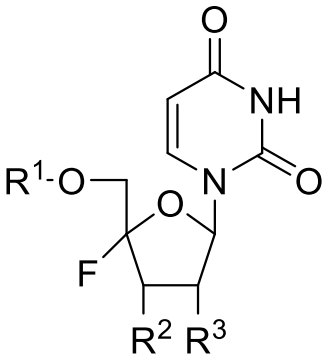
CLAIMS

What is claimed is:

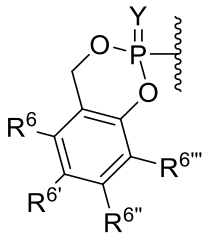
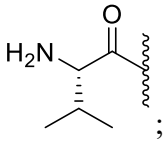
1. A compound of Formula XXVIII,



Formula XXVIII

or a pharmaceutical or physiological salt thereof, wherein

R^1 is selected from,


, and ;

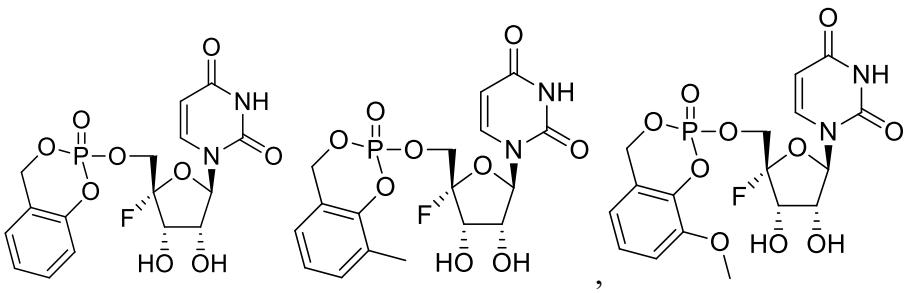
Y is O;

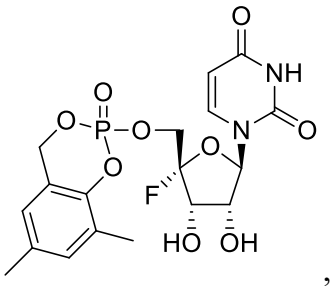
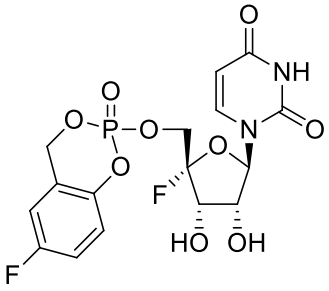
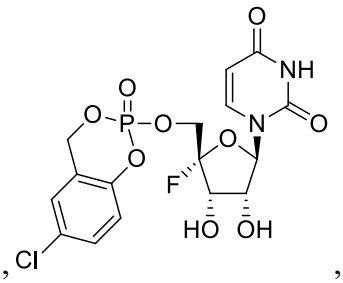
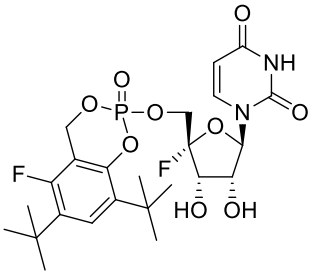
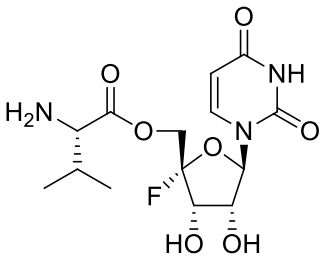
R^2 is hydroxyl

R^3 is hydroxy; and

R^6, $R^{6'}$, $R^{6''}$, and $R^{6'''}$ are each independently selected from hydrogen, hydroxyl, amino, halogen, alkyl, and alkoxy.

2. The compound according to claim 1, selected from the following:


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,

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,

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, and

.

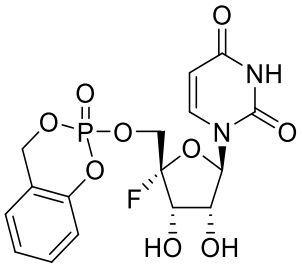
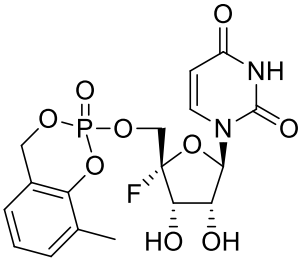
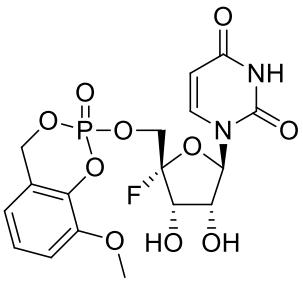
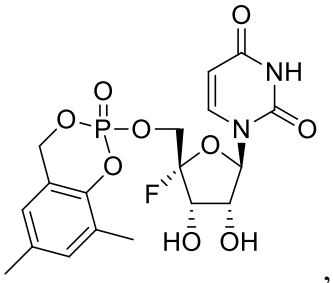
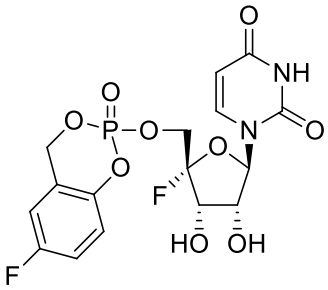
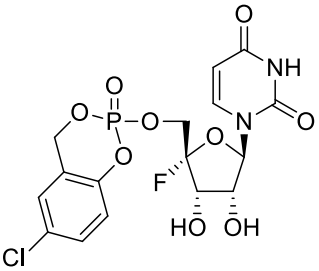
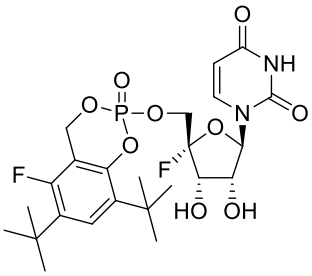
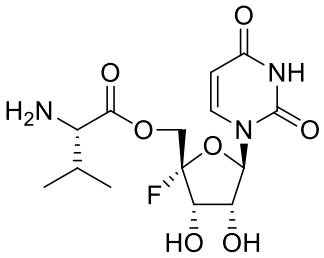
3. Use of an effective amount of a compound of claim 1 in the manufacture of a medicament for treating or preventing a viral infection in a subject.

4. The use of claim 3, wherein the viral infection is caused by a Togaviridae, Coronaviridae, Orthomyxoviridae, Pneumoviridae, Arenaviridae, Bunyaviridae, Flaviviridae, or Picornaviridae family virus.

5. The use of claim 3, wherein the virus is selected from Eastern equine encephalitis virus, Western equine encephalitis virus, Venezuelan equine encephalitis virus, Chikungunya virus, Ross River virus, human coronavirus, SARS coronavirus, MERS coronavirus, influenza A, influenza B, RSV, Tacaribe virus, Pichinde virus, Junin virus, Lassa fever virus, Lymphocytic Choriomeningitis virus, Rift Valley fever virus, Punta Toro virus, LaCrosse virus, Maporal virus, Heartland virus, Severe Fever Thrombocytopenia Syndrome virus, Zika virus, Dengue virus 1, Dengue virus 2, Dengue virus 3, Dengue virus 4, West Nile virus, Yellow fever virus,

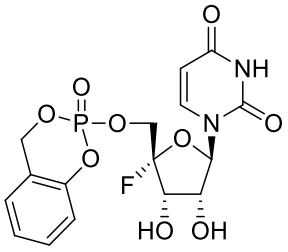
Japanese encephalitis virus, Powassen virus, Usutu virus, tick-borne encephalitis virus, poliovirus, Coxsackie virus, and enterovirus.

6. The use of claim 3, wherein the compound is chosen from:

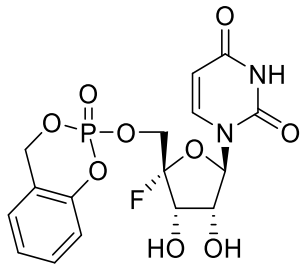

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,

,

,

,

, and


or pharmaceutically acceptable or physiological salts thereof.

7. The compound of claim 1, having the formula:


.

8. The use of claim 3, wherein the compound is:


O
NH
O
P
O
O
O
N
O
O
F
HO
OH

.