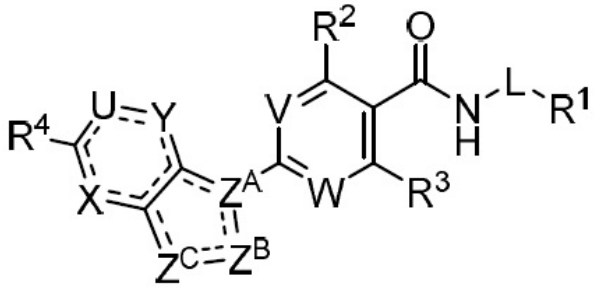
Claims

1. A compound of the formula (I):



(I)

wherein:

the dashed line indicates the presence or absence of a bond;

R^1 is carboxy, tetrazolyl or oxadiazolonyl~~cyano, substituted or unsubstituted aromatic heterocyclyl, $-C(=O)-NR^{1B}R^{1C}$ or $-CH=CHC(=O)-OH$~~;

~~R^{1B} and R^{1C} are each independently a hydrogen atom, substituted or unsubstituted alkyl, substituted or unsubstituted aminosulfonyl or substituted or unsubstituted non-aromatic heterocyclylsulfonyl;~~

L is substituted or unsubstituted non-aromatic carbocyclyldiyl, substituted or unsubstituted non-aromatic heterocyclyldiyl or substituted or unsubstituted alkylene;

R^2 is substituted or unsubstituted alkyl;

R^3 is a hydrogen atom, substituted or unsubstituted alkyl, substituted or unsubstituted alkyloxy, substituted or unsubstituted amino or substituted or unsubstituted carbamoyl;

~~X is $=CR^X-$ or $=N-$;~~

~~Y is $=CR^Y-$ or $=N-$;~~

~~U is $-CR^U=$ or $-N=$;~~

V is $-CR^V=$ or $-N=$;

W is $=CR^W-$ or $=N-$;

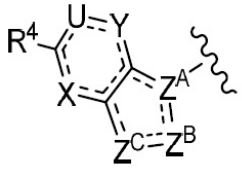
~~Z^A is $-C=$ or $-N-$;~~

~~Z^B is $-CR^5R^6-$, $-CR^5=$, $-NR^5-$ or $-N=$;~~

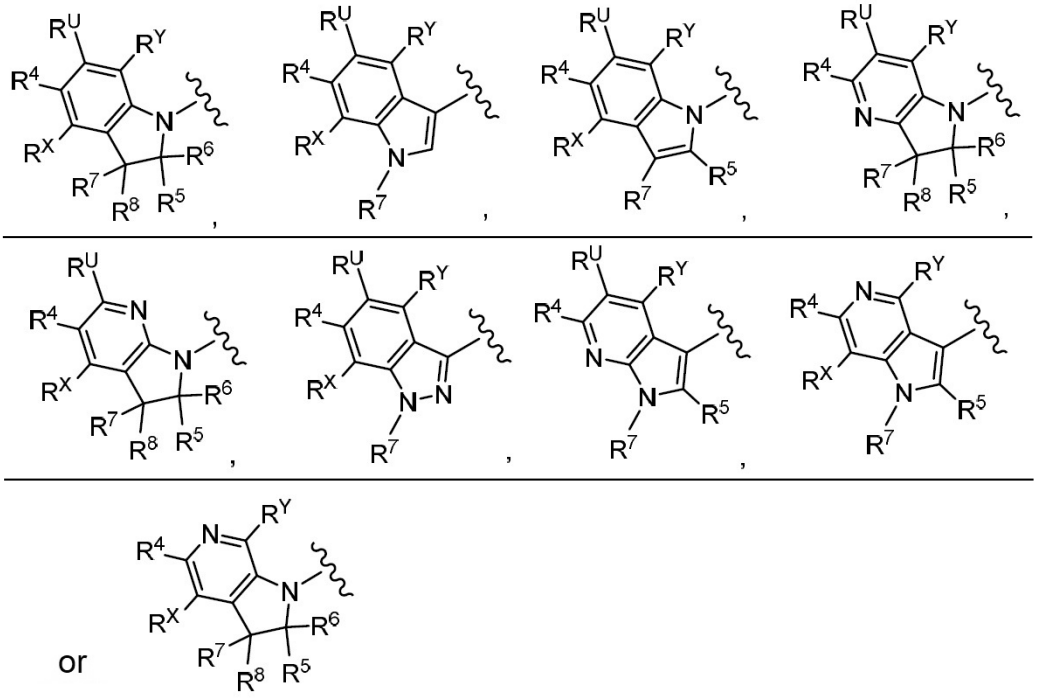
~~Z^C is $-CR^7R^8-$, $-CR^7=$, $-NR^7-$ or $=N-$;~~

~~R^X, R^Y,~~ R^V and R^W are each independently a hydrogen atom, cyano, halogen, substituted or unsubstituted alkyl or substituted or unsubstituted carbamoyl;

the group of the formula:



is



wherein R^X and R^Y are each independently a hydrogen atom, cyano, halogen, substituted or unsubstituted alkyl or substituted or unsubstituted carbamoyl;

R^U is a hydrogen atom, substituted or unsubstituted alkyloxy, substituted or unsubstituted non-aromatic heterocyclyloxy, substituted or unsubstituted non-aromatic carbocyclyloxy, substituted or unsubstituted alkyl, substituted or unsubstituted alkenyl, substituted or unsubstituted amino, hydroxy, halogen, substituted or unsubstituted aromatic carbocyclyl, substituted or unsubstituted aromatic heterocyclyl, substituted or unsubstituted non-aromatic heterocyclyl or substituted or unsubstituted non-aromatic carbocyclyl;

R^5 and R^6 are each independently a hydrogen atom, substituted or unsubstituted non-aromatic heterocyclyl, hydroxy or substituted or unsubstituted alkyl, or R^5 and R^6 are taken together to form oxo;

R^7 and R^8 are each independently a hydrogen atom, substituted or unsubstituted alkyl, substituted or unsubstituted non-aromatic carbocyclyl, substituted or unsubstituted non-aromatic heterocyclyl, substituted or unsubstituted aromatic carbocyclyl, substituted or unsubstituted aromatic heterocyclyl, substituted or unsubstituted non-aromatic carbocyclyloxycarbonyl, substituted or unsubstituted non-aromatic heterocyclyloxycarbonyl, substituted or unsubstituted non-aromatic carbocyclylsulfonyl, substituted or unsubstituted alkylsulfonyl, or R^7 and R^8 are taken together with the carbon atom to which they are attached to form a substituted or unsubstituted non-aromatic carbon ring or a substituted or unsubstituted non-aromatic heterocyclic ring; or

R^5 and R^7 are taken together with the carbon atoms to which they are attached to form a substituted or unsubstituted non-aromatic carbon ring or a substituted or unsubstituted aromatic carbon ring; or

R^4 is a hydrogen atom, substituted or unsubstituted alkyloxy, substituted or unsubstituted non-aromatic heterocyclyloxy, substituted or unsubstituted non-aromatic carbocyclyloxy, substituted or unsubstituted aromatic carbocyclyloxy, substituted or unsubstituted aromatic heterocyclyloxy, substituted or unsubstituted alkyl, substituted or unsubstituted alkenyl, substituted or unsubstituted amino, substituted or unsubstituted carbamoyl, hydroxy, halogen, substituted or unsubstituted aromatic carbocyclyl, substituted or unsubstituted aromatic heterocyclyl, substituted or unsubstituted non-aromatic heterocyclyl, substituted or unsubstituted non-aromatic carbocyclyl or substituted or unsubstituted non-aromatic heterocyclylcarbonyl, or R^4 and R^U are taken together with the carbon atom to which they are attached to form a substituted or unsubstituted non-aromatic heterocyclic ring,
or a pharmaceutically acceptable salt thereof.

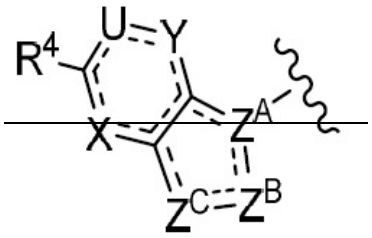
2. The compound according to claim 1, wherein R^1 is carboxy, or a pharmaceutically acceptable salt thereof.

3. The compound according to claim 1 or 2, wherein L is substituted or unsubstituted non-aromatic carbocyclyldiyl, or a pharmaceutically acceptable salt thereof.

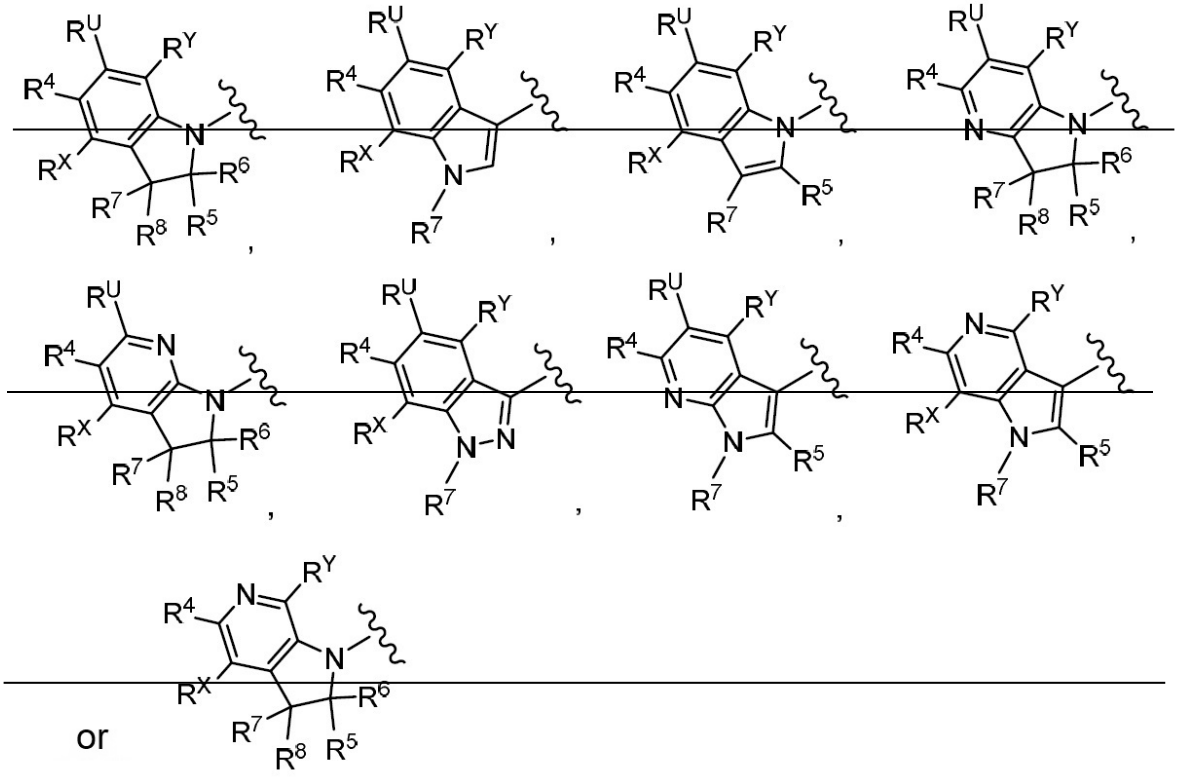
4. The compound according to any one of claims 1 to 3, wherein R^3 is a hydrogen atom, or a pharmaceutically acceptable salt thereof.

5. The compound according to any one of claims 1 to 4, wherein V is -N= and W is =N-, or a pharmaceutically acceptable salt thereof.

~~6. The compound according to any one of claims 1 to 5, wherein the group of the formula:~~

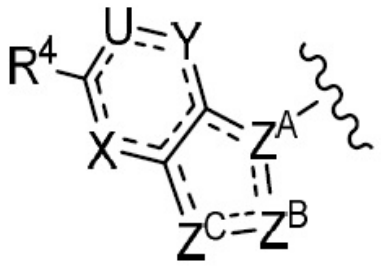


~~is~~

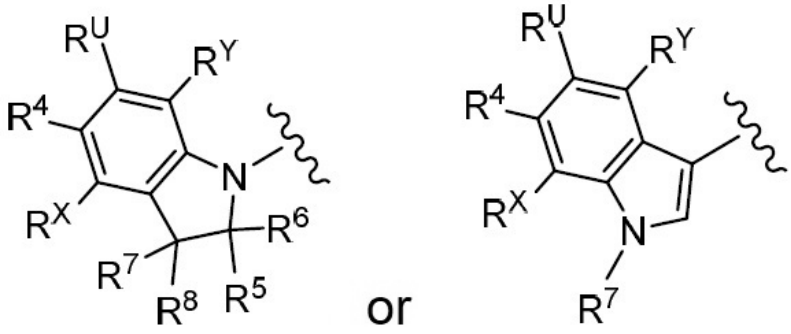


~~wherein each symbol is as defined in claim 1, or a pharmaceutically acceptable salt thereof.~~

~~7~~6. The compound according to any one of claims 1 to ~~6~~5, wherein the group of the formula:

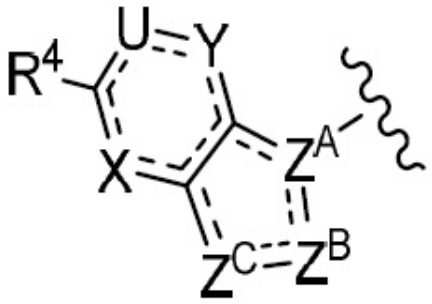


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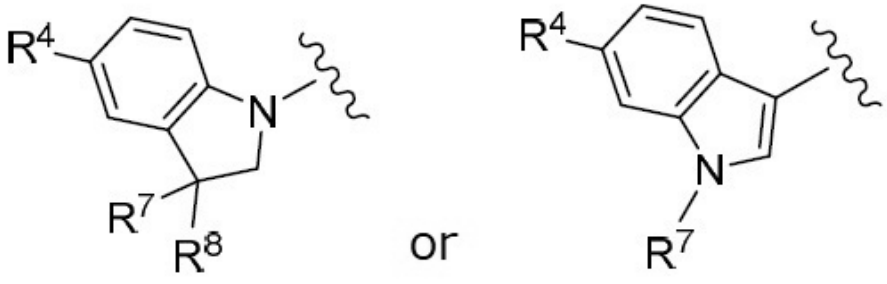


wherein each symbol is as defined in claim 1, or a pharmaceutically acceptable salt thereof.

~~8~~7. The compound according to any one of claims 1 to ~~7~~6, wherein the group of the formula:

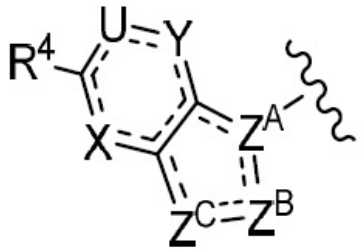


is

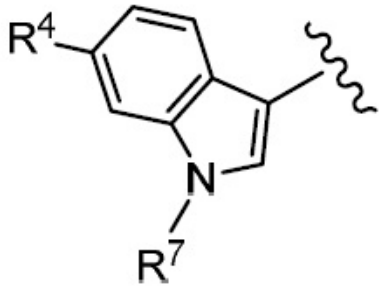


wherein each symbol is as defined in claim 1, or a pharmaceutically acceptable salt thereof.

~~9~~8. The compound according to any one of claims 1 to ~~8~~7, wherein the group of the formula:



is



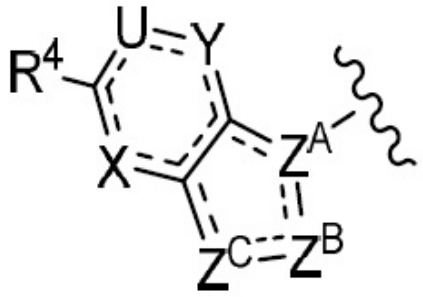
wherein

R^4 is as defined in claim 1; and

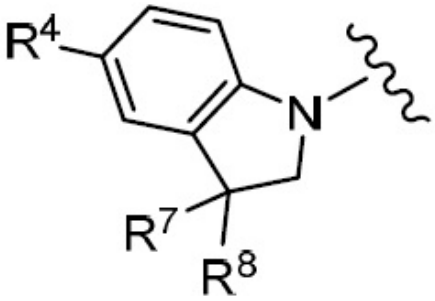
R^7 is substituted or unsubstituted alkyl, substituted or unsubstituted non-aromatic carbocyclyl, substituted or unsubstituted non-aromatic heterocyclyl, substituted or unsubstituted aromatic carbocyclyl, substituted or unsubstituted aromatic heterocyclyl, substituted or unsubstituted non-aromatic carbocyclyloxycarbonyl, substituted or unsubstituted non-aromatic heterocyclyloxycarbonyl or substituted or unsubstituted non-aromatic carbocyclylsulfonyl,

or a pharmaceutically acceptable salt thereof.

~~10~~9. The compound according to any one of claims 1 to ~~8~~7, wherein the group of the formula:



is



wherein

R^4 is as defined in claim 1; and

R^7 and R^8 are each independently a hydrogen atom or substituted or unsubstituted alkyl, or R^7 and R^8 are taken together with the carbon atom to which they are attached to form a substituted or unsubstituted non-aromatic carbon ring or a substituted or unsubstituted non-aromatic heterocyclic ring, or a pharmaceutically acceptable salt thereof.

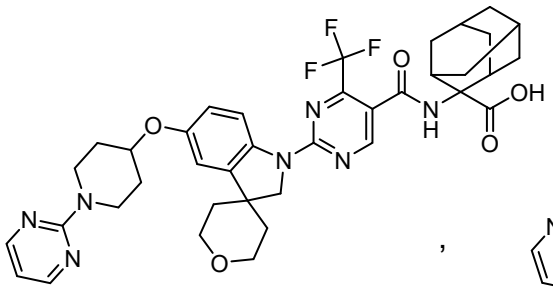
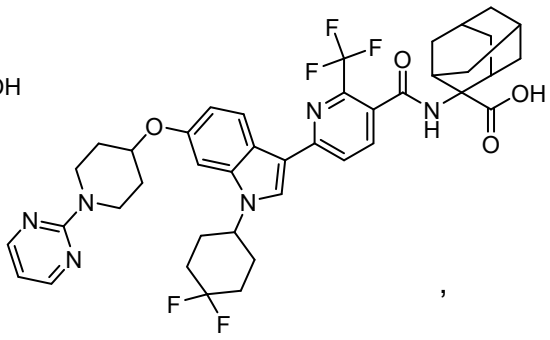
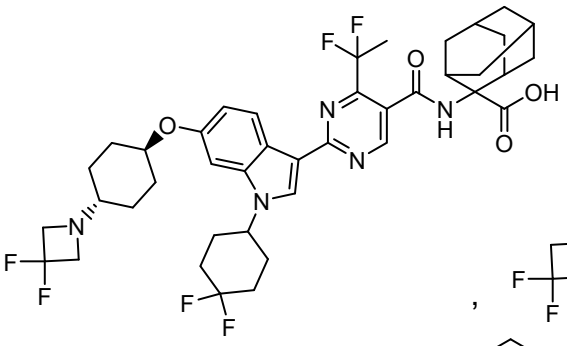
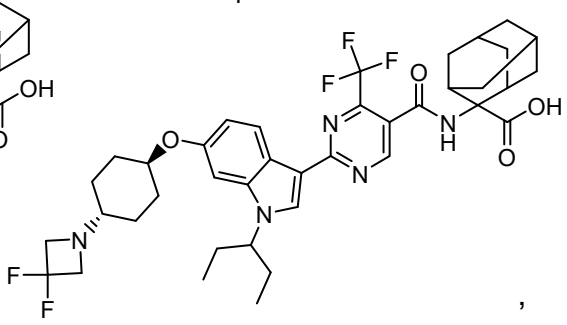
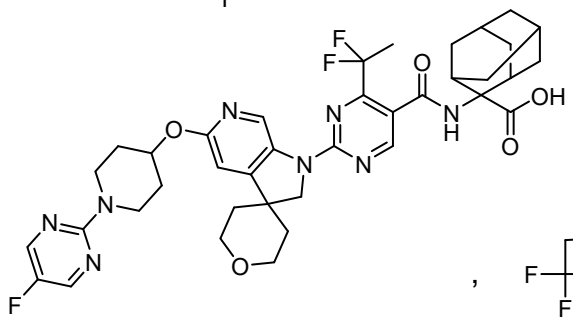
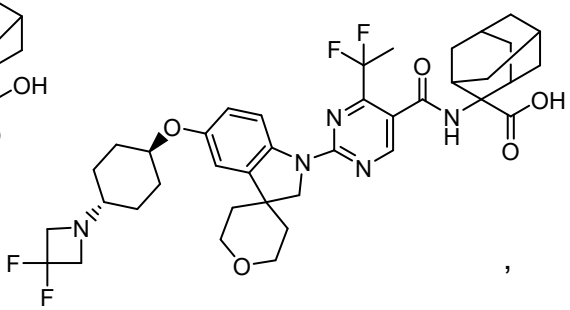
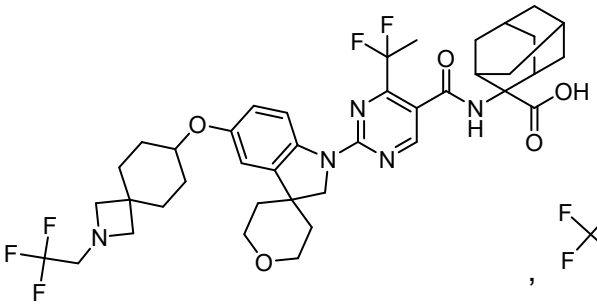
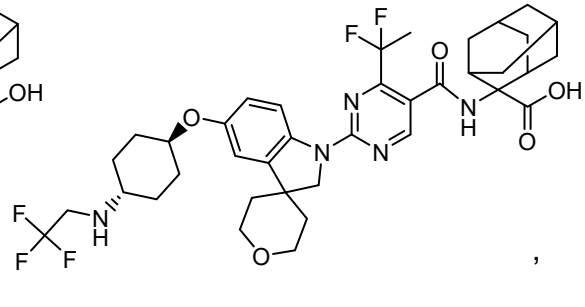
~~11~~10. The compound according to any one of claims 1 to ~~10~~9, wherein R^4 is substituted or unsubstituted alkyloxy, substituted or unsubstituted non-aromatic heterocyclyloxy, substituted or unsubstituted non-aromatic carbocyclyloxy, substituted or unsubstituted aromatic carbocyclyloxy, substituted or unsubstituted alkyl, substituted or unsubstituted alkenyl, substituted or unsubstituted amino, hydroxy, halogen, substituted or unsubstituted aromatic carbocyclyl, substituted or unsubstituted non-aromatic heterocyclyl or substituted or unsubstituted non-aromatic carbocyclyl,

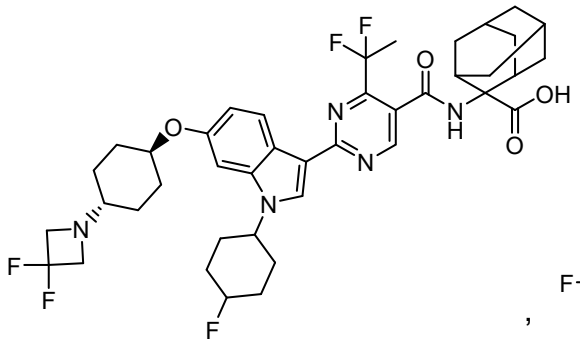
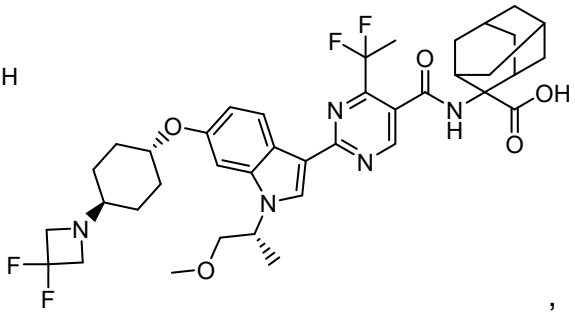
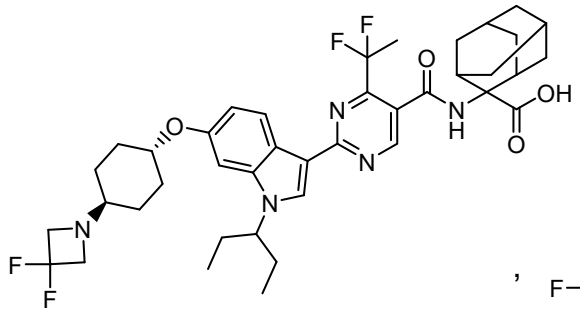
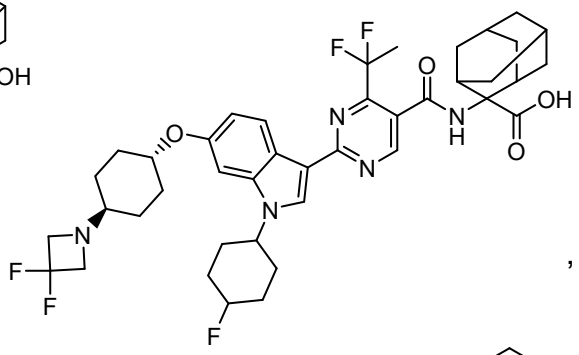
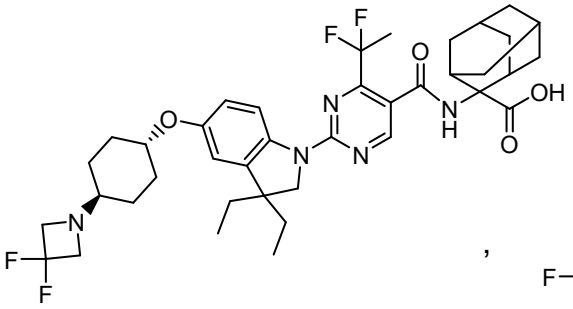
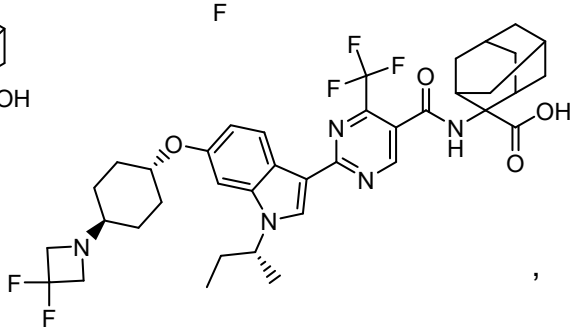
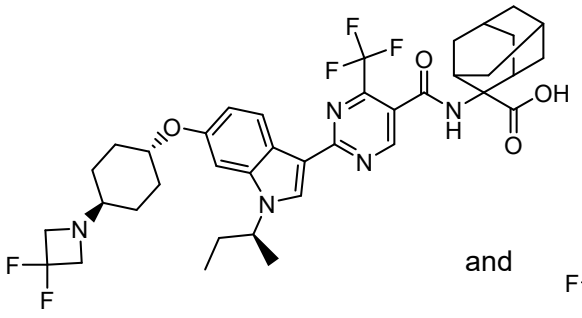
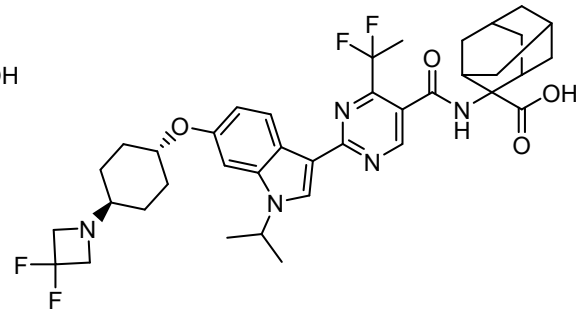
or a pharmaceutically acceptable salt thereof.

~~12~~11. The compound according to any one of claims 1 to ~~11~~10, wherein R^4 is substituted or unsubstituted non-aromatic heterocyclyloxy or substituted or unsubstituted non-aromatic carbocyclyloxy,

or a pharmaceutically acceptable salt thereof.

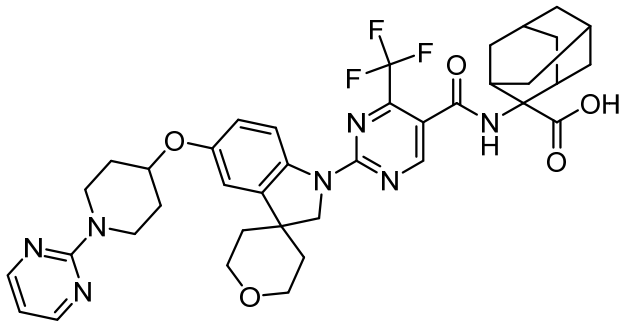
~~13~~12. The compound according to claim 1 selected from the group consisting of the following compounds:


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and


, or a pharmaceutically acceptable salt thereof.

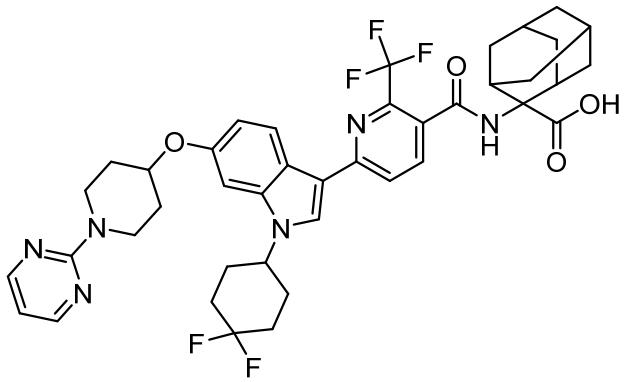
~~14~~13. The compound according to claim 1~~,~~ wherein the compound is the following compound~~which is~~:



,

or a pharmaceutically acceptable salt thereof.

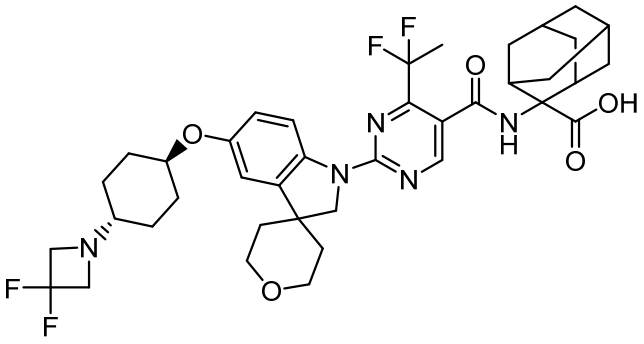
~~15~~14. The compound according to claim 1~~,~~ wherein the compound is the following compound~~which is~~:



,

or a pharmaceutically acceptable salt thereof.

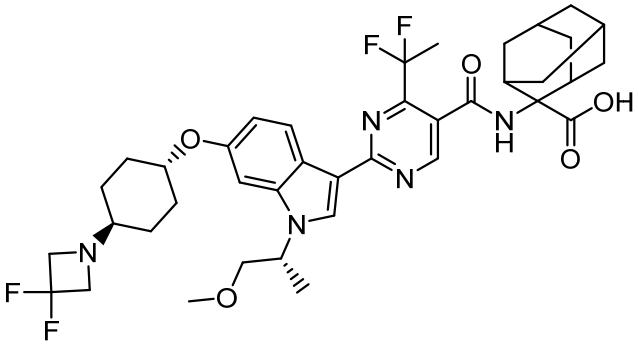
~~16~~15. The compound according to claim 1~~,~~ wherein the compound is the following compound~~which is~~:



,

or a pharmaceutically acceptable salt thereof.

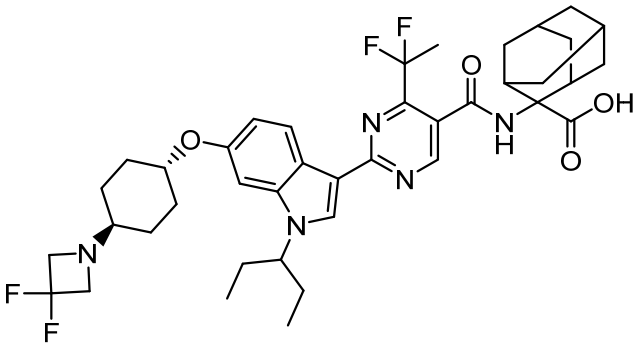
~~17~~16. The compound according to claim 1~~,~~ wherein the compound is the following compound~~which is~~:



,

or a pharmaceutically acceptable salt thereof.

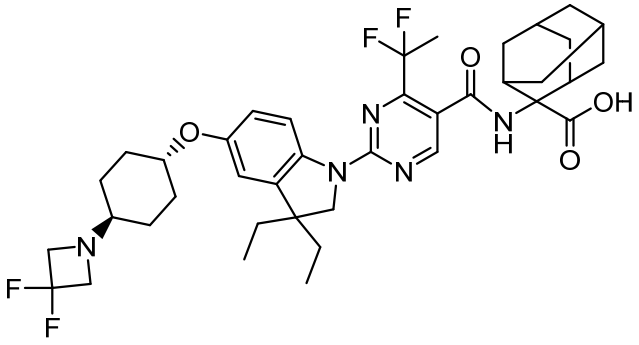
~~18~~17. The compound according to claim 1~~,~~ wherein the compound is the following compound~~which is~~:



,

or a pharmaceutically acceptable salt thereof.

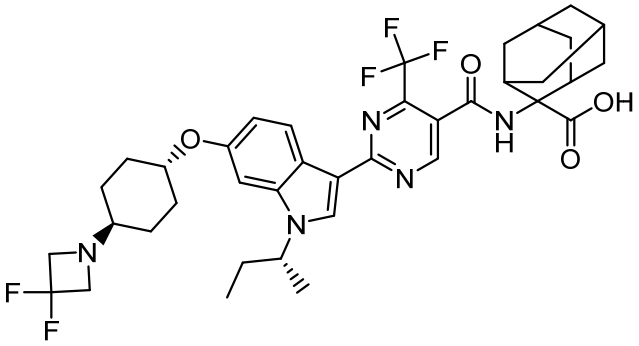
~~19~~18. The compound according to claim 1~~,~~ wherein the compound is the following compound~~which is~~:



,

or a pharmaceutically acceptable salt thereof.

~~20~~19. The compound according to claim 1~~,~~ wherein the compound is the following compound~~which is~~:



,

or a pharmaceutically acceptable salt thereof.

~~21~~20. A pharmaceutical composition comprising the compound of any one of claims 1 to ~~20~~19, or a pharmaceutically acceptable salt thereof.

~~22. The pharmaceutical composition according to claim 21 having an anti-RS virus activity.~~

~~23. The compound according to any one of claims 1 to 20 or a pharmaceutically acceptable salt thereof, for use in the treatment and/or prevention of RSV infection.~~

~~24. Use of the compound according to any one of claims 1 to 20, or a pharmaceutically acceptable salt thereof, in the manufacture of a medicament for the treatment and/or prevention of RSV infection.~~