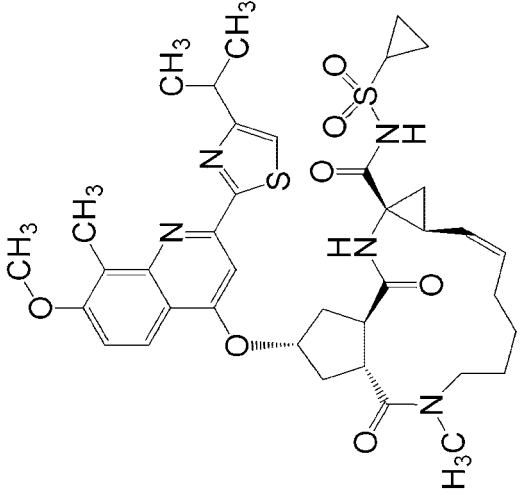
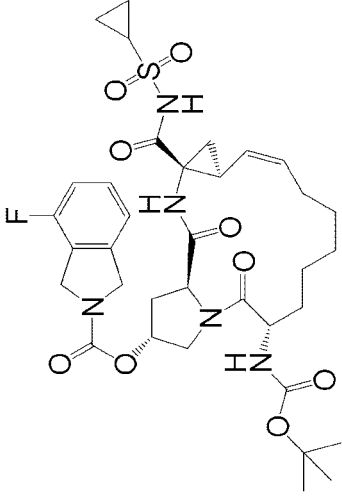


Figure 1: HCV Protease Inhibitors

#	Name	Structure
1001	Telaprevir VX-950	
1002	MK-5172	
1003	ABT-450	
1004	BILN-2061	
1005	BI-201335 BI335	

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Figure 1 (cont.): HCV Protease Inhibitors

#	Name	Structure
1013	TMC-435 TMC-435350	
1014	Danoprevir ITMN-191 RG7227 RO5190591	

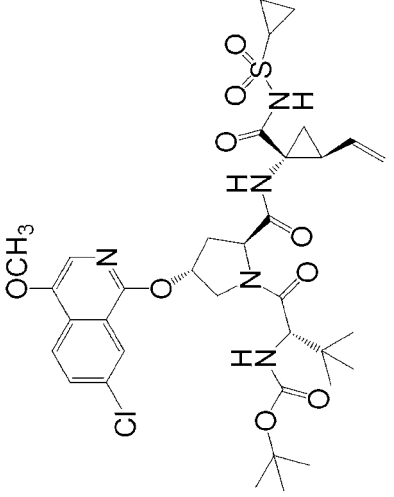
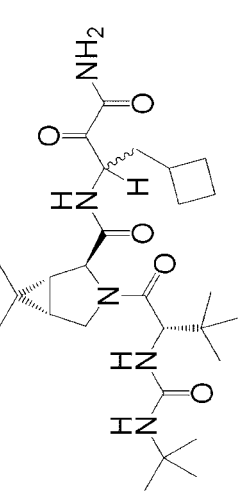
#	Name	Structure
1006	BMS-650032 BM032 Asunaprevir	
1007	Boceprevir SCH 503034	
1008	GS-9256	
1009	GS-9451	
1010	IDX-320	
1011	ACH-1625	
1012	ACH-2684	

Figure 1 (cont.): HCV Protease Inhibitors

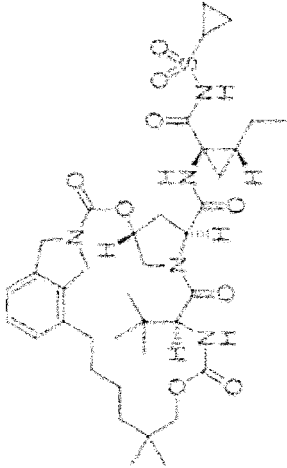
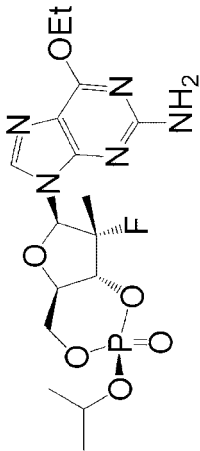
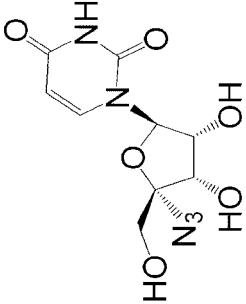
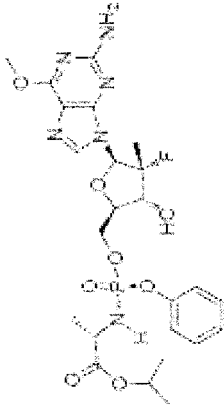
#	Name	Structure
1015	MK-7009 Vaniprevir	
1016	PHX1766	

Figure 2: HCV Polymerase Inhibitors – Nucleosides and Analogs Thereof

#	Name	Structure
2004	PSI-352938 GS-938	
2005	4'-azidouridine and its prodrugs	
2006	PSI-661	
2007	GS-6620	
2008	TMC649128	

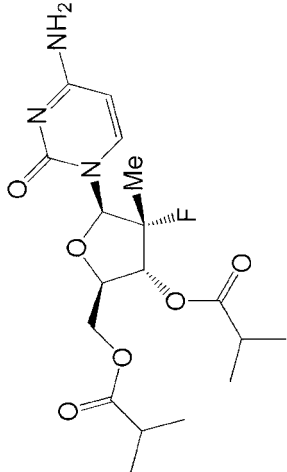
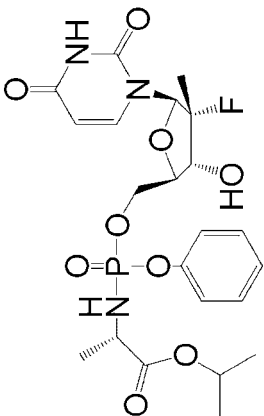
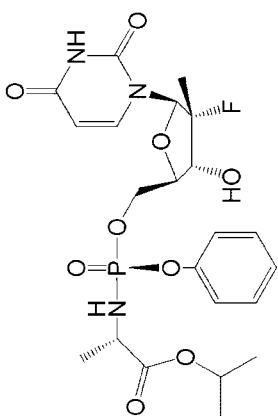
#	Name	Structure
2001	RG7128 Mericitabine	
2002	PSI-7851	
2003	PSI-7977 GS-7977, Sofosbuvir	

Figure 2 (cont.): HCV Polymerase Inhibitors – Nucleosides, Nucleotides and Analogs Thereof

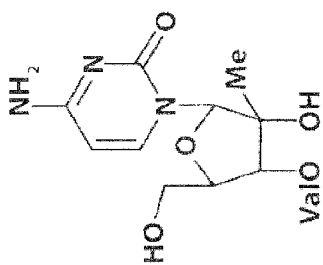
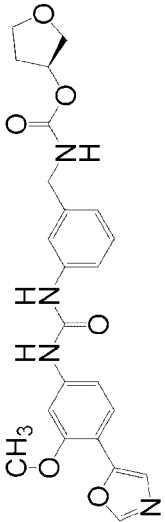
#	Name	Structure
2009	NM283	
2010	BCX5191	
2011	IDX19368	
2012	IDX19370	

Figure 3: HCV Polymerase Inhibitors – Non-Nucleosides

#	Name	Structure
3004	HCV-796	
3005	BI-207127	
3006	GS-9190	
3007	Filibuvir PF-00868554	

#	Name	Structure
3001	ABT-333	
3002	ANA-598 Setrobuvir	
3003	VX-222 S1480 VCH-222	

Figure 3 (cont.): HCV Polymerase Inhibitors – Non-Nucleosides

#	Name	Structure
3008	VX-497	
3009	ABT-072	
3010	MK-3281	

#	Name	Structure
3011	TMC647055	
3012	BMS-791325	
3013	PPI-383	
3014	GS9669	

Figure 4: NSA Inhibitors

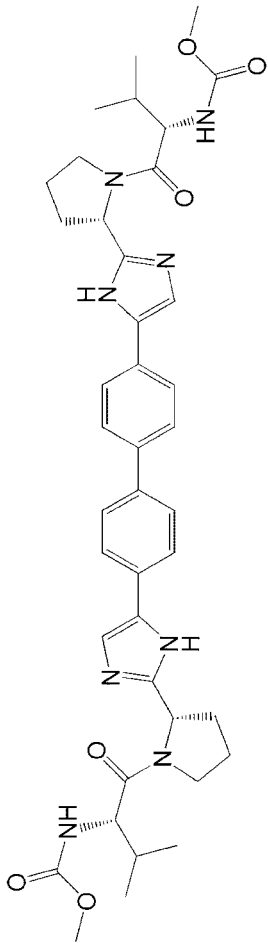
#	Name	Structure
4001	BMS-790052 BMS052 S1482 Daclatasvir	
4002	PPI-461	
4003	ACH-2928	
4004	GS-5885	
4005	BMS-824393	
4006	ABT 267	
4007	ACH-3102	
4008	AZD-7295	
4009	IDX719	
4010	PPI-668	
4011	MK8742	
4012	GSK805	

Figure 5: Other Antivirals

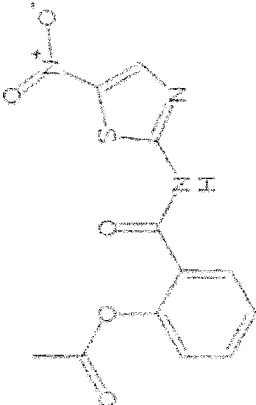
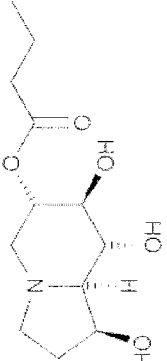
#	Name	Structure
5001	Debio-025 Alisporivir	
5002	MIR-122 inhibitor	
5003	clemizole	
5004	ITX 5061	
5005	BIT225	
5006	NIM811	
5007	SCY-635	
5008	Nitazoxanide	
5009	Miravirsen	
5010	Celgosivir	
5011	GS9620	

Figure 6: Compounds of Formula (CC) and alpha-thiotriphosphates thereof

#	Structure
6000	
6001	
6002	
6003	
6004	

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Figure 6 (cont.): Compounds of Formula (CC) and alpha-thiotriphosphates thereof

#	Structure
6007	
6008	
6005	
6006	

Figure 6 (cont.): Compounds of Formula (CC) and alpha-thiotriphosphates thereof

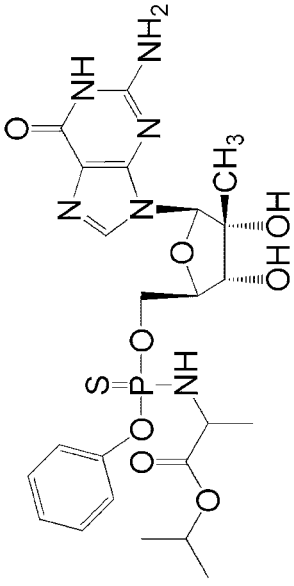
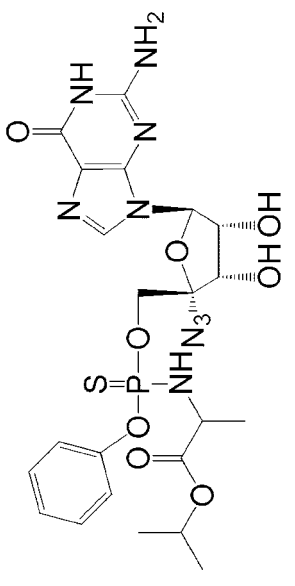
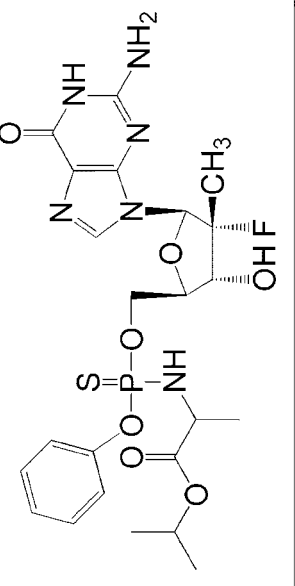
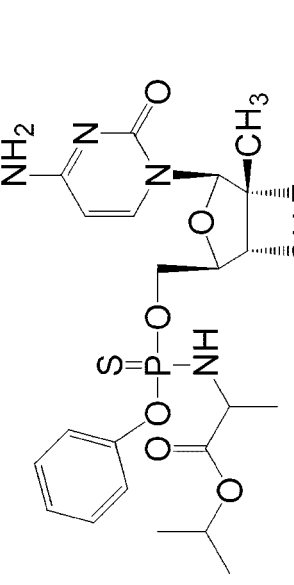
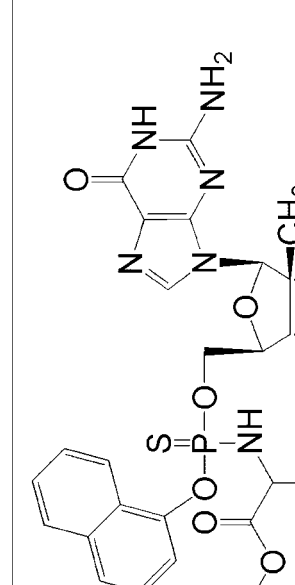
#	Structure
6011	
6012	
6013	
6009	
6010	

Figure 6 (cont.): Compounds of Formula (CC) and alpha-thiotriphosphates thereof

#	Structure
6014	
6015	
6016	
6017	

Figure 6 (cont.): Compounds of Formula (CC) and alpha-thiotriphosphates thereof

#	Structure
6021	
6022	
6023	
6018	
6019	
6020	

Figure 6 (cont.): Compounds of Formula (CC) and alpha-thiotriphosphates thereof

#	Structure
6027	
6028	
6029	
6030	
6024	
6025	
6026	

Figure 6 (cont.): Compounds of Formula (CC) and alpha-thiotriphosphates thereof

#	Structure
6031	
6032	
6033	
6034	
6035	
6036	

Figure 6 (cont.): Compounds of Formula (CC) and alpha-thiotriphosphates thereof

#	Structure
6040	
6041	
6042	
6037	
6038	
6039	

Figure 6 (cont.): Compounds of Formula (CC) and alpha-thiotriphosphates thereof

#	Structure
6043	
6044	
6045	
6046	
6047	
6048	

Figure 6 (cont.): Compounds of Formula (CC) and alpha-thiotriphosphates thereof

#	Structure
6051	<chem>CC(C)OC(=O)N[P@@H](S)OP(=O)(OC1=CC=CC=C1)O[C@H]2C[C@@H](O)[C@H](O)[C@H]2O[C@H]2C[C@H](N3C=NC4=C(N)N=CN=C4N3C5CC5)O2</chem>
6052	<chem>CC(C)OC(=O)N[P@@H](S)OP(=O)(OC1=CC=CC=C1)O[C@H]2C[C@@H](O)[C@H](O)[C@H]2O[C@H]2C[C@H](N3C=NC4=C(N)N=CN=C4N3)O2</chem>

#	Structure
6049	<chem>CC(C)(C)OC(=O)N[P@@H](S)OP(=O)(OC1=CC2=CC=CC=C2C=C1)O[C@H]2C[C@@H](O)[C@H](O)[C@H]2O[C@H]2C[C@H](N3C=NC4=C(N)N=CN=C4C3=NC(=C5C=CC(=C5)OC)N5)O2</chem>
6050	<chem>C1CCCCC1OC(=O)N[P@@H](S)OP(=O)(OC1=CC2=CC=CC=C2C=C1)O[C@H]2C[C@@H](O)[C@H](O)[C@H]2O[C@H]2C[C@H](N3C=NC4=C(N)N=CN=C4C3=NC(=C5C=CC(=C5)OC)N5)O2</chem>

Figure 6 (cont.): Compounds of Formula (CC) and alpha-thiotriphosphates thereof

#	Structure
6055	
6056	
6057	
6053	
6054	

Figure 6 (cont.): Compounds of Formula (CC) and alpha-thiotriphosphates thereof

#	Structure
6060	
6061	
6062	
6058	
6059	

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Figure 6 (cont.): Compounds of Formula (CC) and alpha-thiotriphosphates thereof

#	Structure
6066	
6067	
6068	
6063	
6064	
6065	

23/99

Figure 6 (cont.): Compounds of Formula (CC) and alpha-thiotriphosphates thereof

#	Structure
6072	 <chem>CC(C)OC(=O)NC(=S)P(=O)(OC1=CC=CC=C1)O[C@H]2C[C@@H](O)[C@H](O[C@@H]2C[C@H](O)N3C(=O)C=CC(=O)N3)CO</chem>
6073	 <chem>CC(C)OC(=O)NC(=S)P(=O)(OC1=CC=CC=C1)O[C@H]2C[C@@H](O)[C@H](O[C@@H]2C[C@H](O)N3C(=O)C=CC(=O)N3)CS</chem>
6074	 <chem>CC(C)OC(=O)NC(=S)P(=O)(OC1=CC=CC=C1)O[C@H]2C[C@@H](O)[C@H](O[C@@H]2C[C@H](O)N3C(=O)C=CC(=O)N3)CO</chem>
6069	 <chem>CC(C)OC(=O)NC(=S)P(=O)(OC1=CC=C(C)C=C1)O[C@H]2C[C@@H](O)[C@H](O[C@@H]2C[C@H](O)N3C(=O)C=CC(=O)N3)CO</chem>
6070	 <chem>CC(C)OC(=O)NC(=S)P(=O)(OC1=CC=C(OC)C=C1)O[C@H]2C[C@@H](O)[C@H](O[C@@H]2C[C@H](O)N3C(=O)C=CC(=O)N3)CO</chem>
6071	 <chem>CC(C)OC(=O)NC(=S)P(=O)(OC1=CC2=CC=CC=C2N=C1)O[C@H]2C[C@@H](O)[C@H](O[C@@H]2C[C@H](O)N3C(=O)C=CC(=O)N3)CO</chem>

Figure 6 (cont.): Compounds of Formula (CC) and alpha-thiotriphosphates thereof

#	Structure
6075	
6076	
6077	
6078	

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Figure 7: Compounds of Formula (AA)

#	Structure
7000	
7001	
7002	
7003	

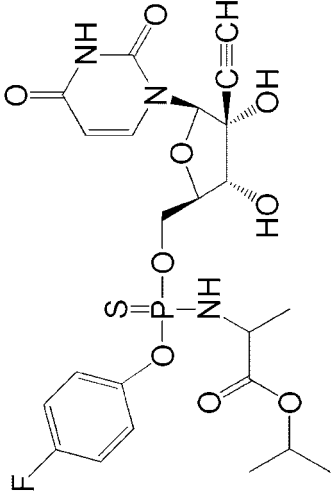
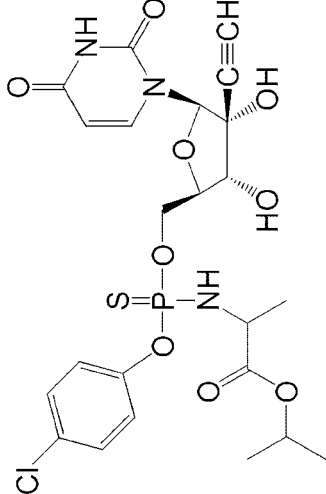
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Figure 7 (cont.): Compounds of Formula (AA)

#	Structure
7006	<chem>CC(C)OC(=O)C(C)NCP(=O)(Oc1ccccc1)O[C@H]2C[C@@H](O)[C@H](C#CN3C=NC4=C(N)N=CN=C4N3C2)O</chem>
7007	<chem>CC(C)OC(=O)C(C)NCP(=O)(Oc1ccccc1)O[C@H]2C[C@@H](O)[C@H](C#CN3C(=O)NC(=O)C=C3)O</chem>
7004	<chem>CC(C)OC(=O)C(C)NCP(=O)(Oc1ccccc1)O[C@H]2C[C@@H](O)[C@H](C#CN3C=NC4=C(N)N=CN=C4N3C2)O</chem>
7005	<chem>CC(C)OC(=O)C(C)NCP(=O)(Oc1ccccc1)O[C@H]2C[C@@H](O)[C@H](C#N3C(=O)NC(=O)C=C3)O</chem>

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Figure 7 (cont.): Compounds of Formula (AA)

#	Structure
7010	
7011	

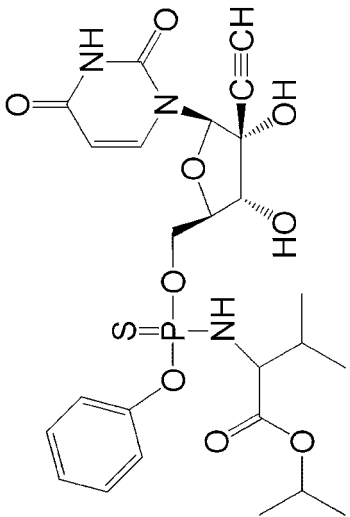
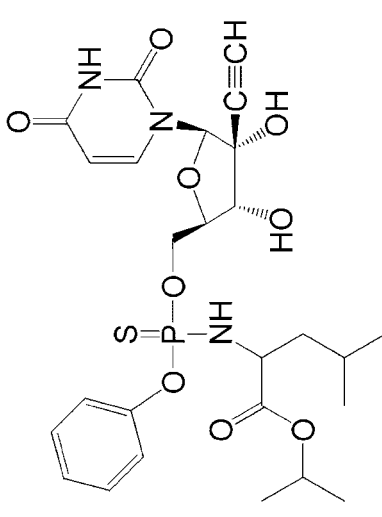
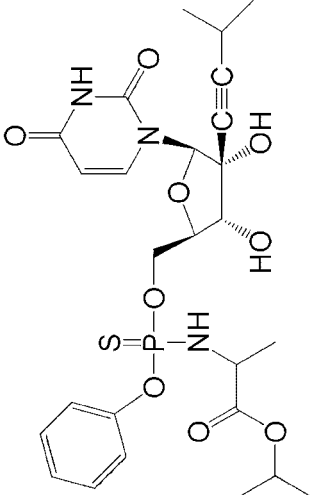
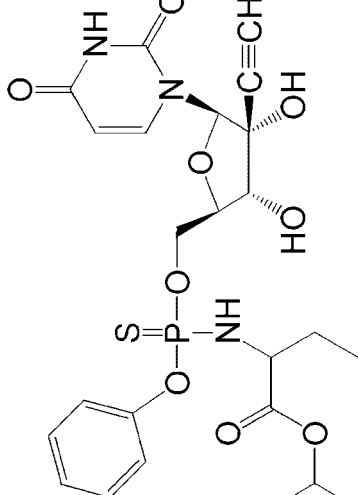
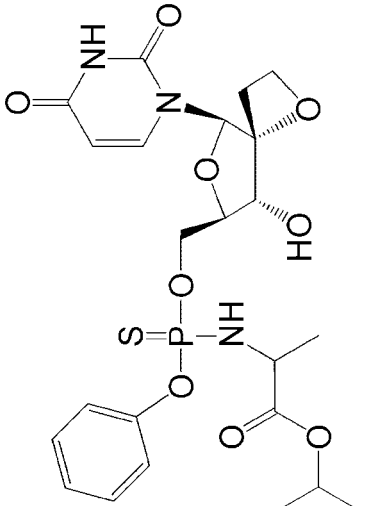
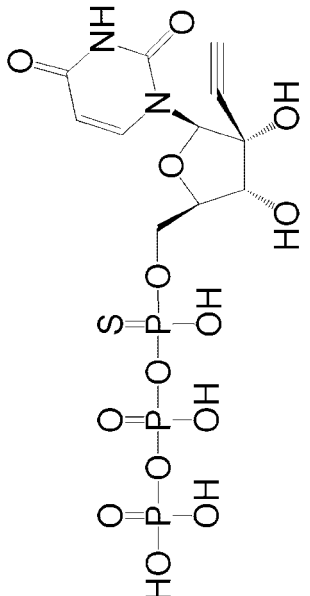
#	Structure
7008	
7009	

Figure 7 (cont.): Compounds of Formula (AA)

Figure 7 (cont.): Compounds of Formula (AA)

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Figure 7 (cont.): Compounds of Formula (AA)

#	Structure
7020	
7021	
7022	
7023	

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Figure 7 (cont.): Compounds of Formula (AA)

#	Structure
7024	
7025	
7026	
7027	

Figure 8: Compounds of Formula (BB)

#	Structure
8000	
8001	
8002	
8003	
8004	
8005	

Figure 8 (cont.): Compounds of Formula (BB)

#	Structure
8009	
80010	
8011	

#	Structure
8006	
8007	
8008	

Figure 8 (cont.): Compounds of Formula (BB)

#	Structure
8012	
8013	
8014	
8015	
8016	

Figure 9: Compounds of Formula (I)

#	Structure
9000	
9001	
9002	
9003	
9004	
9005	

Figure 9 (cont.): Compounds of Formula (I)

#	Structure
9008	
9009	

#	Structure
9006	
9007	

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Figure 9 (cont.): Compounds of Formula (I)

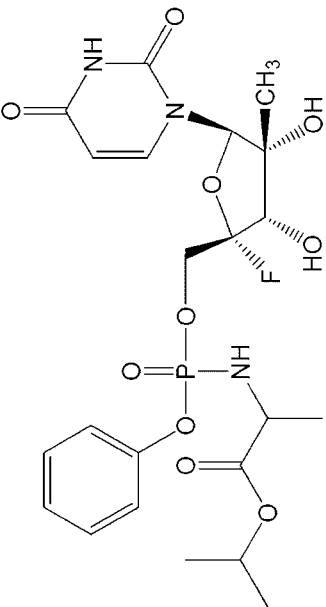
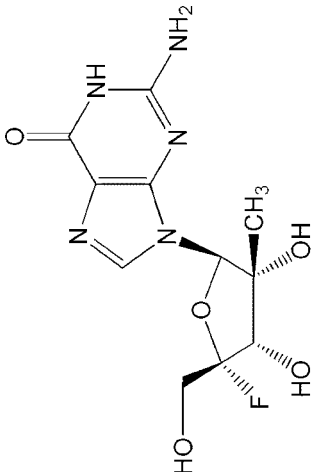
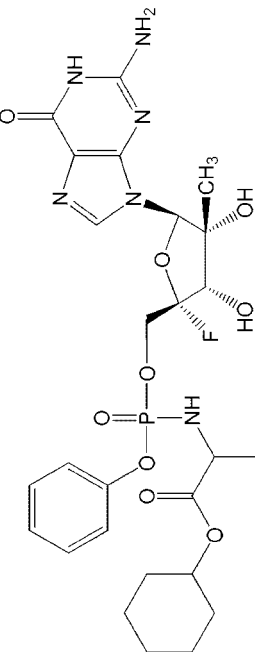
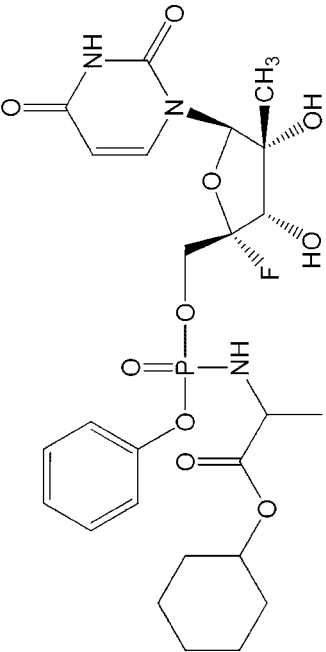
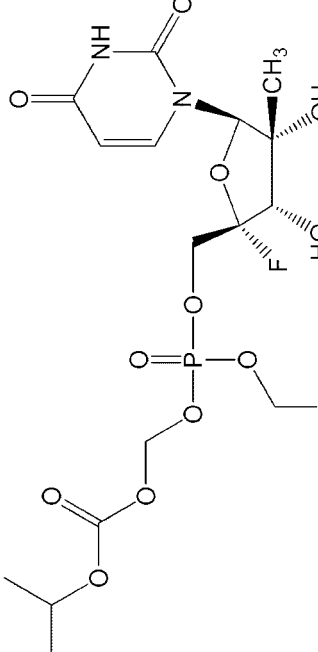
#	Structure
9010	
9011	
9012	
9013	
9014	

Figure 9 (cont.): Compounds of Formula (I)

#	Structure
9017	
9018	
9015	
9016	

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Figure 9 (cont.): Compounds of Formula (I)

#	Structure
9022	
9023	
9024	
9019	
9020	
9021	

Figure 9 (cont.): Compounds of Formula (I)

#	Structure
9028	
9029	
9030	
9025	
9026	
9027	

Figure 9 (cont.): Compounds of Formula (I)

Figure 9 (cont.): Compounds of Formula (I)

#	Structure
9040	
9041	
9042	
9037	
9038	
9039	

Figure 9 (cont.): Compounds of Formula (I)

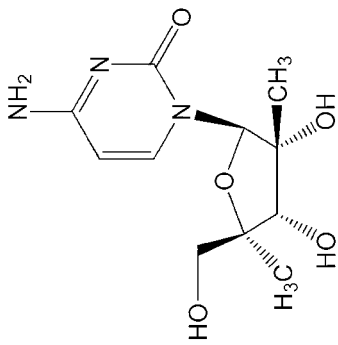
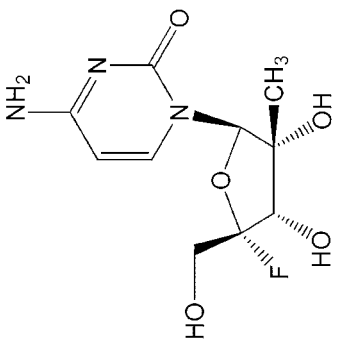
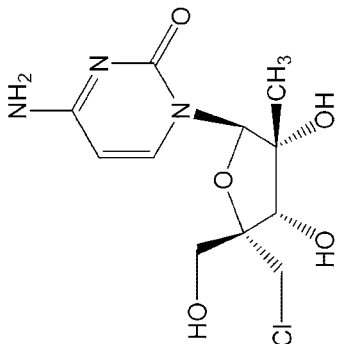
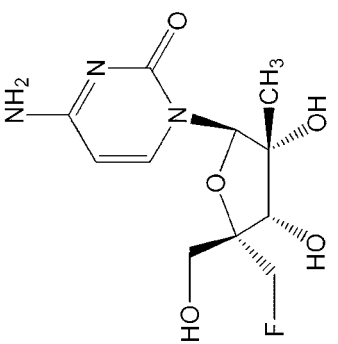
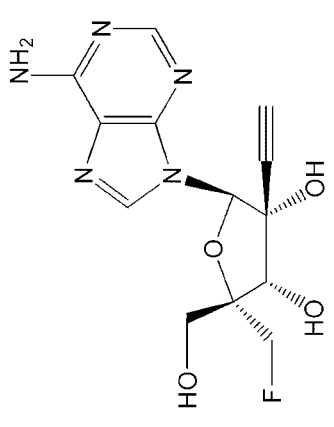
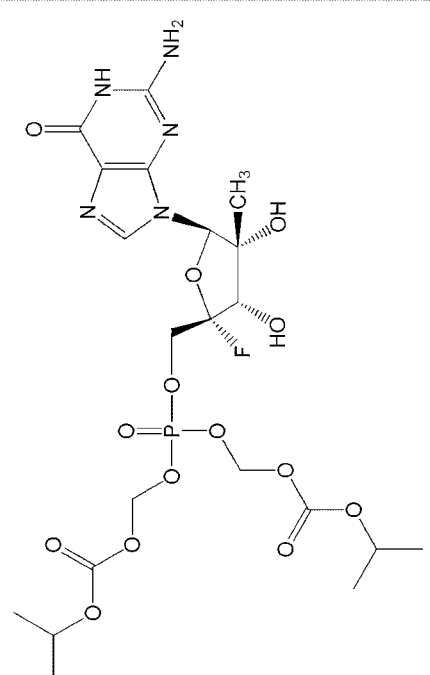
#	Structure	#	Structure
9045		9046	
9043		9044	

Figure 9 (cont.): Compounds of Formula (I)

#	Structure
9049	
9050	

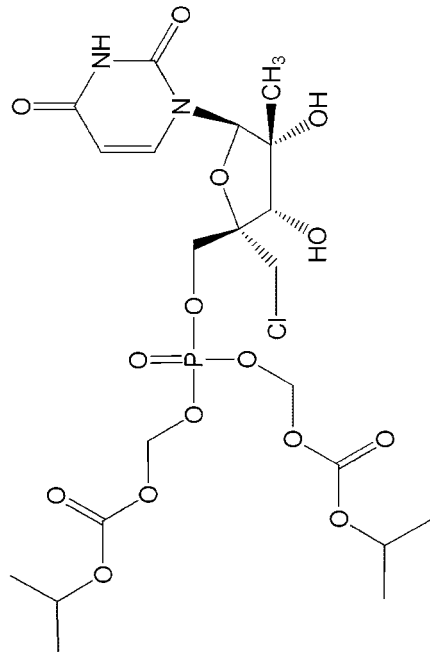
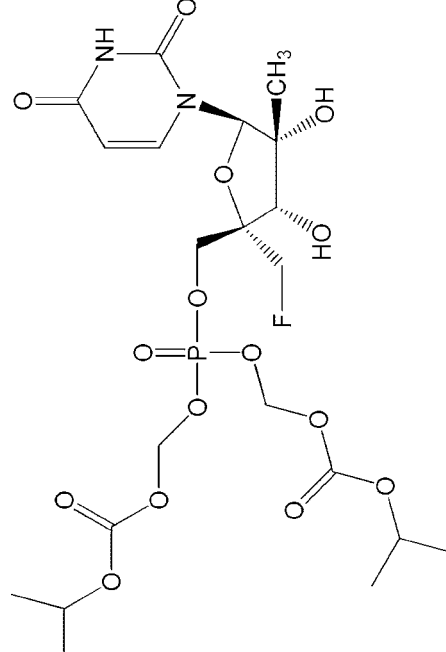
#	Structure
9047	
9048	

Figure 9 (cont.): Compounds of Formula (I)

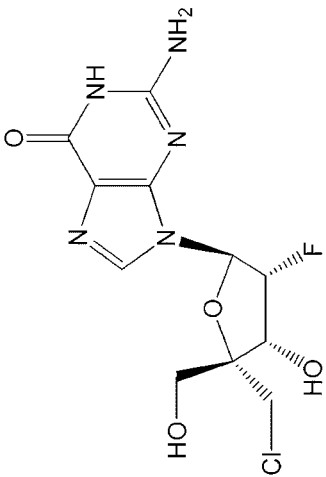
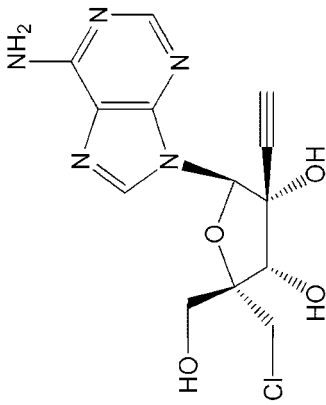
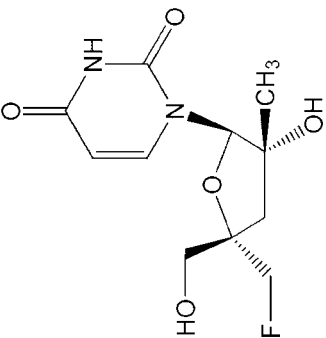
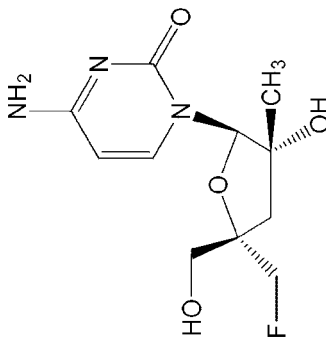
#	Structure
9053	
9054	
9051	
9052	

Figure 9 (cont.): Compounds of Formula (I)

#	Structure
9057	
9058	
9055	
9056	

Figure 9 (cont.): Compounds of Formula (I)

#	Structure
9061	
9062	
9059	
9060	

Figure 9 (cont.): Compounds of Formula (I)

#	Structure
9065	
9066	
9063	
9064	

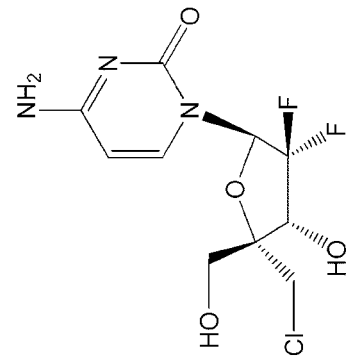
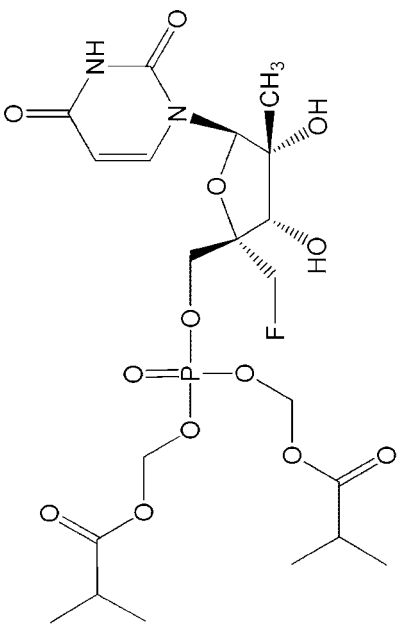
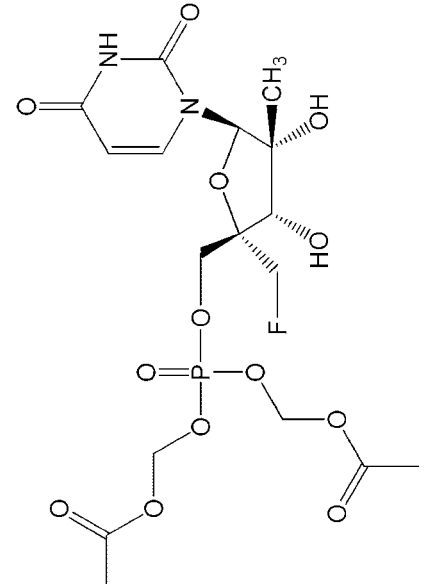
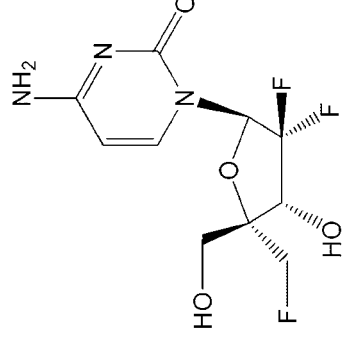
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Figure 9 (cont.): Compounds of Formula (I)

#	Structure
9069	
9070	
9067	
9068	

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Figure 9 (cont.): Compounds of Formula (I)

#	Structure
9073	
9074	
9071	
9072	

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Figure 9 (cont.): Compounds of Formula (I)

#	Structure
9077	
9078	

#	Structure
9075	
9076	

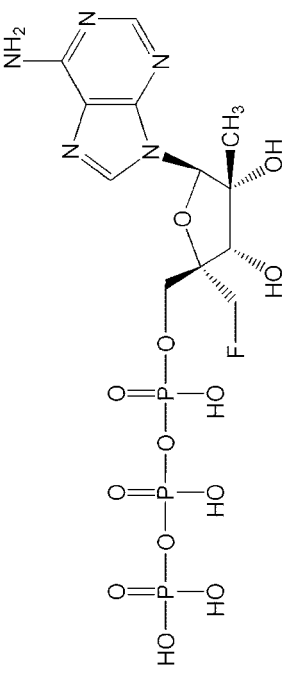
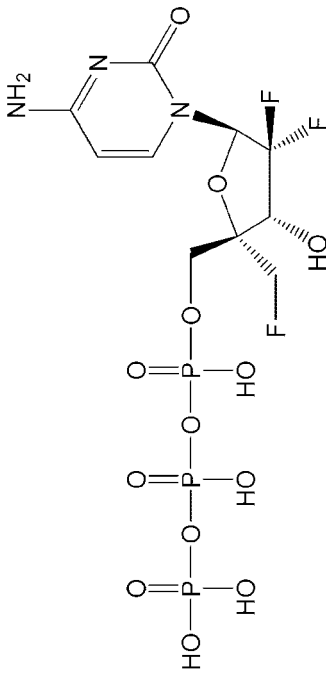
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Figure 9 (cont.): Compounds of Formula (I)

#	Structure
9081	
9082	
9079	
9080	

53/99

Figure 9 (cont.): Compounds of Formula (I)

#	Structure
9085	
9086	

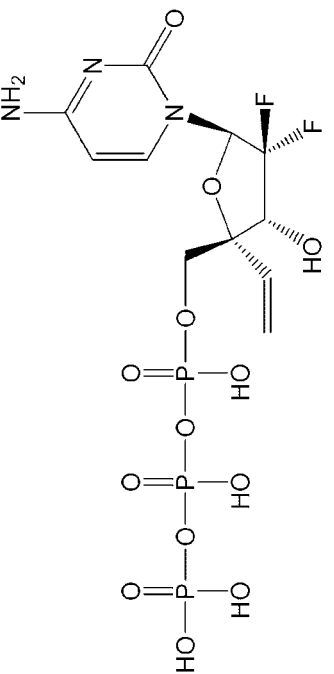
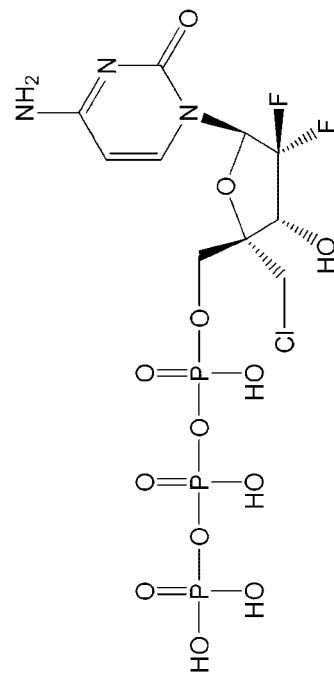
#	Structure
9083	
9084	

Figure 9 (cont.): Compounds of Formula (I)

#	Structure
9089	
9090	

#	Structure
9087	
9088	

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Figure 9 (cont.): Compounds of Formula (I)

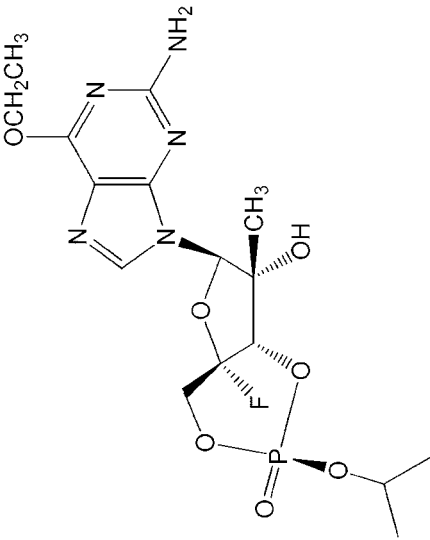
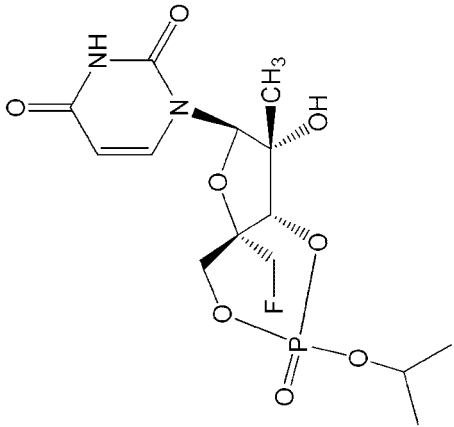
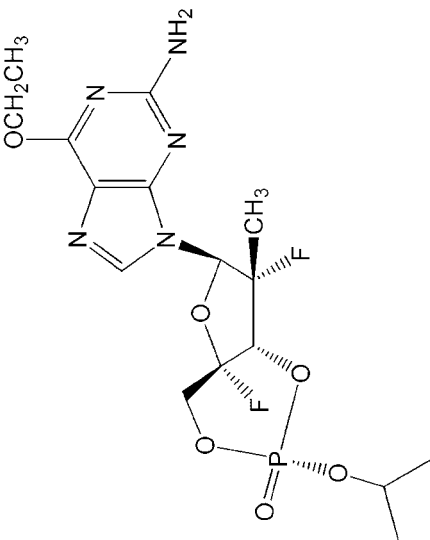
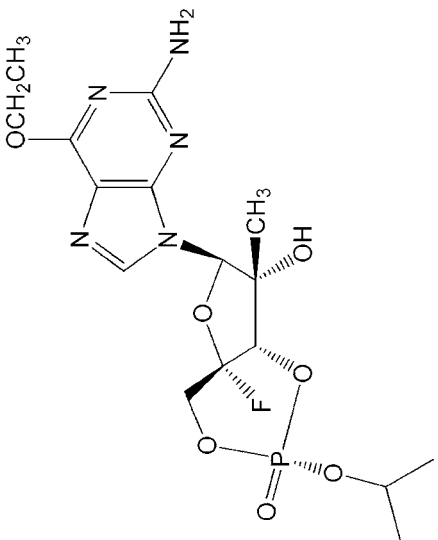
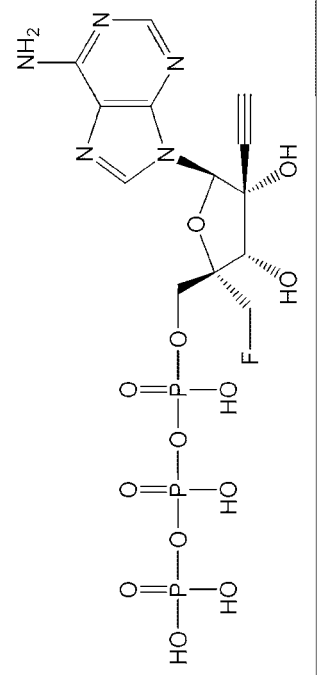
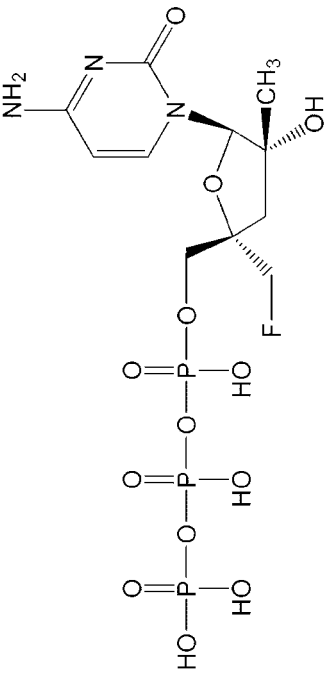
#	Structure
9093	
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9092	

Figure 9 (cont.): Compounds of Formula (I)

#	Structure
9097	
9098	

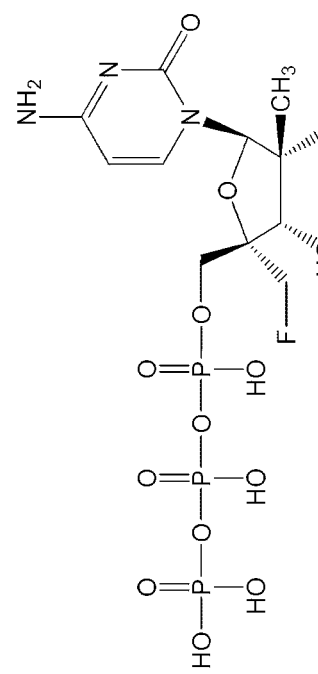
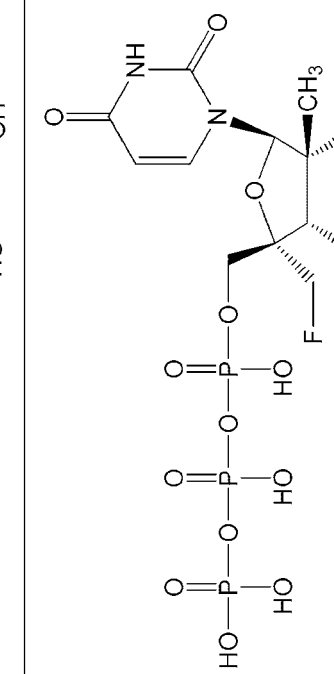
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Figure 9 (cont.): Compounds of Formula (I)

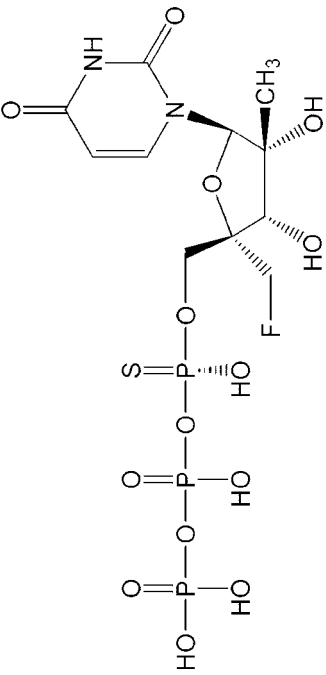
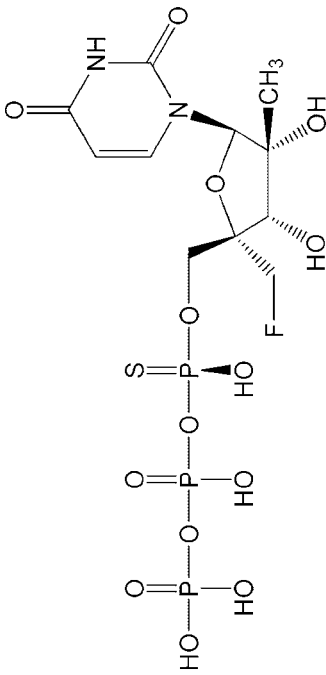
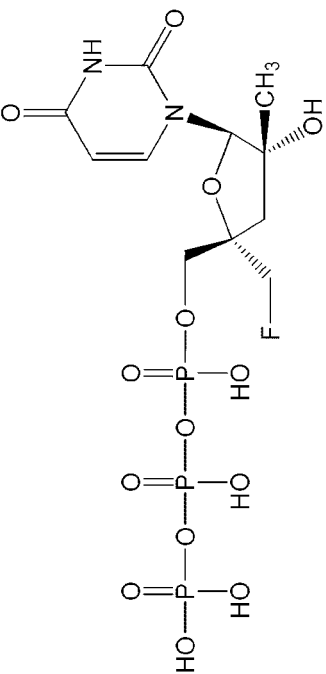
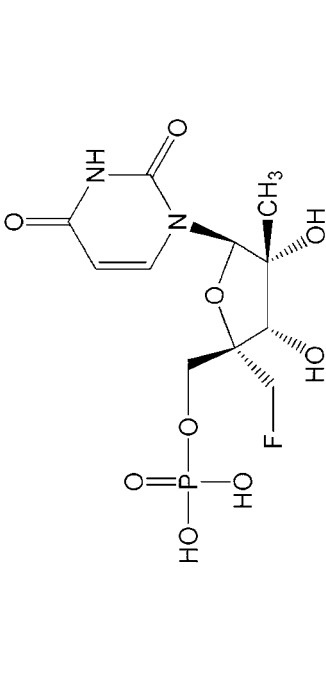
#	Structure
9101	
9102	
9099	
9100	

Figure 9 (cont.): Compounds of Formula (I)

#	Structure
9105	
9106	
9107	
9103	
9104	

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Figure 9 (cont.): Compounds of Formula (I)

#	Structure
9111	
9112	

#	Structure
9108	
9109	
9110	

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Figure 9 (cont.): Compounds of Formula (I)

#	Structure
9113	
9114	
9115	
9116	
9117	

Figure 9 (cont.): Compounds of Formula (I)

#	Structure
9121	
9122	

#	Structure
9118	
9119	
9120	

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Figure 9 (cont.): Compounds of Formula (I)

#	Structure
9125	
9126	
9123	
9124	

Figure 9 (cont.): Compounds of Formula (I)

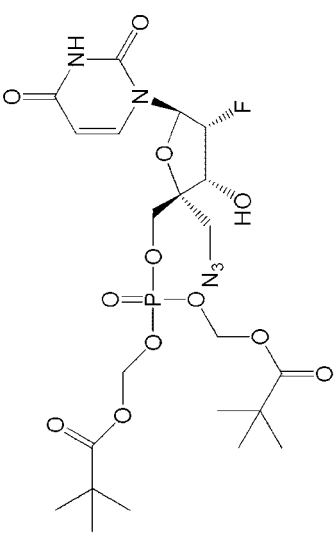
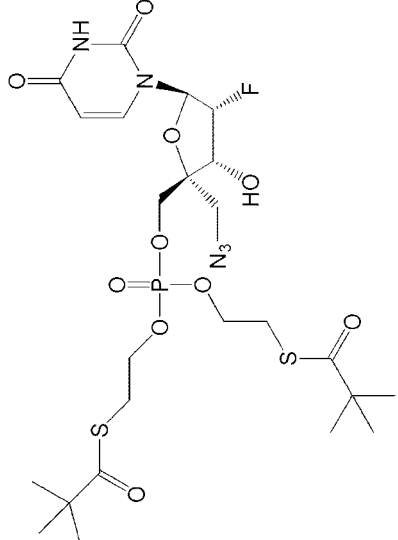
#	Structure	#	Structure
9127	Chemical structure of compound 9127: A nucleoside derivative. The base is a purine ring with an amino group at position 6 and a carbonyl group at position 4. The sugar is a five-membered ring with a fluorine atom at position 2' and a hydroxyl group at position 3'. The phosphate group is a triphosphate chain attached to the 5' carbon of the sugar.	9130	Chemical structure of compound 9130: A nucleoside derivative. The base is a purine ring with an amino group at position 6 and a carbonyl group at position 4. The sugar is a five-membered ring with a fluorine atom at position 2' and a hydroxyl group at position 3'. The azide group is attached to the 5' carbon of the sugar.
9128	Chemical structure of compound 9128: A nucleoside derivative. The base is a pyrimidine ring with an amino group at position 4 and a carbonyl group at position 2. The sugar is a five-membered ring with a fluorine atom at position 2' and a hydroxyl group at position 3'. The phosphate group is a triphosphate chain attached to the 5' carbon of the sugar.	9131	Chemical structure of compound 9131: A nucleoside derivative. The base is a pyrimidine ring with an amino group at position 4 and a carbonyl group at position 2. The sugar is a five-membered ring with a fluorine atom at position 2' and a hydroxyl group at position 3'. The azide group is attached to the 5' carbon of the sugar.
9129	Chemical structure of compound 9129: A nucleoside derivative. The base is a purine ring with an amino group at position 6 and a carbonyl group at position 4. The sugar is a five-membered ring with a fluorine atom at position 2' and a hydroxyl group at position 3'. The azide group is attached to the 5' carbon of the sugar.	9132	Chemical structure of compound 9132: A nucleoside derivative. The base is a pyrimidine ring with an amino group at position 4 and a carbonyl group at position 2. The sugar is a five-membered ring with a fluorine atom at position 2' and a hydroxyl group at position 3'. The hydroxyl group is attached to the 5' carbon of the sugar.

Figure 9 (cont.): Compounds of Formula (I)

#	Structure
9136	
9137	
9138	

#	Structure
9133	
9134	
9135	

Figure 9 (cont.): Compounds of Formula (I)

#	Structure
9142	
9143	

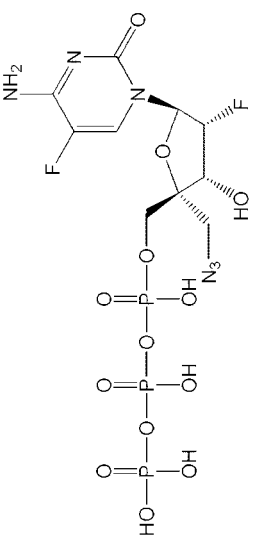
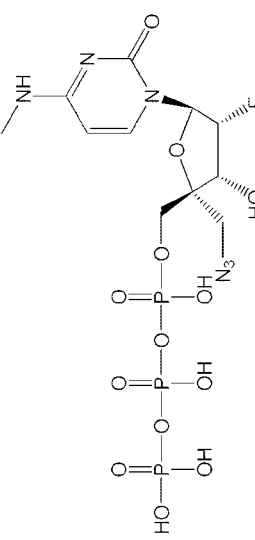
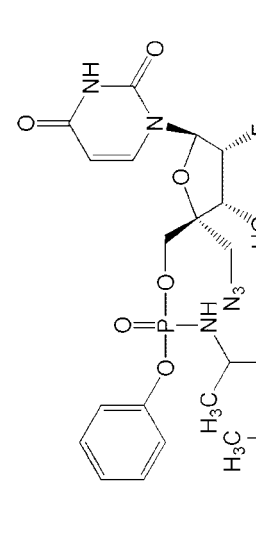
#	Structure
9139	
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9141	

Figure 9 (cont.): Compounds of Formula (I)

#	Structure
9147	
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#	Structure
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9145	
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Figure 9 (cont.): Compounds of Formula (I)

#	Structure
9152	
9153	

#	Structure
9150	
9151	

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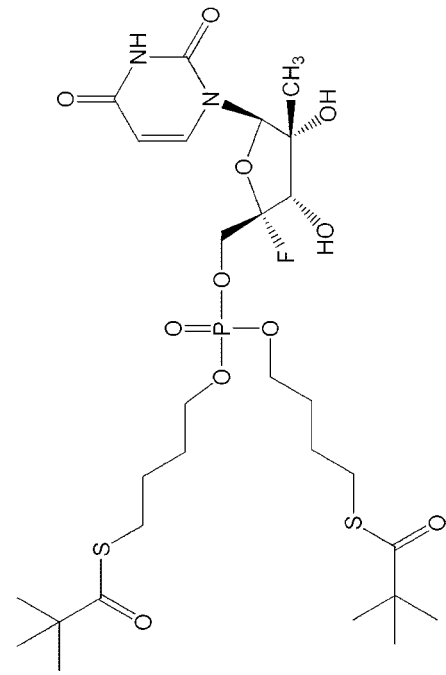
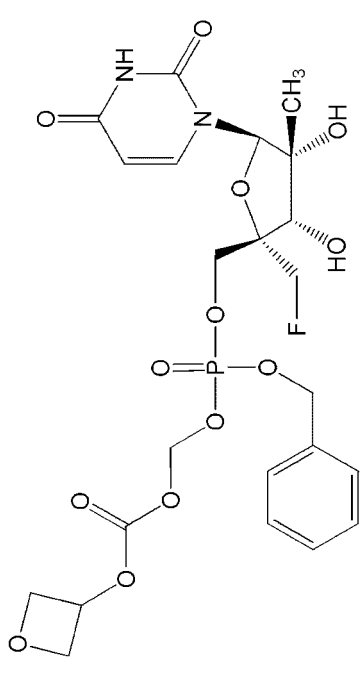
Figure 9 (cont.): Compounds of Formula (I)

#	Structure
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#	Structure
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Figure 9 (cont.): Compounds of Formula (I)

#	Structure
9160	
9161	

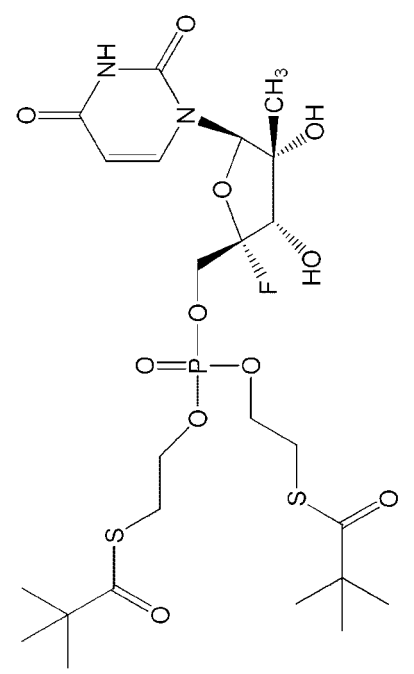
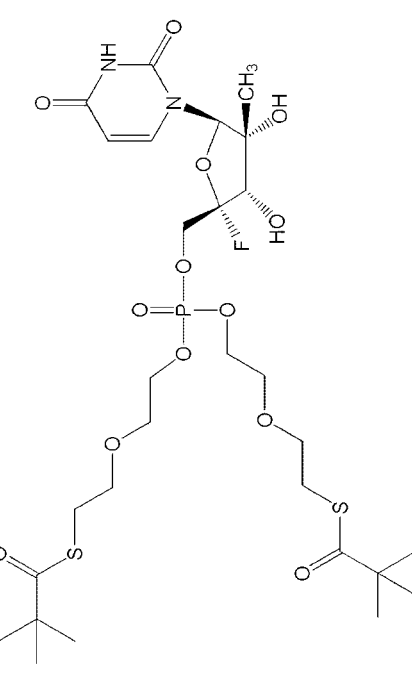
#	Structure
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9159	

Figure 9 (cont.): Compounds of Formula (I)

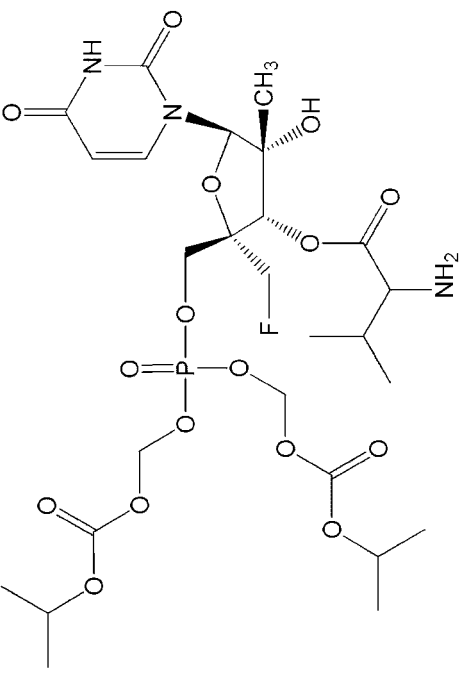
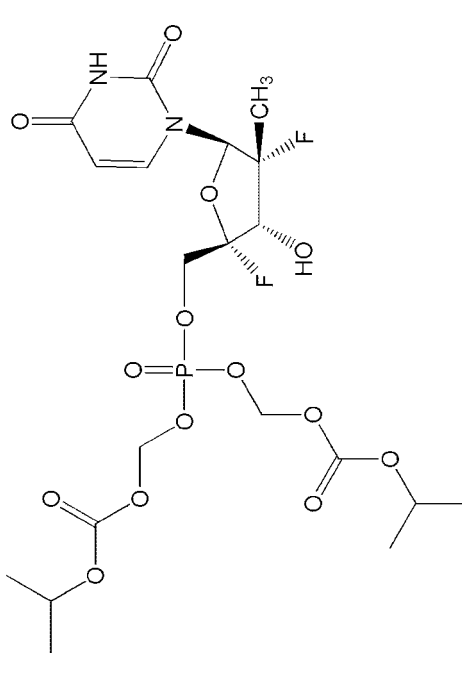
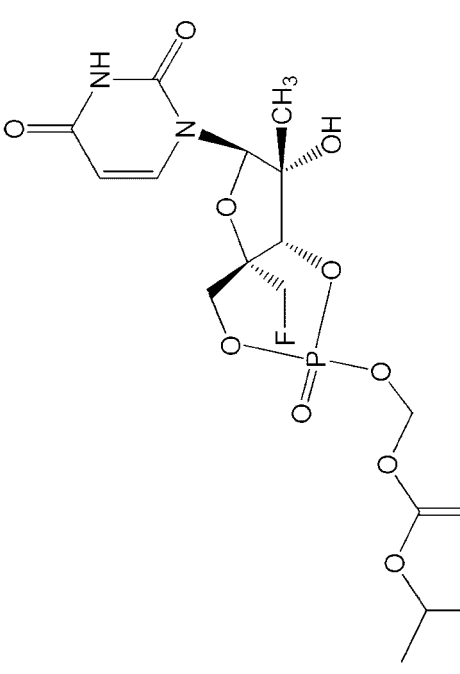
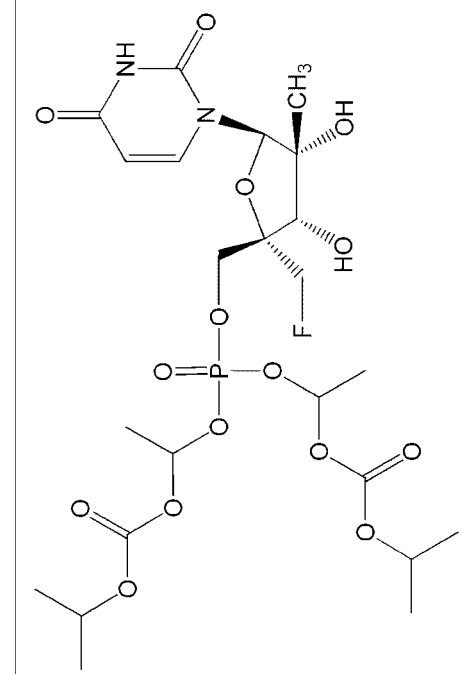
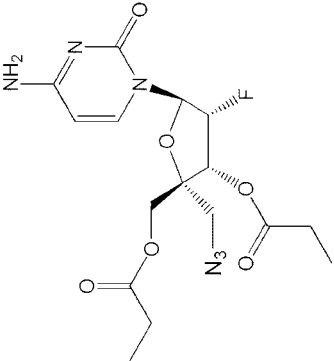
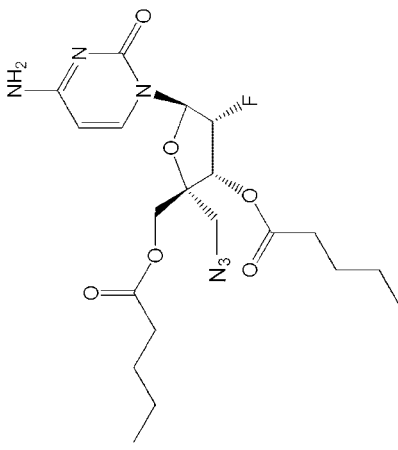
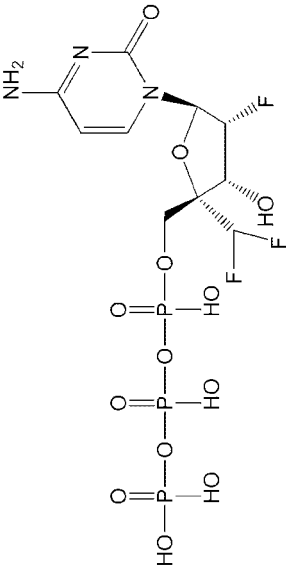
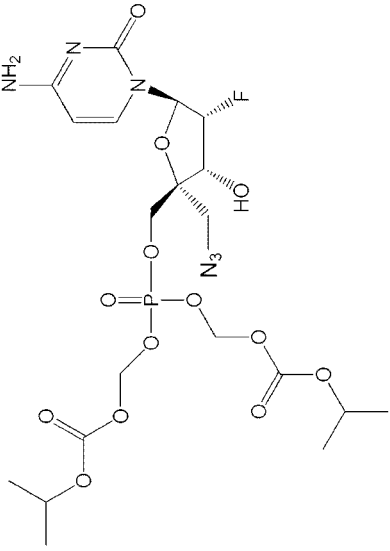
#	Structure
9164	
9165	
9162	
9163	

Figure 9 (cont.): Compounds of Formula (I)

#	Structure	#	Structure
9166		9169	
9167		9170	
9168		9171	

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Figure 9 (cont.): Compounds of Formula (I)

#	Structure
9174	
9175	
9172	
9173	

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Figure 9 (cont.): Compounds of Formula (I)

#	Structure
9178	
9179	
9176	
9177	

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Figure 9 (cont.): Compounds of Formula (I)

#	Structure
9180	
9181	
9182	
9183	

Figure 9 (cont.): Compounds of Formula (I)

#	Structure
9186	
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Figure 9 (cont.): Compounds of Formula (I)

#	Structure
9192	
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#	Structure
9189	
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Figure 9 (cont.): Compounds of Formula (I)

#	Structure
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#	Structure
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Figure 9 (cont.): Compounds of Formula (I)

#	Structure
9203	
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#	Structure
9200	
9201	
9202	

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Figure 9 (cont.): Compounds of Formula (I)

#	Structure
9209	
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#	Structure
9206	
9207	
9208	

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Figure 9 (cont.): Compounds of Formula (I)

#	Structure	#	Structure
9211		9214	
9212		9215	
9213		9216	

Figure 9 (cont.): Compounds of Formula (I)

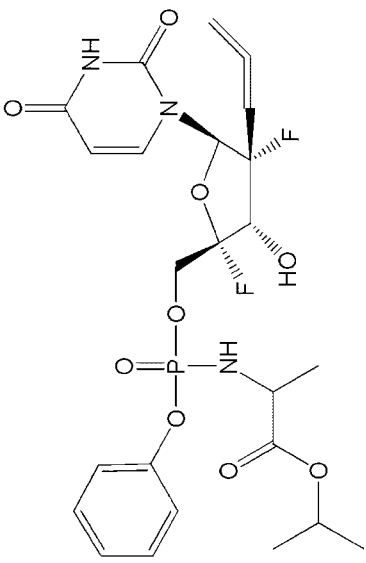
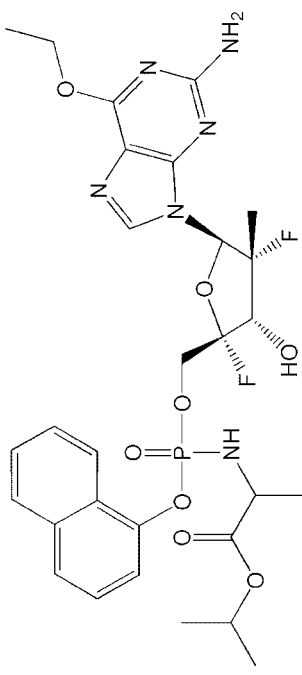
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9221	
9222	

Figure 9 (cont.): Compounds of Formula (I)

#	Structure
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#	Structure
9223	
9224	
9225	

Figure 9 (cont.): Compounds of Formula (I)

#	Structure
9230	
9231	

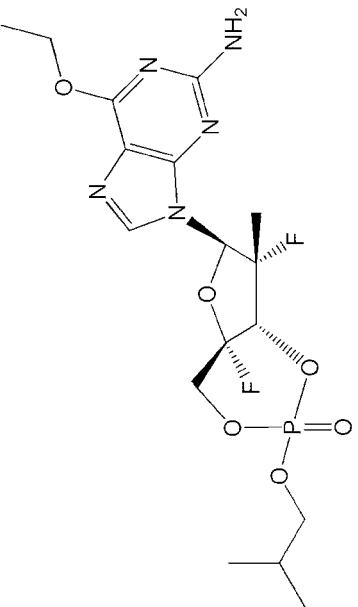
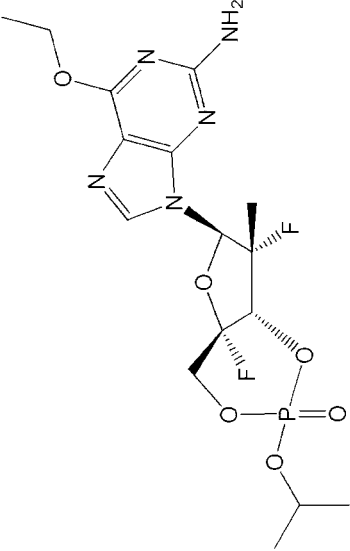
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Figure 9 (cont.): Compounds of Formula (I)

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9237	

#	Structure
9232	
9233	
9234	

Figure 9 (cont.): Compounds of Formula (I)

#	Structure
9241	
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Figure 9 (cont.): Compounds of Formula (I)

#	Structure
9247	
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#	Structure
9244	
9245	
9246	

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Figure 9 (cont.): Compounds of Formula (I)

#	Structure
9252	
9253	

#	Structure
9249	
9250	
9251	

Figure 9 (cont.): Compounds of Formula (I)

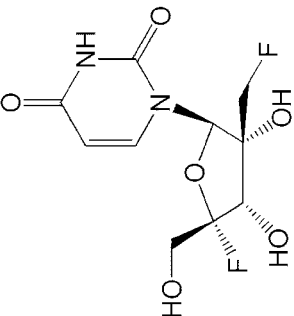
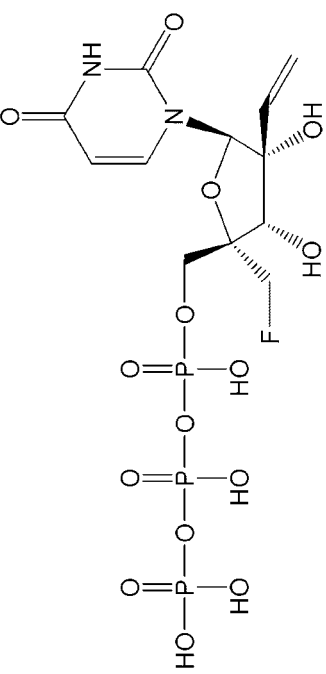
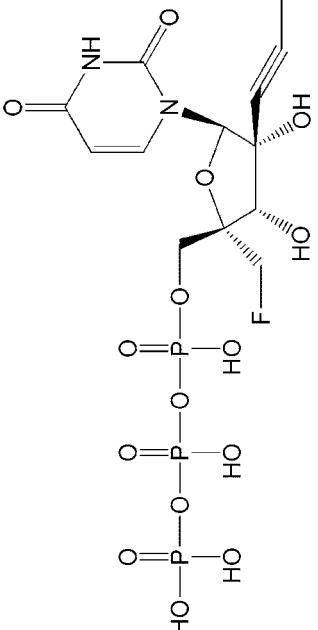
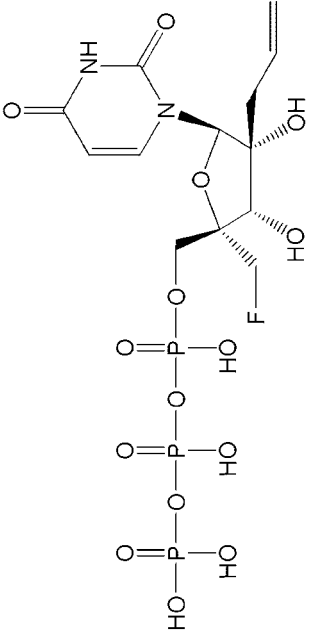
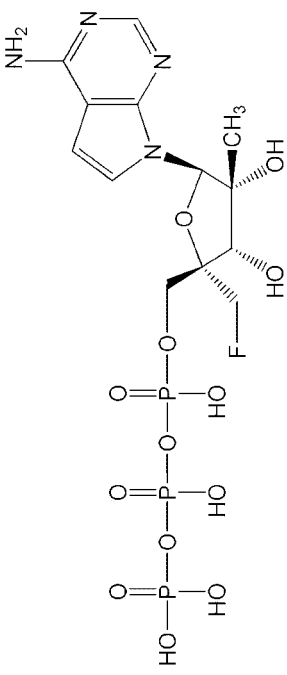
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Figure 9 (cont.): Compounds of Formula (I)

#	Structure
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9262	
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9259	
9260	

Figure 9 (cont.): Compounds of Formula (I)

#	Structure
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9268	

#	Structure
9264	
9265	
9266	

Figure 9 (cont.): Compounds of Formula (I)

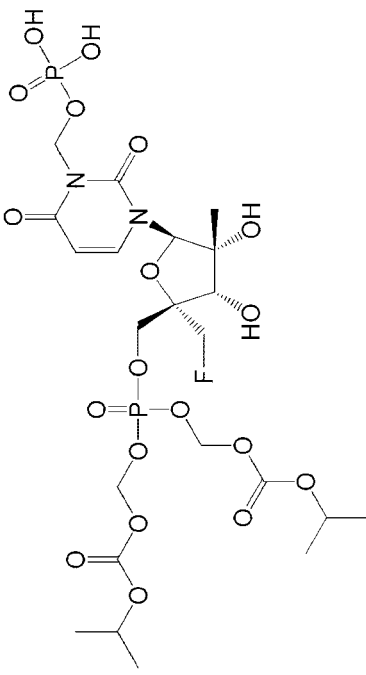
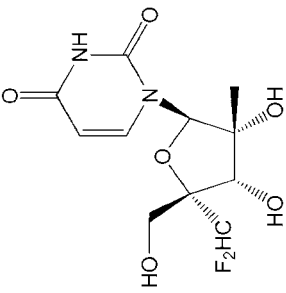
#	Structure	#	Structure
9271		9272	
9269		9270	
9273			

Figure 9 (cont.): Compounds of Formula (I)

#	Structure
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9278	

#	Structure
9274	
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9276	

Figure 9 (cont.): Compounds of Formula (I)

#	Structure
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9282	

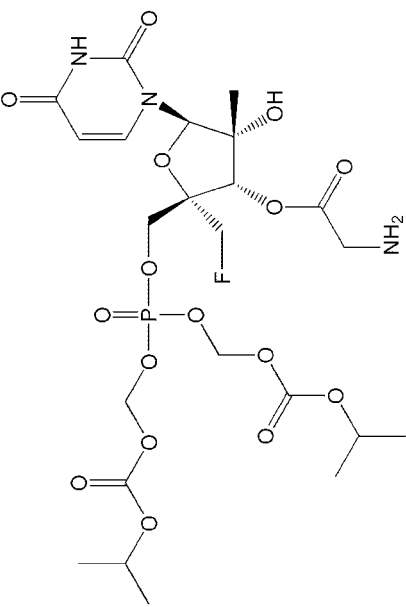
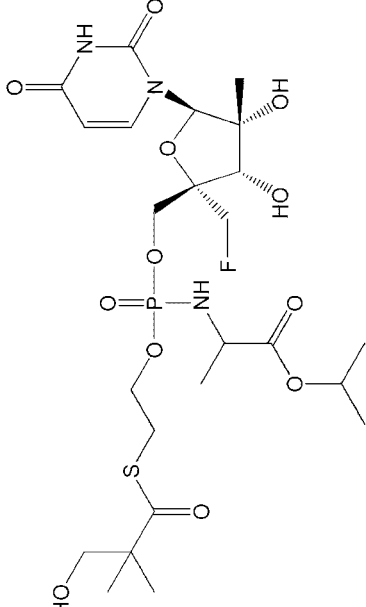
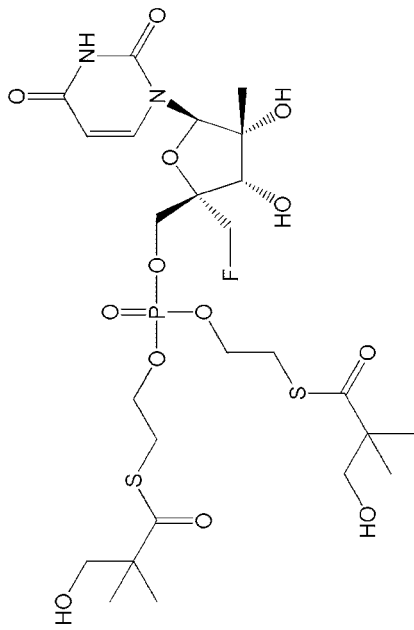
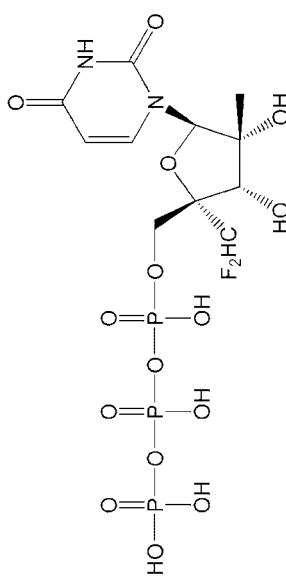
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Figure 9 (cont.): Compounds of Formula (I)

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9286	

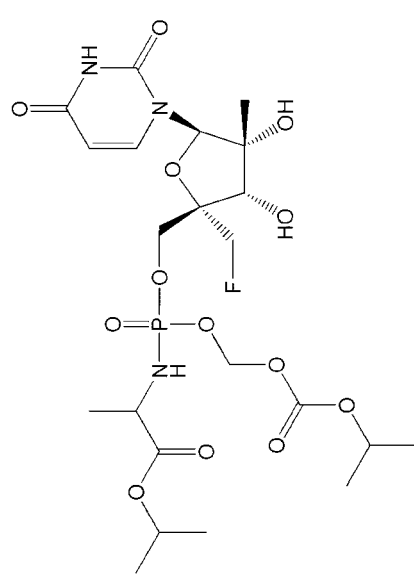
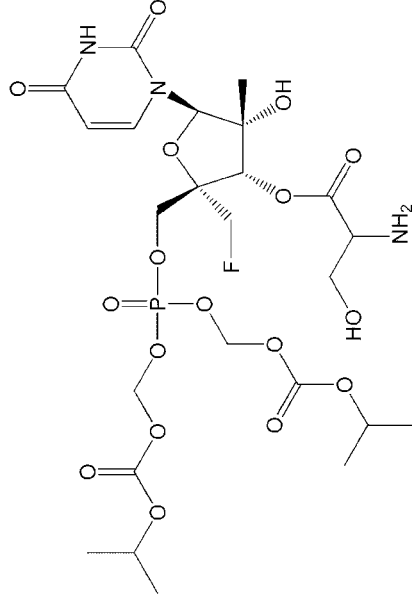
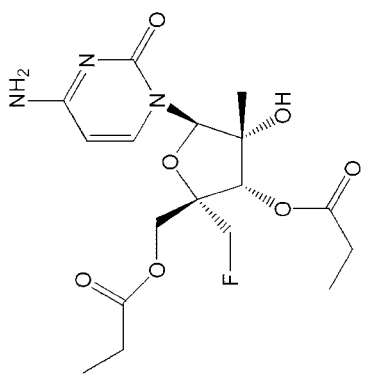
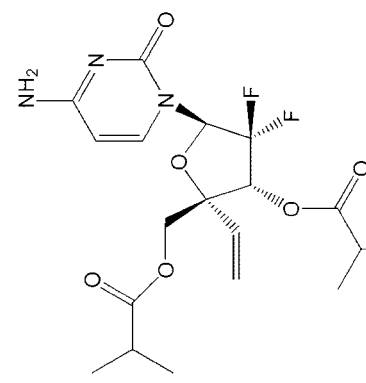
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Figure 9 (cont.): Compounds of Formula (I)

#	Structure
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9290	

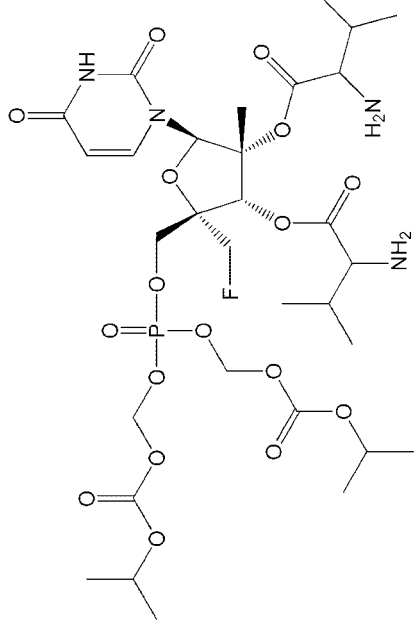
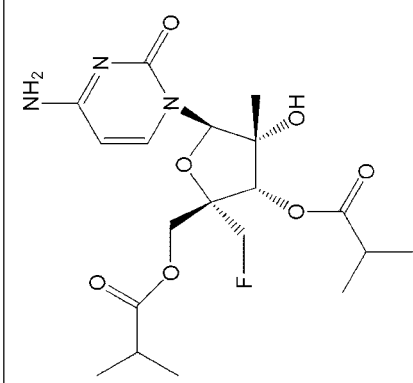
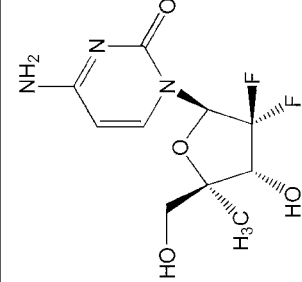
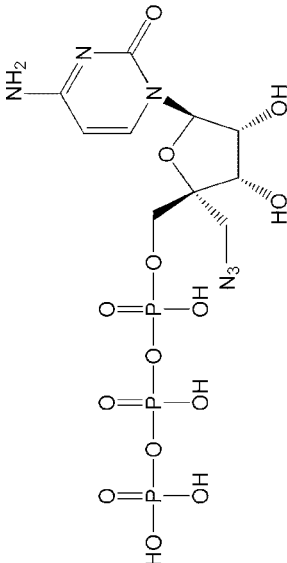
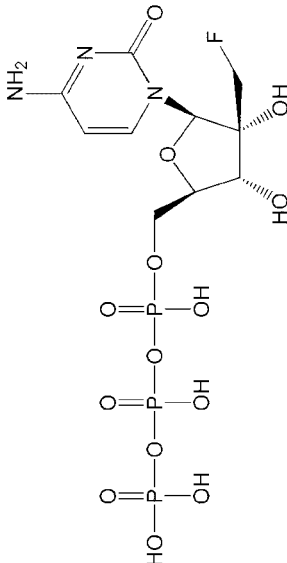
#	Structure
9287	
9288	

Figure 9 (cont.): Compounds of Formula (I)

#	Structure
9293	
9294	
9295	

#	Structure
9291	
9292	

Figure 9 (cont.): Compounds of Formula (I)

#	Structure
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9300	
9301	

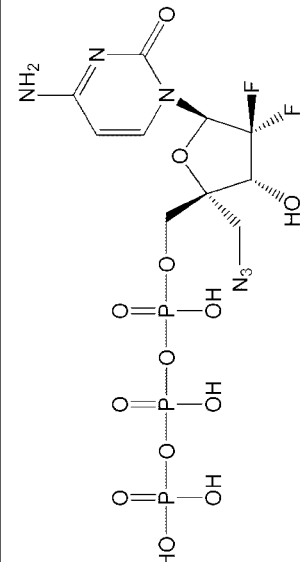
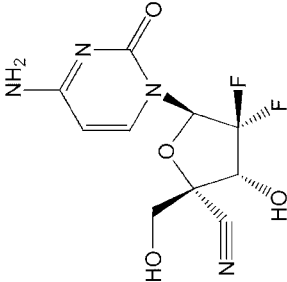
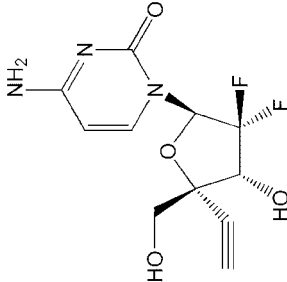
#	Structure
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9298	

Figure 9 (cont.): Compounds of Formula (I)

#	Structure
9305	
9306	
9307	
9302	
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9304	

Figure 9 (cont.): Compounds of Formula (I)

#	Structure
9310	
9308	
9309	