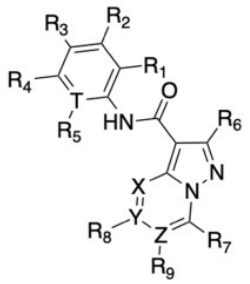
CLAIMS

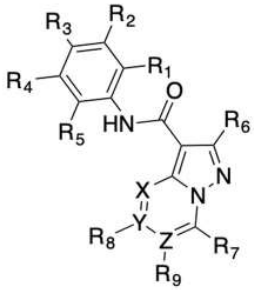
1. A compound for use in inhibiting virus replication or for use in the therapeutic treatment of viral infection in a subject, wherein the compound is selected from the group consisting of:

- compounds of Formula (I):



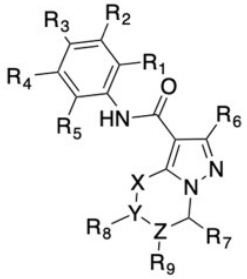
Formula (I)

- compounds of Formula (II):



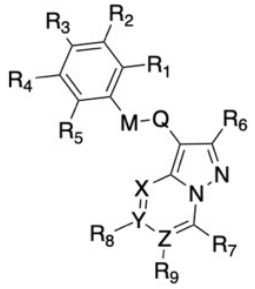
Formula (II)

- compounds of Formula (III):



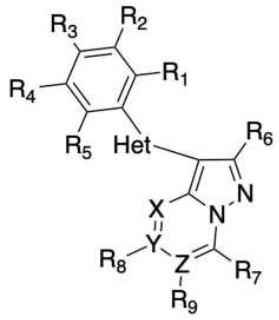
Formula (III)

- compounds of Formula (IV):



Formula (IV)

- compounds of Formula (V):



Formula (V)

wherein:

R_1, R_2, R_4 and R_5 are independently selected from a hydrogen atom, a halogen atom, a alkyl group, a alkyloxy group, a cycloalkyloxy group, an alkylthio group, a halo alkyl group, a halo alkyloxy group, a nitro group, a cyano group, and alkylamino group;

R_3 in Formulae (I), (II), (III), (IV) and (V) is independently selected from an optionally substituted phenyl group, heteroaryl group, pyridinyl group, piperidinyl group, phenoxy group, pyridinoxy group, piperidinyloxy group, phenylthio group, azinyl group, phenylsulfonyl group, phenylsulfinyl group, phenylsulfonylamino group, alkyl group, alkyloxy group, alkylthio group, halo alkyl group, and halo alkyloxy group;

R_7, R_8 and R_9 in Formulae (I), (II), (III), (IV) and (V) are independently selected from hydrogen atom, a halogen atom, a nitro group, a cyano group, a halo alkyl group, a thio alkyl group, an amino alkyl group, a alkyl group, and a hydroxy alkyl group;

R_6 in Formulae (I), (II), (III), (IV) and (V) is independently selected from a alkyloxy group, a halogen atom, an acyloxy group, a monophosphate group, a hydroxyl group, a thiol group, an amino group, or a salt thereof;

X, Y and Z in Formulae (I), (II), (III), (IV) and (V) are independently selected from a carbon atom, a nitrogen atom, an oxygen atom and a sulfur atom, with the proviso that when one of X, Y or Z is nitrogen, oxygen or sulfur, the other two of X, Y or Z are carbon atoms;

T in Formula (I) is a carbon atom or a nitrogen atom, whith the proviso that when T is a nitrogen atom, R5 in Formula (I) does not exist;

M in Formula (IV) is selected from a carbon sp2 atom, a nitrogen sp3 atom, a nitrogen sp2 atom, a carbonyl group and a sulfonyl group;

Q in Formula (IV) is selected from a carbon sp2 atom, a carbonyl group, a thiocarbonyl group, a sulfonyl group, a polihalogenate-C2-alkylchain, a carbonylamino group, an aminocarbonyl group, a nitrogen sp2 atom and a nitrogen sp3 atom,

with the provisos that when M is a carbon sp2 atom, Q is a carbon sp2 atom; when M is a nitrogen sp3 atom, Q is selected from a carbonyl group, a thiocarbonyl group, a sulfonyl group, a polihalogenate-C2-alkyl chain, a carbonylamino group, an aminocarbonyl group; when M is a nitrogen sp2 atom, Q is a nitrogen sp2 atom; when M is a carbonyl group or sulfonyl group, Q is a nitrogen sp3 atom;

Het in Formula (V) is selected from azoles, such as an imidazole, a pyrazole, an oxazole, a thiazole, a triazole, an oxadiazole, a thiadiazole, a tetrazole.

2. A compound for use according to claim 1, wherein the alkyls in the definitions of R_1, R_2, R_4 and R_5 are independently selected from the C1-C6 alkyls, preferably from the C1-C4 alkyls.

3. A compound for use according to claim or 2, wherein the alkyls in the definitions of R_3 are independently selected from the C1-C12 alkyls.

4. A compound for use according to any of claims 1 to 3, wherein the alkyls in the definitions of R_7, R_8 and R_9 are independently selected from the C1-C6 alkyls, preferably from the C1-C4 alkyls.

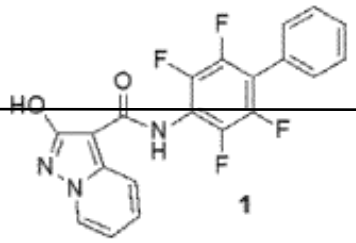
5. A compound for use according to claim 1, which is a compound of Formula (I) wherein X=Y=Z are sp2 C atoms and R_9 is a proton.

6. A compound for use according to claim 1, which is a compound of Formula (II) in which X=Y=Z are sp3 C atoms and R_9 is a proton.

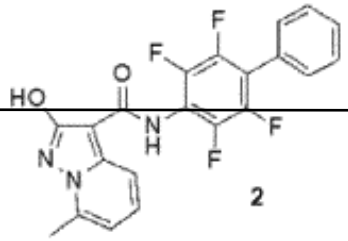
7. A compound for use according to any one of claims 1 to 6, wherein at least one of R_1, R_2, R_4 and R_5 is or contains a halogen atom, preferably a fluorine atom.

8. A compound for use according to any one of claims 1 to 7, wherein R_6 is OH or a monophosphate.

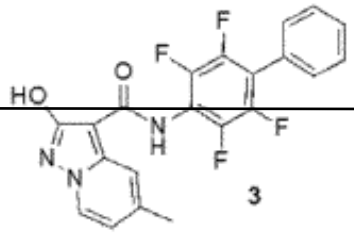
9. A compound for use according to claim 1, which is selected from the group consisting of:



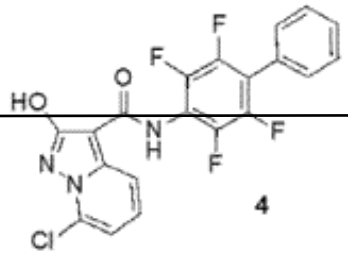
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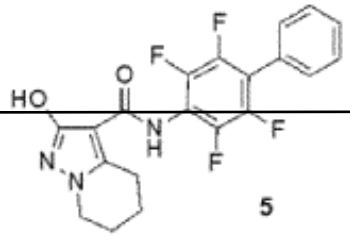
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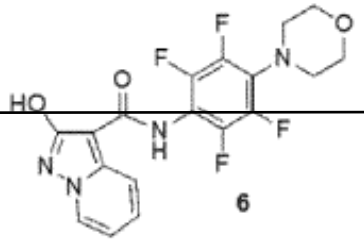
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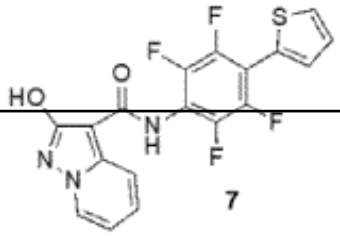
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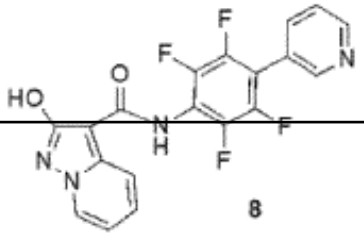
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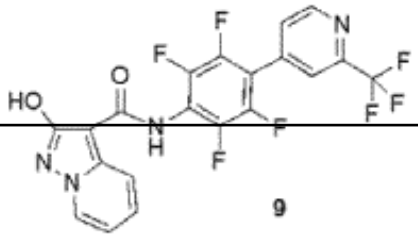
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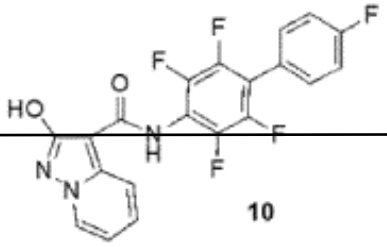
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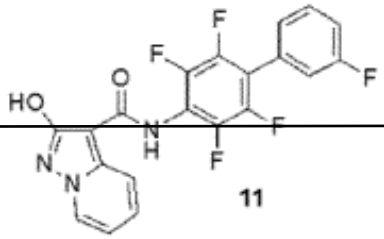
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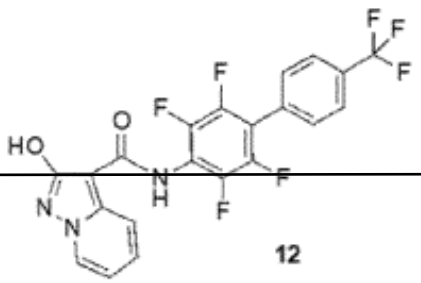
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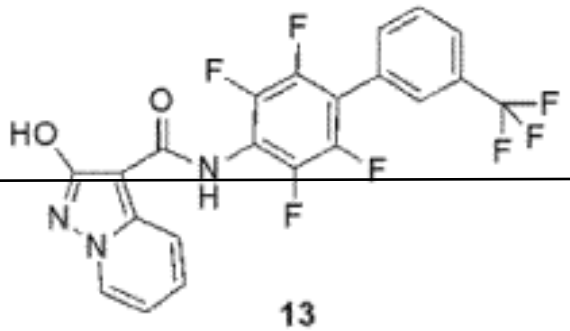
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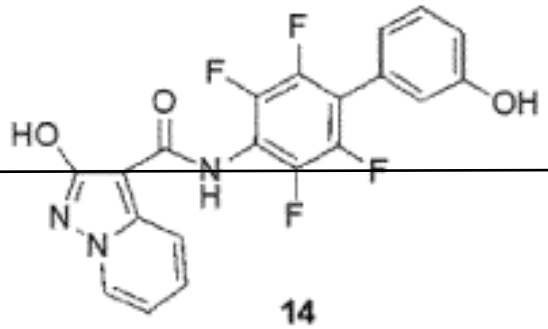
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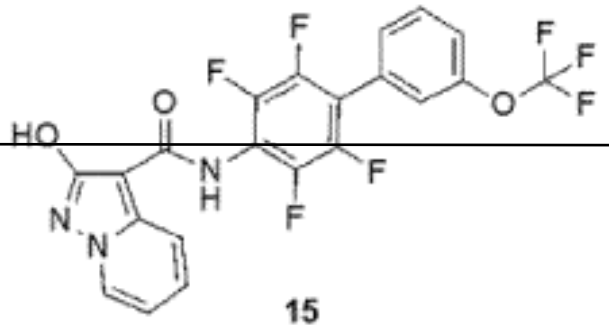
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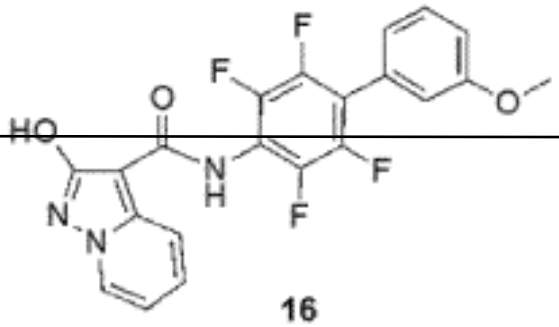
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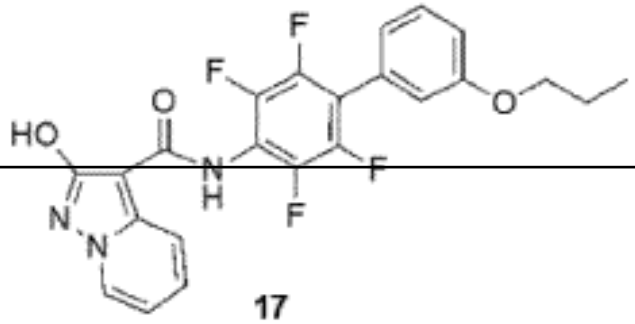
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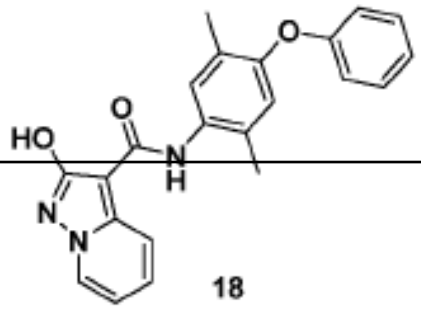
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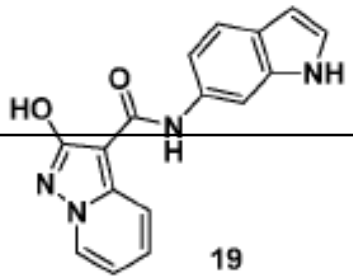
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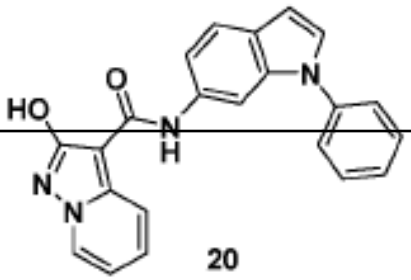
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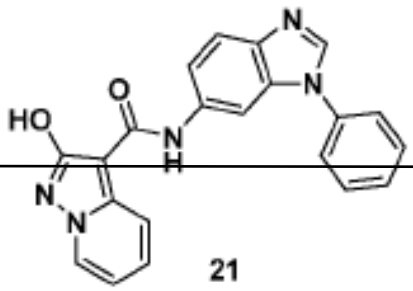
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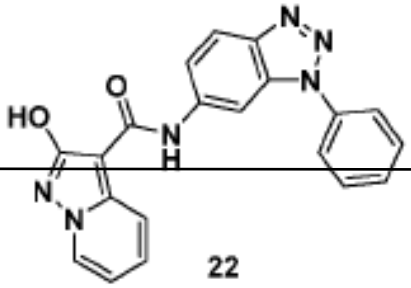
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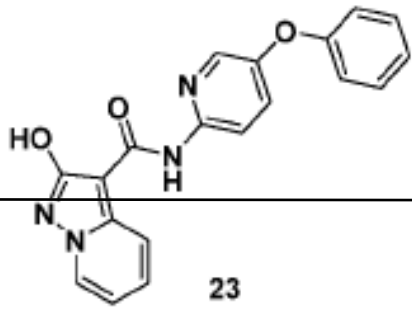
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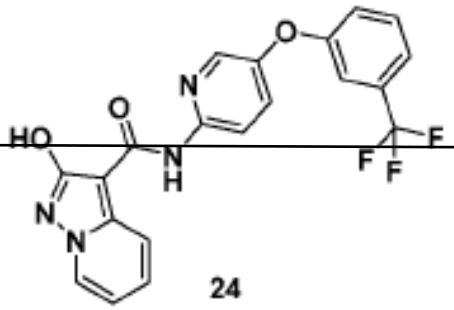
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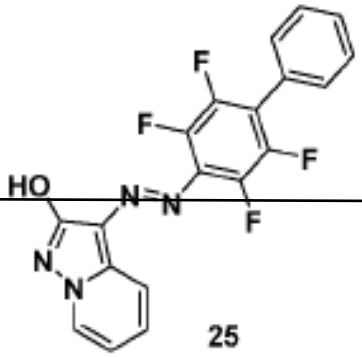
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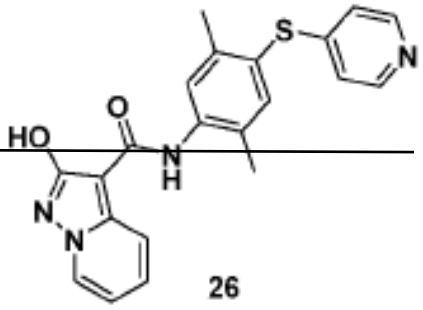
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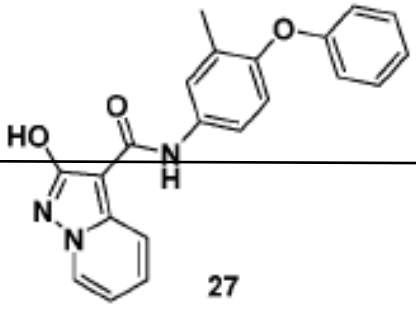
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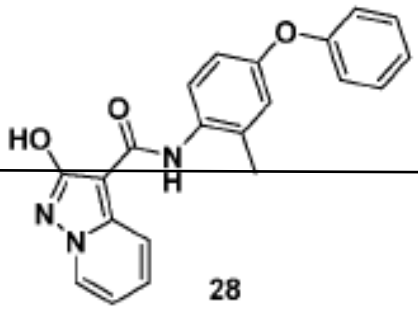
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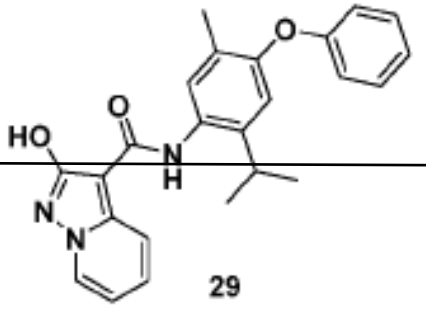
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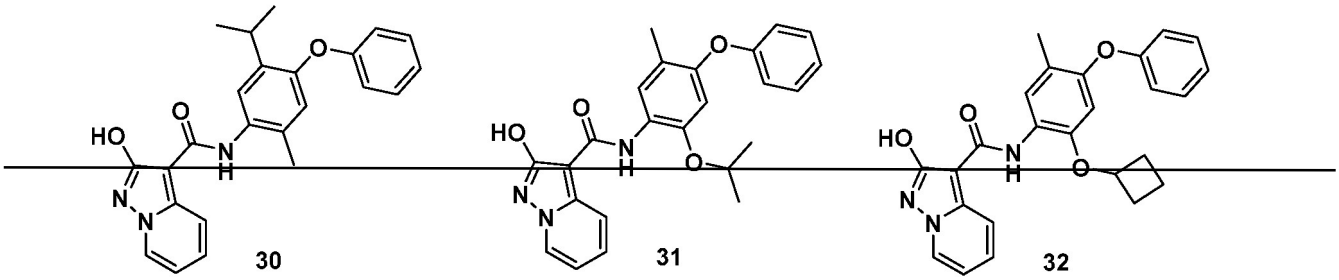
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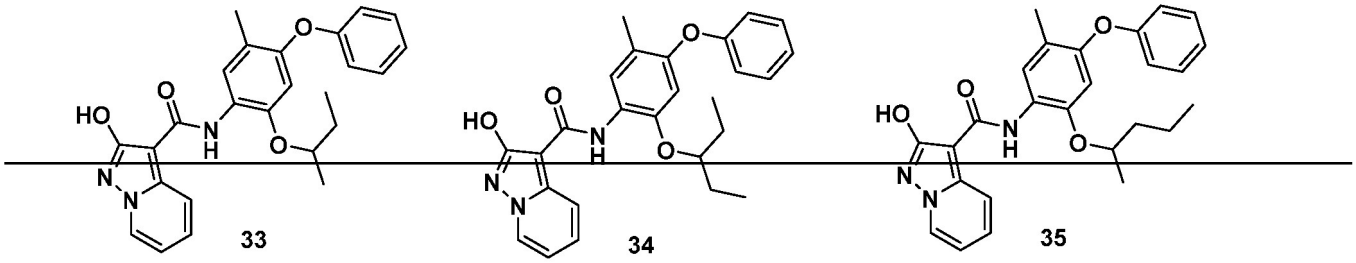
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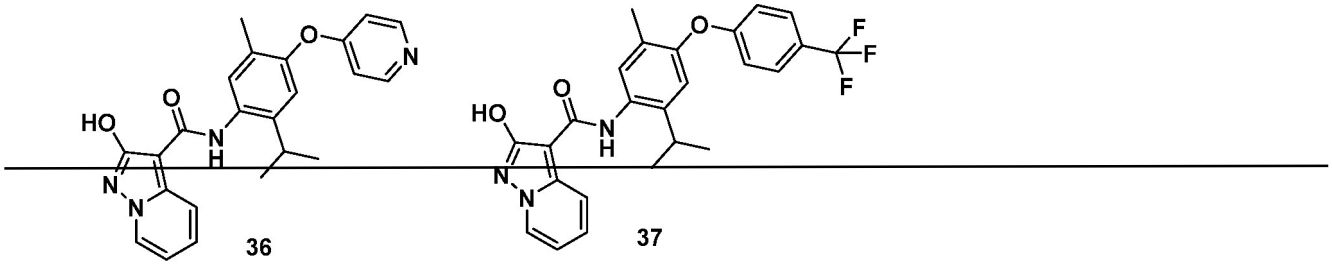
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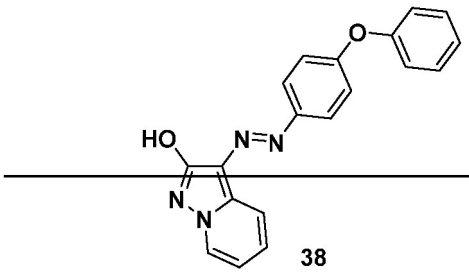
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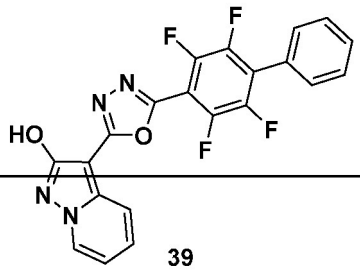
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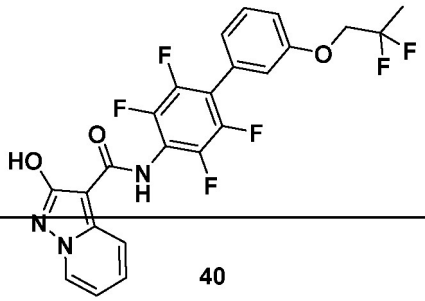
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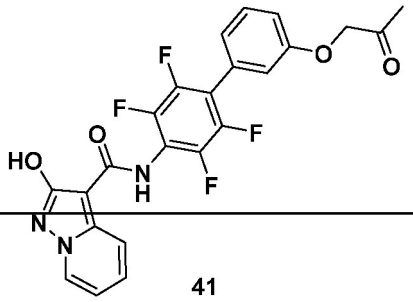
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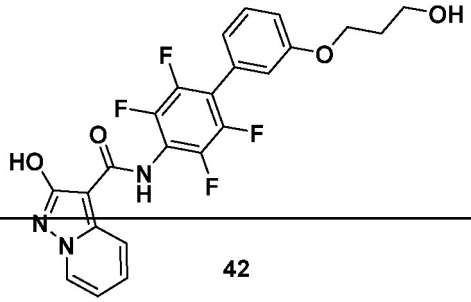
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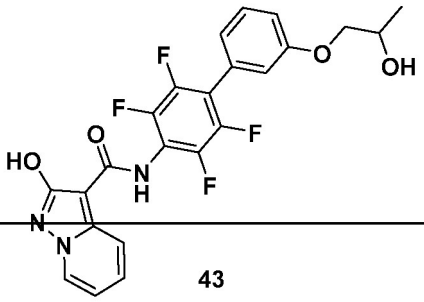
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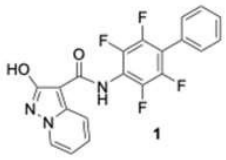


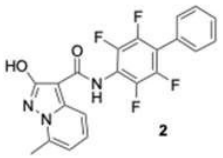
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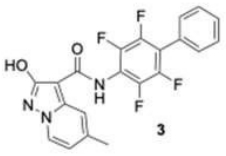


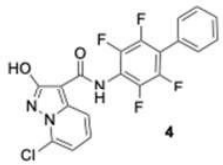
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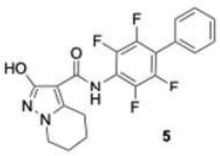
9. A compound for use according to claim 1, which is selected from the group consisting of:

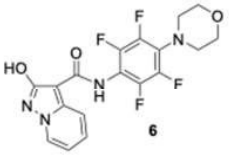

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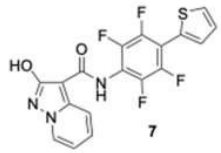

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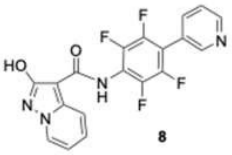

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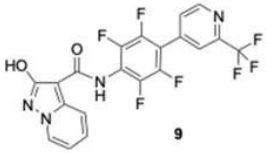

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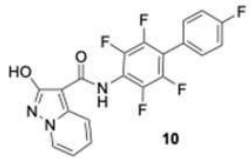

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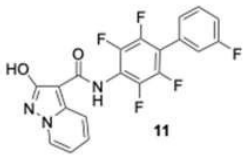

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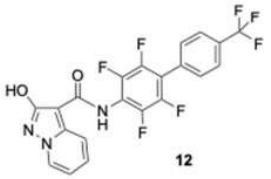

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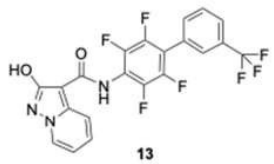

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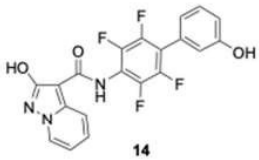

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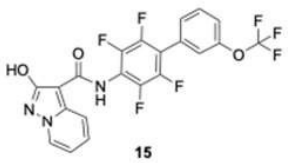

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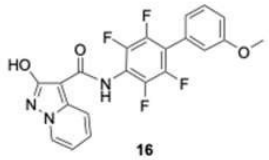

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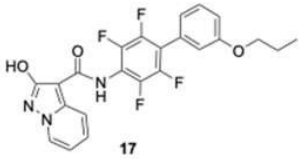

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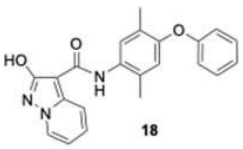

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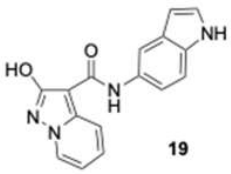

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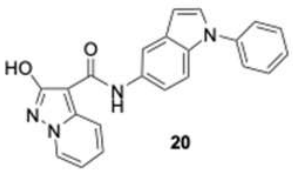

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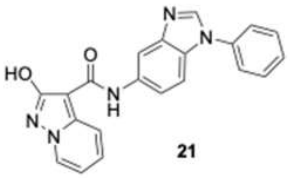

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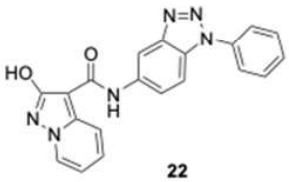
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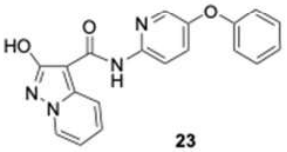
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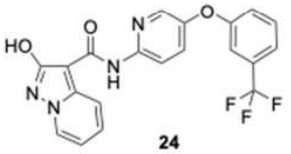
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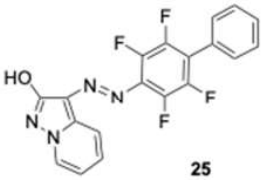
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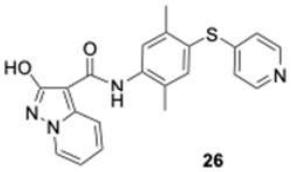
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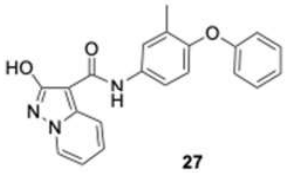
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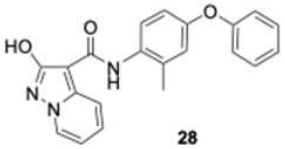
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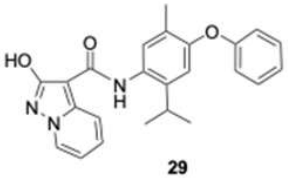
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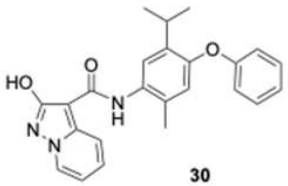
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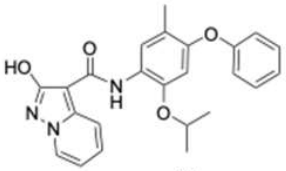
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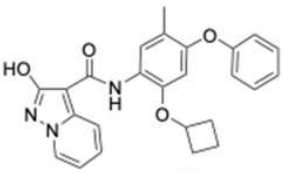
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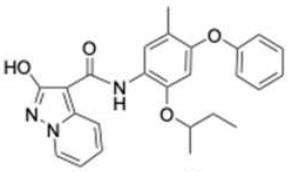
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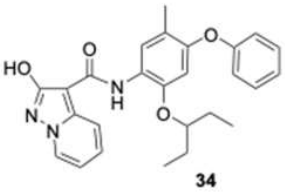
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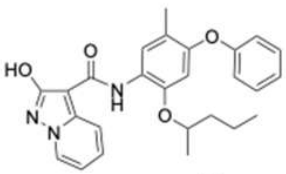
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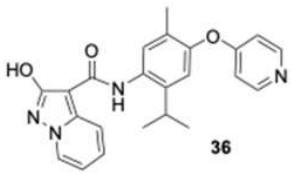
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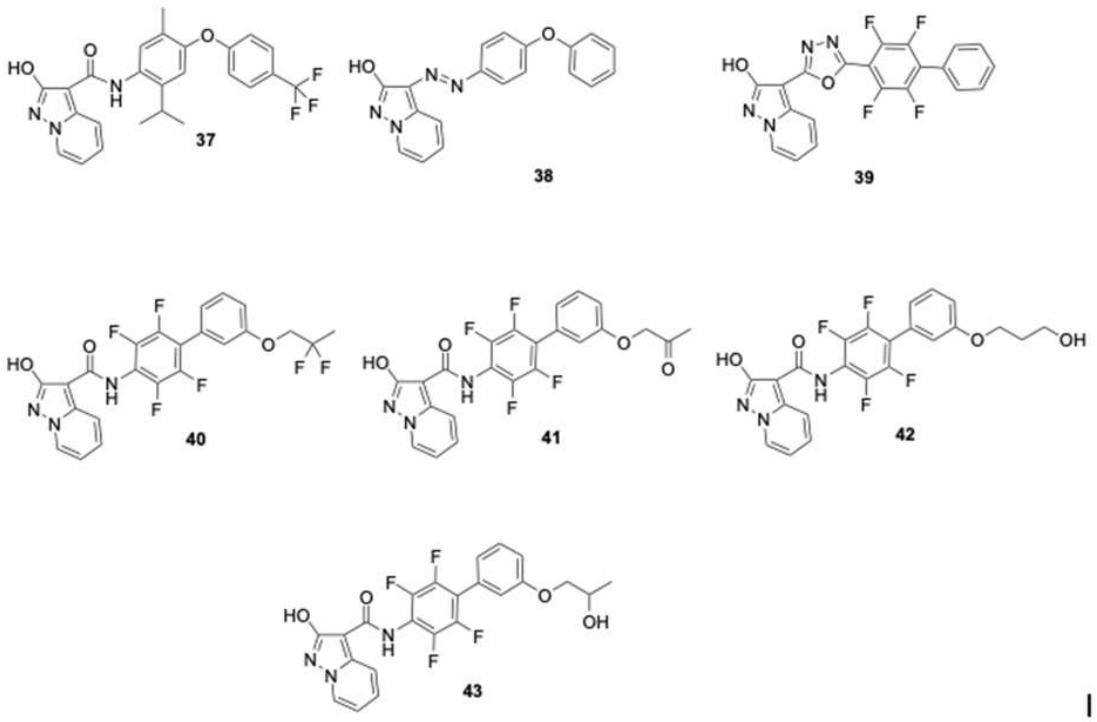
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10. A compound for use according to any one of claims 1 to 9, wherein the virus is a DNA or a RNA virus.

11. A compound for use according to any one of claims 1 to 9, wherein the virus is selected from the group consisting of *Herpesviridae, Orthomyxoviridae, Paramyxoviridae* and *Coronaviridae.*

12. A compound for use according to any one of claims 1 to 9, wherein the virus is selected from the group consisting of Herpes simplex virus 1 (HSV-1), Herpes simplex virus 2 (HSV-2), Influenza A virus, Influenza B virus, Respiratory syncytial virus (RSV), Severe acute respiratory syndrome coronavirus 1 (SARS-CoV-1), Severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) and Middle East respiratory syndrome-related coronavirus (MERS-CoV).

13. A pharmaceutical composition for use in inhibiting virus replication or in the treatment of a viral infection, the pharmaceutical composition comprising a compound as defined in any one of claims 1 to 9 and a pharmaceutically acceptable carrier, excipient and/or diluent.

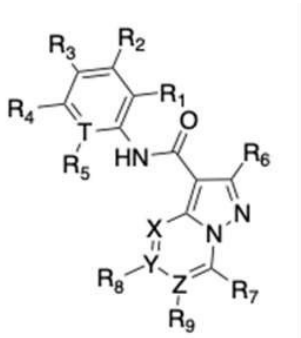
14. The pharmaceutical composition for use according to claim 13, wherein the viral infection is caused by a DNA or RNA virus.

15. The pharmaceutical composition for use according to claim 13, wherein the viral infection is caused by a virus selected from the group consisting of *Herpesviridae, Orthomyxoviridae,*

Paramyxoviridae and *Coronaviridae,* preferably from the group consisting of Herpes simplex virus 1 (HSV-1), Herpes simplex virus 2 (HSV-2), Influenza A virus, Influenza B virus, Respiratory syncytial virus (RSV), Severe acute respiratory syndrome coronavirus 1 (SARS-CoV-1), Severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) and Middle East respiratory syndrome-related coronavirus (MERS-CoV).

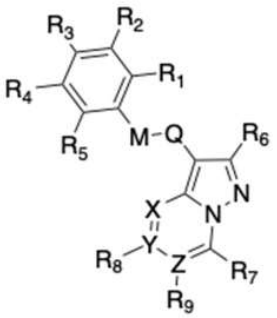
16. A compound selected from the group consisting of:

- a compound of Formula (I):



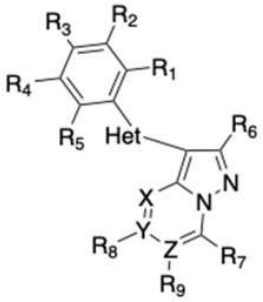
Formula (I)

- a compound of Formula (IV):



Formula (IV)

- a compound of Formula (V):



Formula (V)

wherein:

R_1, R_2, R_4 and R_5 are independently selected from a hydrogen atom, a halogen atom, a alkyl group, a alkyloxy group, a cycloalkyloxy group, an alkylthio group, a halo alkyl group, a halo alkyloxy group, a nitro group, a cyano group, and alkylamino group;

R_3 in Formulae (I), (IV) and (V) is independently selected from an optionally substituted phenyl group, heteroaryl group, pyridinyl group, piperidinyl group, phenoxy group, pyridinoxy group, piperidinyloxy group, phenylthio group, azinyl group, phenylsulfonyl group, phenylsulfinyl group, phenylsulfonylamino group, alkyl group, alkyloxy group, alkylthio group, halo alkyl group, and halo alkyloxy group;

R_7, R_8 and R_9 in Formulae (I), (IV) and (V) are independently selected from hydrogen atom, a halogen atom, a nitro group, a cyano group, a halo alkyl group, a thio alkyl group, an amino alkyl group, a alkyl group, and a hydroxy alkyl group;

R_6 in Formulae (I), (IV) and (V) is independently selected from a alkyloxy group, a halogen atom, an acyloxy group, a monophosphate group, a hydroxyl group, a thiol group, an amino group, or a salt thereof;

X, Y and Z in Formulae (I), (IV) and (V) are independently selected from a carbon atom, a nitrogen atom, an oxygen atom and a sulfur atom, with the proviso that when one of X, Y or Z is nitrogen, oxygen or sulfur, the other two of X, Y or Z are carbon atoms;

T in Formula (I) is a carbon atom or a nitrogen atom, with the proviso that when T is a nitrogen atom, R5 in Formula (I) does not exist;

M in Formula (IV) is selected from a carbon sp2 atom, a nitrogen sp3 atom, a nitrogen sp2 atom, a carbonyl group and a sulfonyl group;

Q in Formula (IV) is selected from a carbon sp2 atom, a carbonyl group, a thiocarbonyl group, a sulfonyl group, a polihalogenate-C2-alkylchain, a carbonylamino group, an aminocarbonyl group, a nitrogen sp2 atom and a nitrogen sp3 atom,

with the provisos that when M is a carbon sp2 atom, Q is a carbon sp2 atom; when M is a nitrogen sp3 atom, Q is selected from a carbonyl group, a thiocarbonyl group, a sulfonyl group, a polihalogenate-C2-alkyl chain, a carbonylamino group, an aminocarbonyl group; when M is a

nitrogen sp2 atom, Q is a nitrogen sp2 atom; when M is a carbonyl group or sulfonyl group, Q is a nitrogen sp3 atom;

Het in Formula (V) is selected from azoles, such as an imidazole, a pyrazole, an oxazole, a thiazole, a triazole, an oxadiazole, a thiadiazole, a tetrazole.

17. The compound according to claim 16, wherein the alkyls in the definitions of R_1, R_2, R_4 and R_5 are independently selected from the C1-C6 alkyls, preferably from the C1-C4 alkyls.

18. The compound according to claim 16, wherein the alkyls in the definitions of R_3 are independently selected from the C1-C12 alkyls.

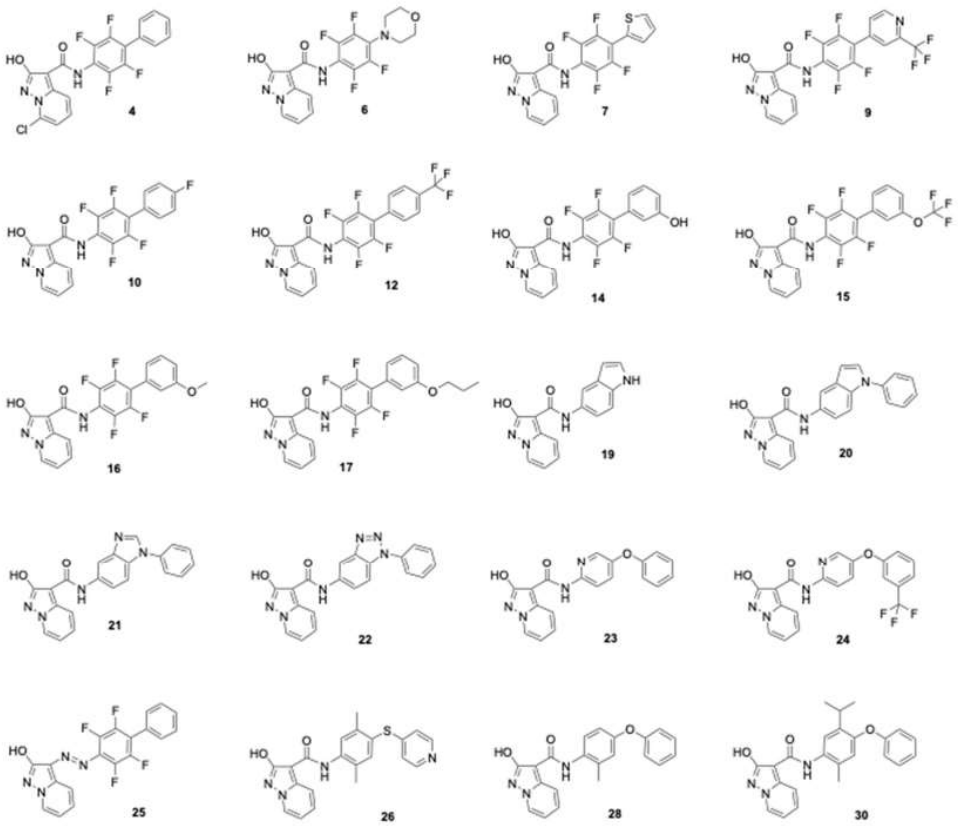
19. The compound according to claim 16, wherein the alkyls in the definitions of R_7, R_8 and R_9 are independently selected from the C1-C6 alkyls, preferably from the C1-C4 alkyls.

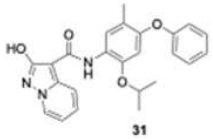
20. The compound according to claim 16, which is a compound of Formula (I) wherein X=Y=Z are sp2 C atoms and R_9 is a proton.

21. The compound according to claim 16, wherein at least one of R_1, R_2, R_4 and R_5 is or contains a halogen atom, preferably a fluorine atom.

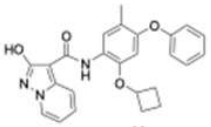
22. The compound according to claim 16, wherein R_6 is OH or a monophosphate.

23. The compound according to claim 16, which is selected from the group consisting of:

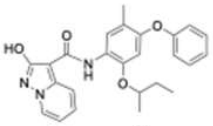

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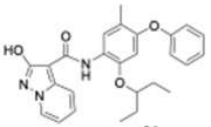
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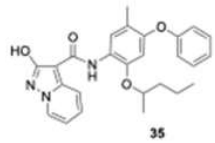
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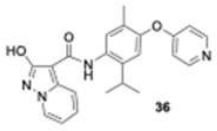
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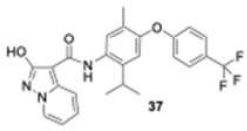
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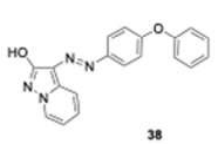
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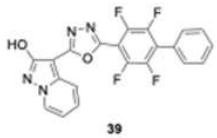
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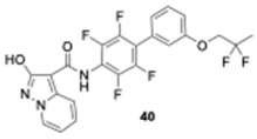
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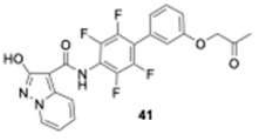
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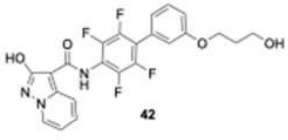
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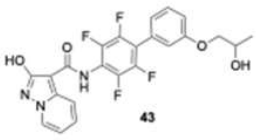
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