid isopropyl ester;

5-Chloro-4'-difluoromethylaracytidine;

5-Chloro-4'-difluoromethylaracytidine-5'-(*O*-phenyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

5-Chloro-4'-difluoromethylaracytidine-5'-(*O*-phenyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

5-Chloro-4'-difluoromethylaracytidine-5'-(*O*-1-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

4-Chloro-2'-deoxy-2'-fluoro-4'-difluoromethylaracytidine-5'-(*O*-1-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

5-Chloro-4'-difluoromethylaracytidine-5'-(*O*-2-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

5-Chloro-4'-difluoromethylaracytidine-5'-(*O*-2-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

5-Chloro-4'-difluoromethylaracytidine-5'-{*N,N'*-bis[(S)-1-(isopropoxylcarbonyl)ethyl]phosphorodiamidate;

5-Chloro -4'-difluoromethylaracytidine-5'-{*N,N'*-bis[(S)-1-(isopropoxylcarbonyl)ethyl]thiophosphorodiamidate;

5-Chloro-4'-difluoromethyl-5'-*O*-(2-oxido-4-H-1,3,2-benzodioxaphosphorin-2-yl)-aracytidine;

5-Chloro-4'-difluoromethyl-5'-*O*-(2-sulfide-4-H-1,3,2-benzodioxaphosphorin-2-yl)-aracytidine;

5-Chloro-4'-difluoromethyl-5'-*O*-[bis(4-methoxyphenoxy)phosphinyl]-aracytidine;

5-Chloro-4'-difluoromethyl-5'-*O*-[bis(4-methoxyphenoxy)thiophosphinyl]-aracytidine;

5-Chloro-4'-difluoromethylaracytidine-3',5'-cyclic phosphoric acid isopropyl ester;

5-Chloro-4'-difluoromethylaracytidine-3',5'-cyclic thiophosphoric acid isopropyl ester;

4'-Difluoromethylaraadenosine;

4'-Difluoromethylaraadenosine-5'-(*O*-phenyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

4'-Difluoromethlaraadenosine-5'-(*O*-phenyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

4'-Difluoromethylaraadenosine-5'-(*O*-1-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

4'-Difluoromethylaraadenosine-5'-(*O*-1-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

4'-Difluoromethylaraadenosine-5'-(*O*-2-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

4'-Difluoromethylaraadenosine-5'-(*O*-2-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

4'-Difluoromethylaraadenosine-5'-{*N,N'*-bis[(S)-1-(isopropoxylcarbonyl)ethyl]phosphorodiamidate;

4'-Difluoromethylaraadenosine-5'-{*N,N'*-bis[(S)-1-(isopropoxylcarbonyl)ethyl]thiophosphorodiamidate;

4'-Difluoromethyl-5'-*O*-(2-oxido-4-H-1,3,2-benzodioxaphosphorin-2-yl)-araadenosine;

4'-Difluoromethyl-5'-*O*-(2-sulfide-4-H-1,3,2-benzodioxaphosphorin-2-yl)-araadenosine;

4'-Difluoromethyl-5'-*O*-[bis(4-methoxyphenoxy)phosphinyl] araadenosine;

4'-Difluoromethyl-5'-*O*-[bis(4-methoxyphenoxy)thiophosphinyl] araadensoine;

4'-Difluoromethylaraadenosine-3',5'-cyclic phosphoric acid isopropyl ester;

4'-Difluoromethylaraadenosine-3',5'-cyclic thiophosphoric acid isopropyl ester;

4'-Difluoromethylaraguanosine;

4'-Difluoromethylaraguanosine-5'-(*O*-phenyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

4'-Difluoromethlaraadenosine-5'-(*O*-phenyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

4'-Difluoromethylaraguanosine-5'-(*O*-1-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

4'-Difluoromethylaraguanosine-5'-(*O*-1-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

4'-Difluoromethylaraguanosine-5'-(*O*-2-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

4'-Difluoromethylaraguanosine-5'-(*O*-2-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

4'-Difluoromethylaraguanosine-5'-{*N,N'*-bis[(S)-1-(isopropoxylcarbonyl)ethyl]phosphorodiamidate;

4'-Difluoromethylaraguanosine-5'-{*N,N'*-bis[(S)-1-(isopropoxylcarbonyl)ethyl]thiophosphorodiamidate;

4'-Difluoromethyl-5'-*O*-(2-oxido-4-H-1,3,2-benzodioxaphosphorin-2-yl)-araguanosine;

4'-Difluoromethyl-5'-*O*-(2-sulfide-4-H-1,3,2-benzodioxaphosphorin-2-yl)-araguanosine;

4'-Difluoromethyl-5'-*O*-[bis(4-methoxyphenoxy)phosphinyl] araguanosine;

4'-Difluoromethyl-5'-*O*-[bis(4-methoxyphenoxy)thiophosphinyl] araguanosine;

4'-Difluoromethylaraguanosine-3',5`-cyclic phosphoric acid isopropyl ester;

4'-Difluoromethylaraguanosine-3',5'-cyclic thiophosphoric acid isopropyl ester;

3'-Deoxy-3'-fluoro-4'-difluoromethyluridine;

3'-Deoxy-3'-fluoro-4'-difluoromethyluridine-5'-(*O*-phenyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

3'-Deoxy-3'-fluoro-4'-difluoromethyluridine-5'-(*O*-phenyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

3'-Deoxy-3'-fluoro-4'-difluoromethyluridine-5'-(*O*-1-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

3'-Deoxy-3`-fluoro-4'-difluoromethyluridine-5'-(*O*-1-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

3'-Deoxy-3'-fluoro-4'-difluoromethyluridine-5'-(*O*-2-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

3'-Deoxy-3'-fluoro-4'-difluoromethyluridine-5'-(*O*-2-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

3'-Deoxy-3'-fluoro-4'-difluoromethyluridine-5'-{*N,N'*-bis[(S)-1-(isopropoxylcarbonyl)ethyl]phosphorodiamidate;

3'-Deoxy-3'-fluoro-4'-difluoromethyluridine-5'-{*N,N'*-bis[(S)-1-(isopropoxylcarbonyl)ethyl]thiophosphorodiamidate;

3'-Deoxy-3'-fluoro-4'-difluoromethyl-5'-*O*-(2-oxido-4-H-1,3,2-benzodioxaphosphorin-2-yl)-uridine;

3'-Deoxy-3'-fluoro-4'-difluoromethyl-5'-*O*-(2-sulfide-4-H-1,3,2-benzodioxaphosphorin-2-yl)-uridine;

3'-Deoxy-3'-fluoro-4'-difluoromethyl-5'-*O*-[bis(4-methoxyphenoxy)phosphinyl] uridine;

3'-Deoxy-3'-fluoro-4'-difluoromethyl-5'-*O*-[bis(4-methoxyphenoxy)thiophosphinyl] uridine;

3'-Deoxy-3'-fluoro-4'-difluoromethylcytidine;

3'-Deoxy-3'-fluoro-4'-difluoromethylcytidine-5'-(*O*-phenyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

3'-Deoxy-3'-fluoro-4'-difluoromethylcytidine-5'-(*O*-phenyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

3'-Deoxy-3'-fluoro-4'-difluoromethylcytidine-5'-(*O*-1-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

3'-Deoxy-3'-fluoro-4'-difluoromethylcytidine-5'-(*O*-1-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

3'-Deoxy-3'-fluoro-4'-difluoromethylcytidine-5'-(*O*-2-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

3'-Deoxy-3'-fluoro-4'-difluoromethylcytidine-5'-(*O*-2-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

3'-Deoxy-3'-fluoro-4'-difluoromethylcytidine-5'-{*N,N'*-bis[(S)-1-(isopropoxylcarbonyl)ethyl]phosphorodiamidate;

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3'-Deoxy-3'-fluoro-4'-difluoromethylcytidine-5'-{*N,N'*-bis[(S)-1-(isopropoxylcarbonyl)ethyl]thiophosphorodiamidate;

3'-Deoxy-3'-fluoro-4'-difluoromethyl-5'-*O*-(2-oxido-4-H-1,3,2-benzodioxaphosphorin-2-yl)-cytidine;

3'-Deoxy-3'-fluoro-4'-difluoromethyl-5'-*O*-(2-sulfide-4-H-1,3,2-benzodioxaphosphorin-2-yl)-cytidine;

3'-Deoxy-3'-fluoro-4'-difluoromethyl-5'-*O*-[bis(4-methoxyphenoxy)phosphinyl] cytidine;

3'-Deoxy-3'-fluoro-4'-difluoromethyl-5'-*O*-[bis(4-methoxyphenoxy)thiophosphinyl] cytidine;

3'-Deoxy-3'-fluoro-4'-difluoromethylxylouridine;

3'-Deoxy-3'-fluoro-4'-difluoromethylxylouridine-5'-(*O*-phenyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

3'-Deoxy-3'-fluoro-4'-difluoromethylxylouridine-5'-(*O*-phenyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

3'-Deoxy-3'-fluoro-4'-difluoromethylxylouridine-5'-(*O*-1-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

3'-Deoxy-3'-fluoro-4'-difluoromethylxylouridine-5'-(*O*-1-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

3'-Deoxy-3'-fluoro-4'-difluoromethylxylouridine-5'-(*O*-2-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

3'-Deoxy-3'-fluoro-4'-difluoromethylxylouridine-5'-(*O*-2-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

3'-Deoxy-3'-fluoro-4'-difluoromethylxylouridine-5'-{*N,N'*-bis[(S)-1-(isopropoxylcarbonyl)ethyl]phosphorodiamidate;

3'-Deoxy-3'-fluoro-4'-difluoromethylxylouridine-5'-{*N,N'*-bis[(S)-1-(isopropoxylcarbonyl)ethyl]thiophosphorodiamidate;

3'-Deoxy-3'-fluoro-4'-difluoromethyl-5'-*O*-(2-oxido-4-H-1,3,2-benzodioxaphosphorin-2-yl)-xylouridine;

3'-Deoxy-3'-fluoro-4'-difluoromethyl-5'-*O*-(2-sulfide-4-H-1,3,2-benzodioxaphosphorin-2-yl)-xylouridine;

3'-Deoxy-3'-fluoro-4'-difluoromethyl-5'-*O*-[bis(4-methoxyphenoxy)phosphinyl] xylouridine;

3'-Deoxy-3'-fluoro-4'-difluoromethyl-5'-*O*-[bis(4-methoxyphenoxy)thiophosphinyl] xylouridine;

3'-Deoxy-3',5-difluoro-4'-difluoromethylxylouridine;

3'-Deoxy-3',5-difluoro-4'-difluoromethylxylouridine-5'-(*O*-phenyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

3'-Deoxy-3',5-difluoro-4'-difluoromethylxylouridine-5'-(*O*-phenyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

3'-Deoxy-3',5-difluoro-4'-difluoromethylxylouridine-5'-(*O*-1-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

3'-Deoxy-3',5-difluoro-4'-difluoromethylxylouridine-5'-(*O*-1-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

3'-Deoxy-3',5-difluoro-4'-difluoromethylxylouridine-5'-(*O*-2-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

3'-Deoxy-3',5-difluoro-4'-difluoromethylxylouridine-5'-(*O*-2-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

3'-Deoxy-3',5-difluoro-4'-difluoromethylxylouridine-5'-{*N,N'*-bis[(S)-1-(isopropoxylcarbonyl)ethyl]phosphorodiamidate;

3'-Deoxy-3',5-difluoro-4'-difluoromethylxylouridine-5'-{*N,N'*-bis[(S)-1-(isopropoxylcarbonyl)ethyl]thiophosphorodiamidate;

3'-Deoxy-3',5-difluoro-4'-difluoromethyl-5'-*O*-(2-oxido-4-H-1,3,2-benzodioxaphosphorin-2-yl)-xylouridine;

3'-Deoxy-3',5-difluoro-4'-difluoromethyl-5'-*O*-(2-sulfide-4-H-1,3,2-benzodioxaphosphorin-2-yl)-xylouridine;

3'-Deoxy-3',5-difluoro-4'-difluoromethyl-5'-*O*-[bis(4-methoxyphenoxy)phosphinyl] xylouridine;

3'-Deoxy-3',5-difluoro-4'-difluoromethyl-5'-*O*-[bis(4-methoxyphenoxy)thiophosphinyl] xylouridine;

5-Chloro-3'-deoxy-3'-fluoro-4'-difluoromethylxylouridine;

5-Chloro-3'-deoxy -3'-fluoro-4'-difluoromethylxylouridine-5'-(*O*-phenyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

5-Chloro-3'-deoxy -3'-fluoro-4'-difluoromethylxylouridine-5'-(*O*-phenyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

5-Chloro-3'-deoxy -3'-fluoro-4'-difluoromethylxylouridine-5'-(*O*-1-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

5-Chloro-3'-deoxy -3'-fluoro-4'-difluoromethylxylouridine-5'-(*O*-1-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

5-Chloro-3'-deoxy -3'-fluoro-4'-difluoromethylxylouridine-5'-(*O*-2-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

5-Chloro-3'-deoxy -3'-fluoro-4'-difluoromethylxylouridine-5'-(*O*-2-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

5-Chloro-3'-deoxy -3'-fluoro-4'-difluoromethylxylouridine-5'-{*N,N'*-bis[(S)-1-(isopropoxylcarbonyl)ethyl]phosphorodiamidate;

5-Chloro-3'-deoxy -3'-fluoro-4'-difluoromethylxylouridine-5'-{*N,N'*-bis[(S)-1-(isopropoxylcarbonyl)ethyl]thiophosphorodiamidate;

5-Chloro-3'-deoxy -3'-fluoro-4'-difluoromethyl-5'-*O*-(2-oxido-4-H-1,3,2-benzodioxaphosphorin-2-yl)-xylouridine;

5-Chloro-3'-deoxy -3'-fluoro-4'-difluoromethyl-5'-*O*-(2-sulfide-4-H-1,3,2-benzodioxaphosphorin-2-yl)-xylouridine;

5-Chloro-3'-deoxy -3'-fluoro-4'-difluoromethyl-5'-*O*-[bis(4-methoxyphenoxy)phosphinyl] xylouridine;

5-Chloro-3'-deoxy -3'-fluoro-4'-difluoromethyl-5'-*O*-[bis(4-methoxyphenoxy)thiophosphinyl] xylouridine;

3'-Deoxy-3'-fluoro-4'-difluoromethylxylocytidine;

3'-Deoxy-3'-fluoro-4'-difluoromethylxylocytidine-5'-(*O*-phenyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

3'-Deoxy-3'-fluoro-4'-difluoromethylxylocytidine-5'-(*O*-phenyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

3'-Deoxy-3'-fluoro-4'-difluoromethylxylocytidine-5'-(*O*-1-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

3'-Deoxy-3'-fluoro-4'-difluoromethylxylocytidine-5'-(*O*-1-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

3'-Deoxy-3'-fluoro-4'-difluoromethylxylocytidine-5'-(*O*-2-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

3'-Deoxy-3'-fluoro-4'-difluoromethylxylocytidine-5'-(*O*-2-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

3'-Deoxy-3'-fluoro-4'-difluoromethylxylocytidine-5'-{*N,N'*-bis[(S)-1-(isopropoxylcarbonyl)ethyl]phosphorodiamidate;

3'-Deoxy-3'-fluoro-4'-difluoromethylxylocytidine-5'-{*N,N'*-bis[(S)-1-(isopropoxylcarbonyl)ethyl]thiophosphorodiamidate;

3'-Deoxy-3'-fluoro-4'-difluoromethyl-5'-*O*-(2-oxido-4-H-1,3,2-benzodioxaphosphorin-2-yl)-xylocytidine;

3'-Deoxy-3'-fluoro-4'-difluoromethyl-5'-*O*-(2-sulfide-4-H-1,3,2-benzodioxaphosphorin-2-yl)-xylocytidine;

3'-Deoxy-3'-fluoro-4'-difluoromethyl-5'-*O*-[bis(4-methoxyphenoxy)phosphinyl] xylocytidine;

3'-Deoxy-3'-fluoro-4'-difluoromethyl-5'-*O*-[bis(4-methoxyphenoxy)thiophosphinyl] xylocytidine;

3'-Deoxy-3'5-difluoro-4'-difluoromethylxylocytidine;

3'-Deoxy-3',5-difluoro-4'-difluoromethylxylocytidine-5'-(*O*-phenyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

3'-Deoxy-3',5-difluoro-4'-difluoromethylxylocytidine-5'-(*O*-phenyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

3'-Deoxy-3',5-difluoro-4'-difluoromethylxylocytidine-5'-(*O*-1-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

3'-Deoxy-3',5-difluoro-4'-difluoromethylxylocytidine-5'-(*O*-1-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

3'-Deoxy-3',5-difluoro-4'-difluoromethylxylocytidine-5'-(*O*-2-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

3'-Deoxy-3',5-difluoro-4'-difluoromethylxylocytidine-5'-(*O*-2-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

3'-Deoxy-3',5-difluoro-4'-difluoromethylxylocytidine-5'-{*N,N'*-bis[(S)-1-(isopropoxylcarbonyl)ethyl]phosphorodiamidate;

3'-Deoxy-3',5-difluoro-4'-difluoromethylxylocytidine-5'-{*N,N'*-bis[(S)-1-(isopropoxylcarbonyl)ethyl]thiophosphorodiamidate;

3'-Deoxy-3',5-difluoro-4'-difluoromethyl-5'-*O*-(2-oxido-4-H-1,3,2-benzodioxaphosphorin-2-yl)-xylocytidine;

3'-Deoxy-3',5-difluoro-4'-difluoromethyl-5'-*O*-(2-sulfide-4-H-1,3,2-benzodioxaphosphorin-2-yl)-xylocytidine;

3'-Deoxy-3',5-difluoro-4'-difluoromethyl-5'-*O*-[bis(4-methoxyphenoxy)phosphinyl] xylocytidine;

3'-Deoxy-3',5-difluoro-4'-difluoromethyl-5'-*O*-[bis(4-methoxyphenoxy)thiophosphinyl] xylocytidine;

5-Chloro-3'-deoxy-3'-fluoro-4'-difluoromethylxylocytidine;

5-Chloro-3'-deoxy -3'-fluoro-4'-difluoromethylxylocytidine-5'-(*O*-phenyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

5-Chloro-3'-deoxy -3'-fluoro-4'-difluoromethylxylocytidine-5'-(*O*-phenyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

5-Chloro-3'-deoxy -3'-fluoro-4'-difluoromethylxylocytidine-5'-(*O*-1-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

5-Chloro-3'-deoxy -3'-fluoro-4'-difluoromethylxylocytidine-5'-(*O*-1-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

5-Chloro-3'-deoxy -3'-fluoro-4'-difluoromethylxylocytidine-5'-(*O*-2-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

5-Chloro-3'-deoxy -3'-fluoro-4'-difluoromethylxylocytidine-5'-(*O*-2-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

5-Chloro-3'-deoxy -3'-fluoro-4'-difluoromethylxylocytidine-5'-{*N,N*'-bis[(S)-1-(isopropoxylcarbonyl)ethyl]phosphorodiamidate;

5-Chloro-3'-deoxy -3'-fluoro-4'-difluoromethylxylocytidine-5'-{*N,N*'-bis[(S)-1-(isopropoxylcarbonyl)ethyl]thiophosphorodiamidate;

5-Chloro-3'-deoxy -3'-fluoro-4'-difluoromethyl-5'-*O*-(2-oxido-4-H-1,3,2-benzodioxaphosphorin-2-yl)-xylocytidine;

5-Chloro-3'-deoxy-3'-fluoro-4'-difluoromethyl-5'-*O*-(2-sulfide-4-H-1,3,2-benzodioxaphosphorin-2-yl)-xylocytidine;

5-Chloro-3'-deoxy -3'-fluoro-4'-difluoromethyl-5'-*O*-[bis(4-methoxyphenoxy)phosphinyl] xylocytidine;

5-Chloro-3'-deoxy 3'-fluoro-4'-difluoromethyl-5'-*O*-[bis(4-methoxyphenoxy)thiophosphinyl] xylocytidine;

3'-Deoxy-3'-fluoro-4'-difluoromethylxyloadenosine;

3'-Deoxy-3'-fluoro-4'-difluoromethylxyloadenosine-5'-(*O*-phenyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

3'-Deoxy-3'-fluoro-4'-difluoromethylxyloadenosine-5'-(*O*-phenyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

3'-Deoxy-3'-fluoro-4'-difluoromethylxyloadenosine-5'-(*O*-1-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

3'-Deoxy-3'-fluoro-4'-difluoromethylxyloadenosine-5'-(*O*-1-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

3'-Deoxy-3'-fluoro-4'-difluoromethylxyloadenosine-5'-(*O*-2-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

3'-Deoxy-3'-fluoro-4'-difluoromethylxyloadenosine-5'-(*O*-2-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

3'-Deoxy-3'-fluoro-4'-difluoromethylxyloadenosine-5'-{*N,N'*-bis[(S)-1-(isopropoxylcarbonyl)ethyl]phosphorodiamidate;

3'-Deoxy-3'-fluoro-4'-difluoromethylxyloadenosine-5'-{*N,N'*-bis[(S)-1-(isopropoxylcarbonyl)ethyl]thiophosphorodiamidate;

3'-Deoxy-3'-fluoro-4'-difluoromethyl-5'-*O*-(2-oxido-4-H-1,3,2-benzodioxaphosphorin-2-yl)-xyloadenosine;

3'-Deoxy-3'-fluoro-4'-difluoromethyl-5'-*O*-(2-sulfide-4-H-1,3,2-benzodioxaphosphorin-2-yl)-xyloadenosine;

3'-Deoxy-3'-fluoro-4'-difluoromethyl-5'-*O*-[bis(4-methoxyphenoxy)phosphinyl] xyloadenosine;

3'-Deoxy-3'-fluoro-4'-difluoromethyl-5'-*O*-[bis(4-methoxyphenoxy)thiophosphinyl] xyloadenosine;

3'-Deoxy-3'-fluoro-4'-difluoromethylxyloguanosine;

3'-Deoxy-3'-fluoro-4'-difluoromethylxyloguanosine-5'-(*O*-phenyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

3'-Deoxy-3'-fluoro-4'-difluoromethylxyloguanosine-5'-(*O*-phenyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

3'-Deoxy-3'-fluoro-4'-difluoromethylxyloguanosine-5'-(*O*-1-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

3'-Deoxy-3'-fluoro-4'-difluoromethylxyloguanosine-5'-(*O*-1-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

3'-Deoxy-3'-fluoro-4'-difluoromethylxyloguanosine-5'-(*O*-2-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

3'-Deoxy-3'-fluoro-4'-difluoromethylxyloguanosine-5'-(*O*-2-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

3'-Deoxy-3'-fluoro-4'-difluoromethylxyloguanosine-5'-{*N,N'*-bis[(S)-1-(isopropoxylcarbonyl)ethyl]phosphorodiamidate;

3'-Deoxy-3'-fluoro-4'-difluoromethylxyloguanosine-5'-{*N,N'*-bis[(S)-1-(isopropoxylcarbonyl)ethyl]thiophosphorodiamidate;

3'-Deoxy-3'-fluoro-4'-difluoromethyl-5'-*O*-(2-oxido-4-H-1,3,2-benzodioxaphosphorin-2-yl)-xyloguanosine;

3'-Deoxy-3'-fluoro-4'-difluoromethyl-5'-*O*-(2-sulfide-4-H-1,3,2-benzodioxaphosphorin-2-yl)-xyloguanosine;

3'-Deoxy-3'-fluoro-4'-difluoromethyl-5'-*O*-[bis(4-methoxyphenoxy)phosphinyl] xyloguanosine;

3'-Deoxy-3'-fluoro-4'-difluoromethyl-5'-*O*-[bis(4-methoxyphenoxy)thiophosphinyl] xyloguanosine;

4'-Difluoromethylxylouridine;

4'-Difluoromethylxylouridine-5'-(*O*-phenyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

4'-Difluoromethylxylouridine-5'-(*O*-phenyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

4'-Difluoromethylxylouridine-5'-(*O*-1-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

4'-Difluoromethylxylouridine-5'-(*O*-1-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

4'-Difluoromethylxylouridine-5'-(*O*-2-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

4'-Difluoromethylxylouridine-5'-(*O*-2-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

4'-Difluoromethylxylouridine-5'-{*N,N'*-bis[(S)-1-(isopropoxylcarbonyl)ethyl]phosphorodiamidate;

4'-Difluoromethylxylouridine-5'-{*N,N'*-bis[(S)-1-(isopropoxylcarbonyl)ethyl]thiophosphorodiamidate;

4'-Difluoromethyl-5'-*O*-(2-oxido-4-H-1,3,2-benzodioxaphosphorin-2-yl)-xylouridine;

4'-Difluoromethyl-5'-*O*-(2-sulfide-4-H-1,3,2-benzodioxaphosphorin-2-yl)-xylouridine;

4'-Difluoromethyl-5'-*O*-[bis(4-methoxyphenoxy)phosphinyl] xylouridine;

4'-Difluoromethyl-5'-*O*-[bis(4-methoxyphenoxy)thiophosphinyl] xylouridine;

4'-Difluoromethylxylouridine-3',5'-cyclic phosphoric acid isopropyl ester;

4'-Difluoromethylxylouridine-3',5'-cyclic thiophosphoric acid isopropyl ester;

4'-Difluoromethyl-5-fluoroxylouridine;

4'-Difluoromethyl-5-fluoroxylouridine-5'-(*O*-phenyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

4'-Difluoromethyl-5-fluororxylouridine-5'-(*O*-phenyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

4'-Difluoromethyl-5-fluoroxylouridine-5'-(*O*-1-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

4'-Difluoromethyl-5-fluoroxylouridine-5'-(*O*-1-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

4'-Difluoromethyl-5-fluoroxylouridine-5'-(*O*-2-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

4'-Difluoromethyl-5-fluoroxylouridine-5'-(*O*-2-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

4'-Difluoromethyl-5-fluoroxylouridine-5'-{*N,N'*-bis[(S)-1-(isopropoxylcarbonyl)ethyl]phosphorodiamidate;

4'-Difluoromethyl-5-fluororxylouridine-5'-{*N,N'*-bis[(S)-1-(isopropoxylcarbonyl)ethyl]thiophosphorodiamidate;

4'-Difluoromethyl-5'-*O*-(2-oxido-4-H-1,3,2-benzodioxaphosphorin-2-yl)-5-fluoroxylouridine;

4'-Difluoromethyl-5'-*O*-(2-sulfide-4-H-1,3,2-benzodioxaphosphorin-2-yl)-5-fluoroxylouridine;

4'-Difluoromethyl-5'-*O*-[bis(4-methoxyphenoxy)phosphinyl]-5-fluoroxylouridine;

4'-Difluoromethyl-5'-*O*-[bis(4-methoxyphenoxy)thiophosphinyl]-5-fluororxylouridine;

4'-Difluoromethyl-5-fluoroxylouridine-3',5'-cyclic phosphoric acid isopropyl ester;

4'-Difluoromethyl-5-fluoroxylouridine-3',5'-cyclic thiophosphoric acid isopropyl ester;

5-Chloro-4'-difluoromethylxylouridine;

5-Chloro-4'-difluoromethylxylouridine-5'-(*O*-phenyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

5-Chloro-4'-difluoromethylxylouridine-5'-(*O*-phenyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

5-Chloro-4'-difluoromethylxylouridine-5'-(*O*-1-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

5-Chloro-4'-difluoromethylxylouridine-5'-(*O*-1-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

5-Chloro-4'-difluoromethylxylouridine-5'-(*O*-2-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

5-Chloro-4'-difluoromethylxylouridine-5'-(*O*-2-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

5-Chloro-4'-difluoromethylxylouridine-5'-{*N,N*'-bis[(S)-1-(isopropoxylcarbonyl)ethyl]phosphorodiamidate;

5-Chloro-4'-difluoromethylxylouridine-5'-{*N,N*'-bis[(S)-1-(isopropoxylcarbonyl)ethyl]thiophosphorodiamidate;

5-Chloro-4'-difluoromethyl-5'-*O*-(2-oxido-4-H-1,3,2-benzodioxaphosphorin-2-yl)-xylouridine;

5-Chloro-4'-difluoromethyl-5'-*O*-(2-sulfide-4-H-1,3,2-benzodioxaphosphorin-2-yl)-xylouridine;

5-Chloro-4'-difluoromethyl-5'-*O*-[bis(4-methoxyphenoxy)phosphinyl] xylouridine;

5-Chloro-4'-difluoromethyl-5'-*O*-[bis(4-methoxyphenoxy)thiophosphinyl] xylouridine;

5-Chloro-4'-difluoromethylxylouridine-3',5'-cyclic phosphoric acid isopropyl ester;

5-Chloro-4'-difluoromethylxylouridine-3',5'-cyclic thiophosphoric acid isopropyl ester;

4'-Difluoromethylxylocytidine;

4'-Difluoromethylxylocytidine-5'-(*O*-phenyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

4'-Difluoromethylxylocytidine-5'-(*O*-phenyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

4'-Difluoromethylxylocytidine-5'-(*O*-1-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

4'-Difluoromethylxylocytidine-5'-(*O*-1-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

4'-Difluoromethylxylocytidine-5'-(*O*-2-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

4'-Difluoromethylxylocytidine-5'-(*O*-2-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

4'-Difluoromethylxylocytidine-5'-{*N,N'*-bis[(S)-1-(isopropoxylcarbonyl)ethyl]phosphorodiamidate;

4'-Difluoromethylxylocytidine-5'-{*N,N'*-bis[(S)-1-(isopropoxylcarbonyl)ethyl]thiophosphorodiamidate;

4'-Difluoromethyl-5'-*O*-[bis(4-methoxyphenoxy)phosphinyl] xylocytidine;

4'-Difluoromethyl-5'-*O*-[bis(4-methoxyphenoxy)thiophosphinyl] xylocytidine;

4'-Difluoromethyl-5'-*O*-[bis(4-methoxyphenoxy)phosphinyl] xylocytidine;

4'-Difluoromethyl-5'-*O*-[bis(4-methoxyphenoxy)thiophosphinyl] xylocytidine;

4'-Difluoromethylxylocytidine-3',5'-cyclic phosphoric acid isopropyl ester;

4'-Difluoromethylxylocytidine-3',5'-cyclic thiophosphoric acid isopropyl ester;

4'-Difluoromethyl-5-fluoroxylocytidine;

4'-Difluoromethyl-5-fluoroxylocytidine-5'-(*O*-phenyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

4'-Difluoromethyl-5-fluororxylocytidine-5'-(*O*-phenyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

4'-Difluoromethyl-5-fluoroxylocytidine-5'-(*O*-1-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

4'-Difluoromethyl-5-fluoroxylocytidine-5'-(*O*-1-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

4'-Difluoromethyl-5-fluoroxylocytidine-5'-(*O*-2-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

4'-Difluoromethyl-5-fluoroxylocytidine-5'-(*O*-2-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

4'-Difluoromethyl-5-fluoroxylocytidine-5'-{*N,N'*-bis[(S)-1-(isopropoxylcarbonyl)ethyl]phosphorodiamidate;

4'-Difluoromethyl-5-fluororxylocytidine-5'-{*N,N'*-bis[(S)-1-(isopropoxylcarbonyl)ethyl]thiophosphorodiamidate;

4'-Difluoromethyl-5'-*O*-(2-oxido-4-H-1,3,2-benzodioxaphosphorin-2-yl)-5-fluoroxylocytidine;

4'-Difluoromethyl-5'-*O*-(2-sulfide-4-H-1,3,2-benzodioxaphosphorin-2-yl)-5-fluoroxylocytidine;

4'-Difluoromethyl-5'-*O*-[bis(4-methoxyphenoxy)phosphinyl]-5-fluoroxylocytidine;

4'-Difluoromethyl-5'-*O*-[bis(4-methoxyphenoxy)thiophosphinyl]-5-fluororxylocytidine;

4'-Difluoromethyl-5-fluoroxylouridine-3',5'-cyclic phosphoric acid isopropyl ester;

4'-Difluoromethyl-5-fluoroxylocytidine-3',5'-cyclic thiophosphoric acid isopropyl ester;

5-Chloro-4'-difluoromethylxylocytidine;

5-Chloro-4'-difluoromethylxylocytidine-5'-(*O*-phenyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

5-Chloro-4'-difluoromethylxylocytidine-5'-(*O*-phenyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

5-Chloro-4'-difluoromethylxylocytidine-5'-(*O*-1-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

5-Chloro-4'-difluoromethylxylocytidine-5'-(*O*-1-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

5-Chloro-4'-difluoromethylxylocytidine-5'-(*O*-2-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

5-Chloro-4'-difluoromethylxylocytidine-5'-(*O*-2-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

5-Chloro-4'-difluoromethylxylocytidine-5'-{*N,N'*-bis[(S)-1-(isopropoxylcarbonyl)ethyl]phosphorodiamidate;

5-Chloro-4'-difluoromethylxylocytidine-5'-{*N,N'*-bis[(S)-1-(isopropoxylcarbonyl)ethyl]thiophosphorodiamidate;

5-Chloro-4'-difluoromethyl-5'-*O*-(2-oxido-4-H-1,3,2-benzodioxaphosphorin-2-yl)-xylocytidine;

5-Chloro-4'-difluoromethyl-5'-*O*-(2-sulfide-4-H-1,3,2-benzodioxaphosphorin-2-yl)-xylocytidine;

5-Chloro-4'-difluoromethyl-5'-*O*-[bis(4-methoxyphenoxy)phosphinyl] xylocytidine;

5-Chloro-4'-difluoromethyl-5'-*O*-[bis(4-methoxyphenoxy)thiophosphinyl] xylocytidine;

5-Chloro-4'-difluoromethylxylocytidine-3',5'-cyclic phosphoric acid isopropyl ester;

5-Chloro-4'-difluoromethylxylocytidine-3',5'-cyclic thiophosphoric acid isopropyl ester;

4'-Difluoromethylxyloadenosine;

4'-Difluoromethylxyloadenosine-5'-(*O*-phenyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl; phosphoramidate;

4'-Difluoromethylxyloadenosine-5'-(*O*-phenyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

4'-Difluoromethylxyloadenosine-5'-(*O*-1-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

4'-Difluoromethylxyloadenosine-5'-(*O*-1-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

4'-Difluoromethylxyloadenosine-5'-(*O*-2-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

4'-Difluoromethylxyloadenosine-5'-(*O*-2-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

4'-Difluoromethylxyloadenosine-5'-{*N,N'*-bis[(S)-1-(isopropoxylcarbonyl)ethyl]phosphorodiamidate;

4'-Difluoromethylxyloadenosine-5'-{*N,N'*-bis[(S)-1-(isopropoxylcarbonyl)ethyl]thiophosphorodiamidate;

4'-Difluoromethyl-5'-*O*-[bis(4-methoxyphenoxy)phosphinyl] xyloadenosine;

4'-Difluoromethyl-5'-*O*-[bis(4-methoxyphenoxy)thiophosphinyl] xyloadenosine;

4'-Difluoromethyl-5'-*O*-[bis(4-methoxyphenoxy)phosphinyl] xyloadenosine;

4'-Difluoromethyl-5'-*O*-[bis(4-methoxyphenoxy)thiophosphinyl] xyloadenosine;

4'-Difluoromethylxyloadenosine-3',5'-cyclic phosphoric acid isopropyl ester;

4'-Difluoromethylxyloadenosine-3',5'-cyclic thiophosphoric acid isopropyl ester;

4'-Difluoromethylxyloguanosine;

4'-Difluoromethylxyloguanosine-5'-(*O*-phenyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

4'-Difluoromethylxyloguanosine-5'-(*O*-phenyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

4'-Difluoromethylxyloguanosine-5'-(*O*-1-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

4'-Difluoromethylxyloguanosine-5'-(*O*-1-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

4'-Difluoromethylxyloguanosine-5'-(*O*-2-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

4'-Difluoromethylxyloguanosine-5'-(*O*-2-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

4'-Difluoromethylxyloguanosine-5'-{*N*,*N*'-bis[(S)-1-(isopropoxylcarbonyl)ethyl]phosphorodiamidate;

4'-Difluoromethylxyloguanosine-5'-{*N*,*N*'-bis[(S)-1-(isopropoxylcarbonyl)ethyl]thiophosphorodiamidate;

4'-Difluoromethyl-5'-*O*-[bis(4-methoxyphenoxy)phosphinyl] xyloguanosine;

4'-Difluoromethyl-5'-*O*-[bis(4-methoxyphenoxy)thiophosphinyl] xyloguanosine;

4'-Difluoromethyl-5'-*O*-[bis(4-methoxyphenoxy)phosphinyl] xyloguanosine;

4'-Difluoromethyl-5'-*O*-[bis(4-methoxyphenoxy)thiophosphinyl] xyloguanosine;

4'-Difluoromethylxyloguanosine-3',5'-cyclic phosphoric acid isopropyl ester;

4'-Difluoromethylxyloguanosine-3',5'-cyclic thiophosphoric acid isopropyl ester;

3'-Deoxy-3',3'-difluoro-4'-difluoromethyluridine;

3'-Deoxy-3',3'-difluoro-4'-difluoromethyluridine-5'-(*O*-phenyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

3'-Deoxy-3',3'-difluoro-4'-difluoromethyluridine-5'-(*O*-phenyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

3'-Deoxy-3',3'-difluoro-4'-difluoromethyluridine-5'-(*O*-1-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

3'-Deoxy-3',3'-difluoro-4'-difluoromethyluridine-5'-(*O*-1-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

3'-Deoxy-3',3'-difluoro-4'-difluoromethyluridine-5'-(*O*-2-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

3'-Deoxy-3',3'-difluoro-4'-difluoromethyluridine-5'-(*O*-2-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

3'-Deoxy-3',3'-difluoro-4'-difluoromethyluridine-5'-{*N,N*'-bis[(S)-1-(isopropoxylcarbonyl)ethyl]phosphorodiamidate;

3'-Deoxy-3',3'-difluoro-4'-difluoromethyluridine-5'-{*N,N*'-bis[(S)-1-(isopropoxylcarbonyl)ethyl]thiophosphorodiamidate;

3'-Deoxy-3',3'-difluoro-4'-difluoromethyl-5'-*O*-(2-oxido-4-H-1,3,2-benzodioxaphosphorin-2-yl)-uridine;

3'-Deoxy-3',3'-difluoro-4'-difluoromethyl-5'-*O*-(2-sulfide-4-H-1,3,2-benzodioxaphosphorin-2-yl)-uridine;

3'-Deoxy-3',3'-difluoro -4'-difluoromethyl-5'-*O*-[bis(4-methoxyphenoxy)phosphinyl] uridine;

3'-Deoxy-3',3'-difluoro -4'-difluoromethyl-5'-*O*-[bis(4-methoxyphenoxy)thiophosphinyl] uridine;

3'-Deoxy-3',3'-difluoro-4'-difluoromethyl-5-fluorouridine;

3'-Deoxy-3',3'-difluoro-4'-difluoromethyl-5-fluorouridine-5'-(*O*-phenyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

3'-Deoxy-3',3'-difluoro-4'-difluoromethyl-5-fluorouridine-5'-(*O*-phenyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

3'-Deoxy-3',3'-difluoro-4'-difluoromethyl-5-fluorouridine-5'-(*O*-1-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

3'-Deoxy-3',3'-difluoro-4'-difluoromethyl-5-fluorouridine-5'-(*O*-1-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

3'-Deoxy-3',3`-difluoro-4'-difluoromethyl-5-fluorouridine-5'-(*O*-2-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

3'-Deoxy-3',3'-difluoro-4'-difluoromethyl-5-fluororuridine-5'-(*O*-2-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

3'-Deoxy-3',3'-difluoro-4'-difluoromethyl-5-fluororuridine-5'-[*N,N'*-bis[(S)-1-(isopropoxylcarbonyl)ethyl]phosphorodiamidate;

3'-Deoxy-3',3'-difluoro-4'-difluoromethyl-5-fluorouridine-5'-{*N,N'*-bis[(S)-1-(isopropoxylcarbonyl)ethyl]thiophosphorodiamidate;

3'-Deoxy-3',3'-difluoro-4'-difluoromethyl-5-fluorouridine-5'-*O*-(2-oxido-4-H-1,3,2-benzodioxaphosphorin-2-yl)-uridine;

3'-Deoxy-3',3'-difluoro-4'-difluoromethyl-5-fluorouridine-5'-*O*-(2-sulfide-4-H-1,3,2-benzodioxaphosphorin-2-yl)-uridine;

3'-Deoxy-3',3'-difluoro -4'-difluoromethyl-5'-*O*-[bis(4-methoxyphenoxy)phosphinyl]-5-fluorouridine;

3'-Deoxy-3',3'-difluoro -4'-difluoromethyl-5'-*O*-[bis(4-methoxyphenoxy)thiophosphinyl]-5-fluorouridine;

5-Chloro-3'-deoxy-3',3'-difluoro-4'-difluoromethyluridine;

5-Chloro-3'-deoxy -3',3'-difluoro-4'-difluoromethyluridine-5'-(*O*-phenyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

5-Chloro-3'-deoxy -3',3'-difluoro-4'-difluoromethyluridine-5'-(*O*-phenyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

5-Chloro-3'-deoxy -3',3'-difluoro-4'-difluoromethyluridine-5'-(*O*-1-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

5-Chloro-3'-deoxy -3',3'-difluoro-4'-difluoromethyluridine-5'-(*O*-1-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

5-Chloro-3'-deoxy -3',3'-difluoro-4'-difluoromethyluridine-5'-(*O*-2-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

5-Chloro-3'-deoxy -3',3'-difluoro-4'-difluoromethyluridine-5'-(*O*-2-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

5-Chloro-3'-deoxy -3',3'-difluoro-4'-difluoromethyluridine-5'-{*N,N'*-bis[(S)-1-(isopropoxylcarbonyl)ethyl]phosphorodiamidate;

5-Chloro-3'-deoxy -3',3'-difluoro-4'-difluoromethyluridine-5'-{*N,N'*-bis[(S)-1-(isopropoxylcarbonyl)ethyl]thiophosphorodiamidate;

5-Chloro-3'-deoxy -3',3'-difluoro-4'-difluoromethyluridine-5'-*O*-(2-oxido-4-H-1,3,2-benzodioxaphosphorin-2-yl)-uridine;

5-Chloro-3'-deoxy -3',3'-difluoro-4'-difluoromethyluridine-5'-*O*-(2-sulfide-4-H-1,3,2-benzodioxaphosphorin-2-yl)-uridine;

5-Chloro-3'-deoxy -3',3'-difluoro -4'-difluoromethyl-5'-*O*-[bis(4-methoxyphenoxy)phosphinyl] uridine;

5-Chloro-3'-deoxy -3',3'-difluoro -4'-difluoromethyl-5'-*O*-[bis(4-methoxyphenoxy)thiophosphinyl] uridine;

3'-Deoxy-3',3'-difluoro-4'-difluoromethylcytidine;

3'-Deoxy-3',3'-difluoro-4'-difluoromethylcytidine-5'-(*O*-phenyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

3'-Deoxy-3',3'-difluoro-4'-difluoromethylcytidine-5'-(*O*-phenyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

3'-Deoxy-3',3'-difluoro-4'-difluoromethylcytidine-5'-(*O*-1-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

3'-Deoxy-3',3'-difluoro-4'-difluoromethylcytidine-5'-(*O*-1-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

3'-Deoxy-3',3'-difluoro-4'-difluoromethylcytidine-5'-(*O*-2-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

3'-Deoxy-3',3'-difluoro-4'-difluoromethylcytidine-5'-(*O*-2-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

3'-Deoxy-3',3'-difluoro-4'-difluoromethylcytidine-5'-{*N,N'*-bis[(S)-1-(isopropoxylcarbonyl)ethyl]phosphorodiamidate;

3'-Deoxy-3',3'-difluoro-4'-difluoromethylcytidine-5'-{*N,N'*-bis[(S)-1-(isopropoxylcarbonyl)ethyl]thiophosphorodiamidate;

3'-Deoxy-3',3'-difluoro-4'-difluoromethyl-5'-*O*-(2-oxido-4-H-1,3,2-benzodioxaphosphorin-2-yl)-cytidine;

3'-Deoxy-3',3'-difluoro-4'-difluoromethyl-5'-*O*-(2-sulfide-4-H-1,3,2-benzodioxaphosphorin-2-yl)-cytidine;

3'-Deoxy-3',3'-difluoro -4'-difluoromethyl-5'-*O*-[bis(4-methoxyphenoxy)phosphinyl] cytidine;

3'-Deoxy-3',3'-difluoro -4'-difluoromethyl-5'-*O*-[bis(4-methoxyphenoxy)thiophosphinyl] cytidine;

3'-Deoxy-3',3'-difluoro-4'-difluoromethyl-5-fluorocytidine;

3'-Deoxy-3',3'-difluoro-4'-difluoromethyl-5-fluorocytidine-5'-(*O*-phenyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

3'-Deoxy-3',3'-difluoro-4'-difluoromethyl-5-fluorocytidine-5'-(*O*-phenyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

3'-Deoxy-3',3'-difluoro-4'-difluoromethyl-5-fluorocytidine-5'-(*O*-1-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

3'-Deoxy-3',3'-difluoro-4'-difluoromethyl-5-fluorocytidine-5'-(*O*-1-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

3'-Deoxy-3',3'-difluoro-4'-difluoromethyl-5-fluorocytidine-5'-(*O*-2-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

3'-Deoxy-3',3'-difluoro-4'-difluoromethyl-5-fluororcytidine-5'-(*O*-2-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

3'-Deoxy-3',3'-difluoro-4'-difluoromethyl-5-fluororcytidine-5'-{*N,N'*-bis[(S)-1-(isopropoxylcarbonyl)ethyl]phosphorodiamidate;

3'-Deoxy-3',3'-difluoro-4'-difluoromethyl-5-fluorocytidine-5'-{*N,N'*-bis[(S)-1-(isopropoxylcarbonyl)ethyl]thiophosphorodiamidate;

3'-Deoxy-3',3'-difluoro-4'-difluoromethyl-5'-*O*-(2-oxido-4-H-1,3,2-benzodioxaphosphorin-2-yl)- 5-fluorocytidine;

3'-Deoxy-3',3'-difluoro-4'-difluoromethy -5'-*O*-(2-sulfide-4-H-1,3,2-benzodioxaphosphorin-2-yl)- 5-fluorocytidine;

3'-Deoxy-3',3'-difluoro -4'-difluoromethyl-5'-*O*-[bis(4-methoxyphenoxy)phosphinyl]-5-fluorocytidine;

3'-Deoxy-3',3'-difluoro -4'-difluoromethyl-5'-*O*-[bis(4-methoxyphenoxy)thiophosphinyl]-5-fluorocytidine;

5-Chloro-3'-deoxy-3',3'-difluoro-4'-difluoromethylcytidine;

5-Chloro-3'-deoxy -3',3'-difluoro-4'-difluoromethylcytidine-5'-(*O*-phenyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

5-Chloro-3'-deoxy -3',3'-difluoro-4'-difluoromethylcytidine-5'-(*O*-phenyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

5-Chloro-3'-deoxy -3',3'-difluoro-4'-difluoromethylcytidine-5'-(*O*-1-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

5-Chloro-3'-deoxy -3',3'-difluoro-4'-difluoromethylcytidine-5'-(*O*-1-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

5-Chloro-3'-deoxy -3',3'-difluoro-4'-difluoromethylcytidine-5'-(*O*-2-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

5-Chloro-3'-deoxy -3',3'-difluoro-4'-difluoromethylcytidine-5'-(*O*-2-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

5-Chloro-3'-deoxy -3',3'-difluoro-4'-difluoromethylcytidine-5'-{*N,N'*-bis](S)-1-(isopropoxylcarbonyl)ethyl]phosphorodiamidate;

5-Chloro-3'-deoxy -3',3'-difluoro-4'-difluoromethylcytidine-5'-{*N,N'*-bis](S)-1-(isopropoxylcarbonyl)ethyl]thiophosphorodiamidate;

5-Chloro-3'-deoxy -3',3'-difluoro-4'-difluoromethylcytidine-5'-*O*-(2-oxido-4-H-1,3,2-benzodioxaphosphorin-2-yl)-uridine;

5-Chloro-3'-deoxy -3',3'-difluoro-4'-difluoromethylcytidine-5'-*O*-(2-sulfide-4-H-1,3,2-benzodioxaphosphorin-2-yl)-uridine;

5-Chloro-3'-deoxy -3',3'-difluoro -4'-difluoromethyl-5'-*O*-[bis(4-methoxyphenoxy)phosphinyl] cytidine;

5-Chloro-3'-deoxy -3',3'-difluoro -4'-difluoromethyl-5'-*O*-[bis(4-methoxyphenoxy)thiophosphinyl] cytidine;

3'-Deoxy-3',3'-difluoro-4'-difluoromethyladenosine;

3'-Deoxy-3',3`-difluoro-4'-difluoromethylcytidine-5'-(*O*-phenyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

3'-Deoxy-3',3'-difluoro-4'-difluoromethyladenosine-5'-(*O*-phenyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

3'-Deoxy-3',3'-difluoro-4'-difluoromethyladenosine-5'-(*O*-1-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

3'-Deoxy-3',3'-difluoro-4'-difluoromethyladenosine-5'-(*O*-1-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

3'-Deoxy-3',3'-difluoro-4'-difluoromethyladenosine-5'-(*O*-2-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

3'-Deoxy-3',3'-difluoro-4'-difluoromethyladenosine-5'-(*O*-2-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

3'-Deoxy-3',3'-difluoro-4'-difluoromethyladenosine-5'-{*N,N'*-bis[(S)-1-(isopropoxylcarbonyl)ethyl]phosphorodiamidate;

3'-Deoxy-3',3'-difluoro-4'-difluoromethyladenosine-5'-{*N,N'*-bis[(S)-1-(isopropoxylcarbonyl)ethyl]thiophosphorodiamidate;

3'-Deoxy-3',3'-difluoro-4'-difluoromethyl-5'-*O*-(2-oxido-4-H-1,3,2-benzodioxaphosphorin-2-yl)-adenosine;

3'-Deoxy-3',3'-difluoro-4'-difluoromethyl-5'-*O*-(2-sulfide-4-H-1,3,2-benzodioxaphosphorin-2-yl)-adenosine;

3'-Deoxy-3',3'-difluoro -4'-difluoromethyl-5'-*O*-[bis(4-methoxyphenoxy)phosphinyl] adenosine;

3'-Deoxy-3',3'-difluoro -4'-difluoromethyl-5'-*O*-[bis(4-methoxyphenoxy)thiophosphinyl] adenosine;

3'-Deoxy-3',3'-difluoro-4'-difluoromethylguanosine;

3'-Deoxy-3',3'-difluoro-4'-difluoromethylguanosine-5'-(*O*-phenyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

3'-Deoxy-3',3'-difluoro-4'-difluoromethylguanosine-5'-(*O*-phenyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

3'-Deoxy-3',3'-difluoro-4'-difluoromethylguanosine-5'-(*O*-1-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

3'-Deoxy-3',3'-difluoro-4'-difluoromethylguanosine-5'-(*O*-1-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

3'-Deoxy-3',3'-difluoro-4'-difluoromethylguanosine-5'-(*O*-2-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl phosphoramidate;

3'-Deoxy-3',3'-difluoro-4'-difluoromethylguanosine-5'-(*O*-2-naphthyl-*N*-(S)-1-(isopropoxycarbonyl)ethyl thiophosphoramidate;

3'-Deoxy-3',3'-difluoro-4'-difluoromethylguanosine-5'-{*N,N'*-bis[(S)-1-(isopropoxylcarbonyl)ethyl]phosphorodiamidate;

3'-Deoxy-3',3'-difluoro-4'-difluoromethylguanosine-5'-{*N,N'*-bis[(S)-1-(isopropoxylcarbonyl)ethyl]thiophosphorodiamidate;

3'-Deoxy-3',3'-difluoro-4'-difluoromethyl-5'-*O*-(2-oxido-4-H-1,3,2-benzodioxaphosphorin-2-yl)-guanosine;

3'-Deoxy-3',3'-difluoro-4'-difluoromethyl-5'-*O*-(2-sulfide-4-H-1,3,2-benzodioxaphosphorin-2-yl)-guanosine;

3'-Deoxy-3',3'-difluoro -4'-difluoromethyl-5'-*O*-[bis(4-methoxyphenoxy)phosphinyl] guanosine; and

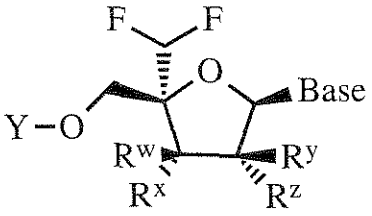
3'-Deoxy-3',3'-difluoro -4'-difluoromethyl-5'-*O*-[bis(4-methoxyphenoxy)thiophosphinyl] guanosine.

[0007] The application provides the compounds of Formula I which are useful for the treatment of diseases mediated by Influenza, pharmaceutical compositions comprising such compounds of Formula I, or result in the formation of such compounds of Formula I in vivo during said treatment.

[0007a] The application provides, in another aspect, a compound as defined herein for use as a therapeutically active substance.

[0007b] The application provides, in another aspect, a pharmaceutical composition comprising a compound as defined herein and a therapeutically inert carrier.

[0007c] The application provides, in another aspect, a compound according to Formula I for use in the treatment or prophylaxis of Influena infection



I

wherein:

Y is H or P(=X)(R')(R);

R is O-R^{1} or $NHR^{1'}$;

$R^{1'}$ is $-C(R^{2a})(R^{2b})C(=O)OR^{3}$;

R' is $N(R^{4})C(R^{2a})(R^{2b})C(=O)OR^{3}$, $-OP(=O)(OH)OP(=O)(OH)OH$, or $-OR^{3}$;

R^{1} is H, lower haloalkyl, or aryl, wherein aryl is phenyl or naphthylenyl, optionally substituted with one or more lower alkyl, lower alkenyl, lower alkynyl, lower alkoxy, halo, lower haloalkyl, $-N(R^{1a})_2$, acylamino, $-SO_2N(R^{1a})_2$, $-C(=O)R^{1b}$, $-SO_2(R^{1c})$, $-NHSO_2(R^{1c})$, nitro, cyano, or $R^{1''}$;

each R^{1a} is independently H or lower alkyl;

each R^{1b} is independently $-OR^{1a}$ or $-N(R^{1a})_2$;

each R^{1c} is lower alkyl;

each R^{2a} and R^{2b} is independently H, lower alkyl, $-(CH_2)_rN(R^{1a})_2$, lower hydroxyalkyl, $-CH_2SH$, $-(CH_2)S(O)_pMe$, $-(CH_2)_nNHC(=NH)NH_2$, (1*H*-indol-3-yl)methyl, (1*H*-indol-4-yl)methyl, $-(CH2)_mC(=O)R^{1b}$, aryl and aryl lower alkyl, wherein aryl is optionally substituted with one or more hydroxy, lower alkyl, lower alkoxy, halo, nitro or cyano;

m is 0, 1, or 2;

n is 1, 2, or 3;

p is 1 or 2;

r is 1 or 2;

or R^{2a} is H and R^{2b} and R^4 together form $(CH_2)_n$;

each R^3 is independently H, lower alkyl, lower haloalkyl, phenyl or phenyl lower alkyl, wherein phenyl and phenyl lower alkyl are optionally substituted with lower alkoxy;

or R^3 and $R^{1''}$ together form CH_2;

each R^4 is independently H, lower alkyl;

or R^{2b} and R^4 together form $(CH_2)_3$;

R^w, R^y, and R^z are each independently H, OH or F;

R^x is H, OH, or F;

or R^3 and R^x together form a bond;

or R^1 and R^x together form a bond;

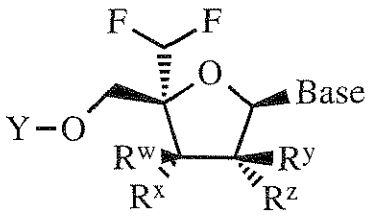
X is O or S;

Base is uracil, cytosine, guanine, adenine, thymine, or heterocycloalkyl, each of which may optionally be substituted with one or more hydroxy, lower alkyl, lower alkoxy, halo, nitro or cyano; and

with the proviso that if R^w is H, R^y is H, and R^z is H, then R^z is not H;

or a pharmacologically acceptable salt thereof.

[0007d] The application provides, in another aspect, a compound according to Formula I, or a compound resulting in the formation of a compound of Formula I *in vivo*, for use in the treatment or prophylaxis of Influena infection



I

wherein:

Y is H or P(=X)(R')(R);

R is O-R^1 or $NHR^{1'}$;

$R^{1'}$ is $-C(R^{2a})(R^{2b})C(=O)OR^3$;

R' is $N(R^4)C(R^{2a})(R^{2b})C(=O)OR^3$, –OP(=O)(OH)OP(=O)(OH)OH, or $–OR^3$;

R^1 is H, lower haloalkyl, or aryl, wherein aryl is phenyl or naphthylenyl, optionally substituted with one or more lower alkyl, lower alkenyl, lower alkynyl, lower alkoxy, halo, lower haloalkyl, $-N(R^{1a})_2$, acylamino, $-SO_2N(R^{1a})_2$, $-C(=O)R^{1b}$, $-SO_2(R^{1c})$, $-NHSO_2(R^{1c})$, nitro, cyano, or $R^{1''}$;

each R^{1a} is independently H or lower alkyl;

each R^{1b} is independently $-OR^{1a}$ or $-N(R^{1a})_2$;

each R^{1c} is lower alkyl;

each R^{2a} and R^{2b} is independently H, lower alkyl, $-(CH_2)_rN(R^{1a})_2$, lower hydroxyalkyl, $-CH_2SH$, $-(CH_2)S(O)_pMe$, $-(CH_2)_nNHC(=NH)NH_2$, (1*H*-indol-3-yl)methyl, (1*H*-indol-4-yl)methyl, $-(CH2)_mC(=O)R^{1b}$, aryl and aryl lower alkyl, wherein aryl is optionally substituted with one or more hydroxy, lower alkyl, lower alkoxy, halo, nitro or cyano;

m is 0, 1, or 2;

n is 1, 2, or 3;

p is 1 or 2;

r is 1 or 2;

or R^{2a} is H and R^{2b} and R^4 together form $(CH_2)_n$;

each R^3 is independently H, lower alkyl, lower haloalkyl, phenyl or phenyl lower alkyl, wherein phenyl and phenyl lower alkyl are optionally substituted with lower alkoxy;

or R^3 and $R^{1''}$ together form CH_2;

each R^4 is independently H, lower alkyl;

or R^{2b} and R^4 together form $(CH_2)_3$;

R^w, R^y, and R^z are each independently H, OH or F;

R^x is H, OH, or F;

or R^3 and R^x together form a bond;

or R^1 and R^x together form a bond;

X is O or S; and

Base is uracil, cytosine, guanine, adenine, thymine, or heterocycloalkyl, each of which may optionally be substituted with one or more hydroxy, lower alkyl, lower alkoxy, halo, nitro or cyano;

or a pharmacologically acceptable salt thereof.

[0007e] The application provides, in another aspect, a pharmaceutical composition according to any one of claims 25 to 27 for use in the treatment or prophylaxis of Influena infection.

[0008] The application provides a method for treating an Influenza infection comprising administering to a patient in need thereof a therapeutically effective amount of a compound of Formula I or a compound resulting in the formation of a compound of Formula I in vivo.

[0009] The application provides a composition comprising a compound of Formula I and a pharmaceutically acceptable excipient.