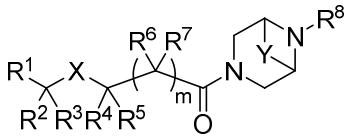
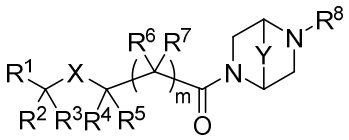
~~WHAT IS CLAIMED IS:~~CLAIMS

1. A compound, or a pharmaceutically acceptable salt or solvate thereof, having the structure of **Formula (IA)** or **(IB)**:



Formula (IA)

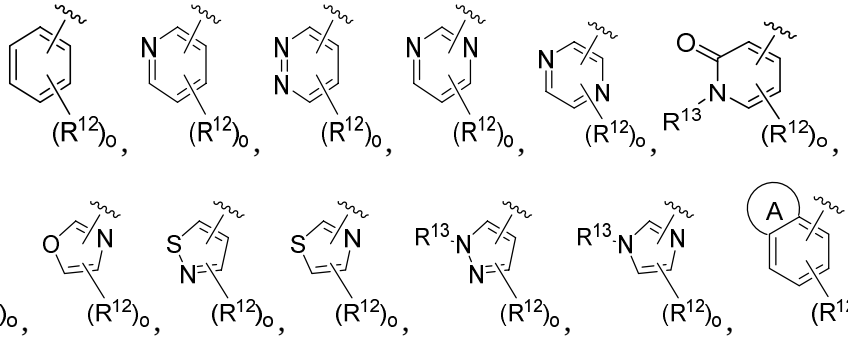


Formula (IB)

wherein:

X is a bond, $-C(R^9)(R^{10})-$, $-N(R^{11})-$, -O-, $-S(O)_n-$, $-CH_2N(R^{11})-$, or $-CH_2O-$;

Y is a $-CH_2-$, $-CH_2CH_2-$, -CH=CH-, or $-CH_2OCH_2-$;

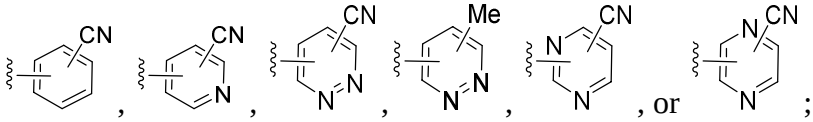
R^1 is , wherein ring A is a 5- or 6-membered heteroaryl ring or a 5- or 6-membered heterocycloalkyl ring optionally substituted with halogen, cyano, $-N(R^{14})(R^{15})$, C_{1-6} alkyl, C_{1-6} alkoxy, C_{1-6} haloalkyl, C_{1-6} haloalkoxy, C_{3-6} cycloalkyl, C_{3-6} cycloalkoxy, C_{3-6} halocycloalkyl, C_{3-6} halocycloalkoxy, heterocycloalkyl, aryl, heteroaryl, $-S(O)_n(R^{16})$, or $-SF_5$, wherein the heteroaryl or heterocycloalkyl ring contains 1, 2 or 3 heteroatoms selected from the group consisting of O, N or S;

R^2 is hydrogen, deuterium, halogen, hydroxyl, C_{1-6} alkyl, C_{1-6} alkoxy, C_{1-6} haloalkyl, C_{1-6} haloalkoxy, C_{3-6} cycloalkyl, C_{3-6} cycloalkoxy, C_{3-6} halocycloalkyl, C_{3-6} halocycloalkoxy, C_{1-6} alkylhydroxyl, heterocycloalkyl, aryl or heteroaryl;

R^3 is halogen, C_{1-6} alkyl, C_{1-6} alkoxy, C_{1-6} haloalkyl, C_{1-6} haloalkoxy, C_{3-6} cycloalkyl, C_{3-6} cycloalkoxy, C_{3-6} halocycloalkyl, C_{3-6} halocycloalkoxy, C_{1-6} alkylhydroxyl, heterocycloalkyl, aryl or heteroaryl; or R^2 and R^3 combine to form a cycloalkyl or heterocycloalkyl ring optionally substituted with halogen, C_{1-6} alkyl, or C_{3-6} cycloalkyl;

R^4 and R^5 are independently selected from hydrogen, deuterium, halogen, and C_{1-3} alkyl; or R^3 and R^4 combine to form a cycloalkyl or heterocycloalkyl ring optionally substituted with halogen, C_{1-6} alkyl, or C_{3-6} cycloalkyl; or R^4 and R^5 combine to form a cycloalkyl or heterocycloalkyl ring optionally substituted with halogen, C_{1-6} alkyl, or C_{3-6} cycloalkyl;

R^6 and R^7 are independently selected from hydrogen, deuterium, halogen, and C_{1-3} alkyl; or R^3 and R^7 combine to form a cycloalkyl or heterocycloalkyl ring optionally substituted with halogen, C_{1-6} alkyl, or C_{3-6} cycloalkyl; or R^4 and R^6 combine to form a cycloalkyl or heterocycloalkyl ring optionally substituted with halogen, C_{1-6} alkyl, or C_{3-6} cycloalkyl; or R^5 and R^7 combine to form a bond;

R^8 is ;

R^9 and R^{10} are independently selected from hydrogen, deuterium, halogen, C_{1-6} alkyl, C_{1-6} alkoxy, C_{1-6} haloalkyl, C_{1-6} haloalkoxy, C_{3-6} cycloalkyl, C_{3-6} cycloalkoxy, C_{3-6} halocycloalkyl, C_{3-6} halocycloalkoxy, heterocycloalkyl, aryl or heteroaryl; or R^3 and R^{10} combine to form a cycloalkyl or heterocycloalkyl ring optionally substituted with halogen, C_{1-6} alkyl, or C_{3-6} cycloalkyl; or R^4 and R^{10} combine to form a cycloalkyl or heterocycloalkyl ring optionally substituted with halogen, C_{1-6} alkyl, or C_{3-6} cycloalkyl; or R^6 and R^{10} combine to form a cycloalkyl or heterocycloalkyl ring optionally substituted with halogen, C_{1-6} alkyl, or C_{3-6} cycloalkyl; or R^9 and R^{10} combine to form a cycloalkyl or heterocycloalkyl ring optionally substituted with halogen, C_{1-6} alkyl, or C_{3-6} cycloalkyl;

R^{11} is hydrogen, C_{1-6} alkyl, C_{1-6} haloalkyl, C_{3-6} cycloalkyl, C_{3-6} halocycloalkyl, heterocycloalkyl aryl or heteroaryl; or R^3 and R^{11} combine to form a heterocycloalkyl ring optionally substituted with halogen, C_{1-6} alkyl, or C_{3-6} cycloalkyl; or R^4 and R^{11} combine to form a heterocycloalkyl ring optionally substituted with halogen, C_{1-6} alkyl, or C_{3-6} cycloalkyl; or R^6 and R^{11} combine to form a heterocycloalkyl ring optionally substituted with halogen, C_{1-6} alkyl, or C_{3-6} cycloalkyl;

each R^{12} is independently selected from hydroxyl, halogen, cyano, $-N(R^{14})(R^{15})$, C_{1-6} alkyl, C_{1-6} alkoxy, C_{1-6} haloalkyl, C_{1-6} haloalkoxy, C_{3-6} cycloalkyl, C_{3-6} cycloalkoxy, C_{3-6} halocycloalkyl, C_{3-6} halocycloalkoxy, C_{1-6} alkylhydroxyl, heterocycloalkyl, aryl, heteroaryl, $-S(O)_n(R^{16})$, or $-SF_5$; or R^3 and one R^{12} combine to form a cycloalkyl or heterocycloalkyl ring optionally substituted with halogen, C_{1-6} alkyl, or C_{3-6} cycloalkyl; or R^{10} and one R^{12} combine to form a cycloalkyl or heterocycloalkyl ring optionally substituted with

halogen, C_{1-6} alkyl, or C_{3-6} cycloalkyl; or R^{11} and one R^{12} combine to form a heterocycloalkyl ring optionally substituted with halogen, C_{1-6} alkyl, or C_{3-6} cycloalkyl;

R^{13} is hydrogen, C_{1-6} alkyl, C_{1-6} haloalkyl, C_{3-6} cycloalkyl, C_{3-6} halocycloalkyl, heterocycloalkyl, aryl or heteroaryl;

R^{14} and R^{15} are independently selected from hydrogen, C_{1-6} alkyl, C_{1-6} haloalkyl, C_{3-6} cycloalkyl, C_{3-6} halocycloalkyl, heterocycloalkyl, aryl or heteroaryl; or R^{14} and R^{15} combine to form a heterocycloalkyl ring optionally substituted with halogen, C_{1-6} alkyl, or C_{3-6} cycloalkyl;

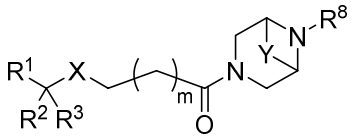
R^{16} is C_{1-6} alkyl, C_{1-6} haloalkyl, C_{3-6} cycloalkyl, C_{3-6} halocycloalkyl, heterocycloalkyl, aryl or heteroaryl;

m is 0 or 1;

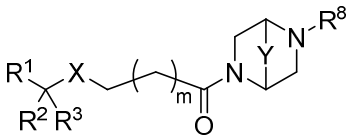
n is 0, 1, or 2; and

o is 0, 1, 2, or 3.

2. The compound of claim 1, or a pharmaceutically acceptable salt or solvate thereof, having the structure of **Formula** (**IIA**) or (**IIB**):



Formula (IIA)

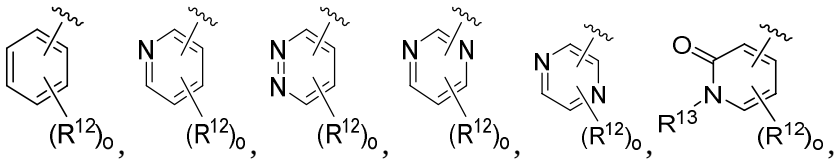
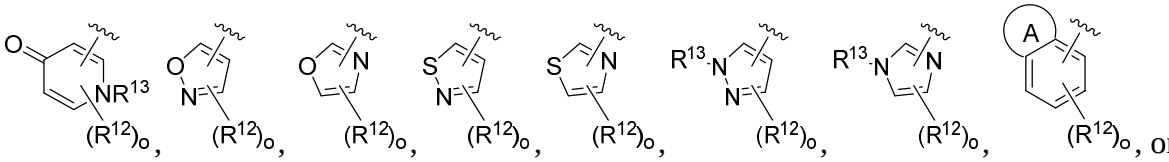
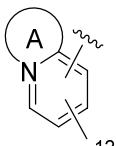


Formula (IIB)

wherein:

X is a bond, $-C(R^9)(R^{10})-$, $-N(R^{11})-$, $-O-$, $-S(O)_n-$, $-CH_2N(R^{11})-$, or $-CH_2O-$;

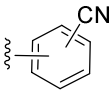
Y is a $-CH_2-$, $-CH_2CH_2-$, $-CH=CH-$, or $-CH_2OCH_2-$;

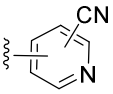
R^1 is , , or , wherein ring A is a 5- or 6-membered heteroaryl ring or a 5- or 6-membered heterocycloalkyl ring optionally substituted with halogen, cyano, $-N(R^{14})(R^{15})$, C_{1-6} alkyl, C_{1-}

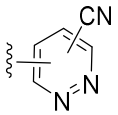
$_6$ alkoxy, C_{1-6} haloalkyl, C_{1-6} haloalkoxy, C_{3-6} cycloalkyl, C_{3-6} cycloalkoxy, C_{3-6} halocycloalkyl, C_{3-6} halocycloalkoxy, heterocycloalkyl, aryl, heteroaryl, $-S(O)_n(R^{16})$, or $-SF_5$, wherein the heteroaryl or heterocycloalkyl ring contains 1, 2 or 3 heteroatoms selected from the group consisting of O, N or S;

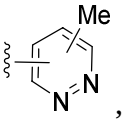
R^2 is hydrogen, deuterium, halogen, hydroxyl, C_{1-6} alkyl, C_{1-6} alkoxy, C_{1-6} haloalkyl, C_{1-6} haloalkoxy, C_{3-6} cycloalkyl, C_{3-6} cycloalkoxy, C_{3-6} halocycloalkyl, C_{3-6} halocycloalkoxy, C_{1-6} alkylhydroxyl, heterocycloalkyl, aryl or heteroaryl;

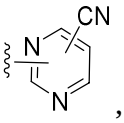
R^3 is halogen, C_{1-6} alkyl, C_{1-6} alkoxy, C_{1-6} haloalkyl, C_{1-6} haloalkoxy, C_{3-6} cycloalkyl, C_{3-6} cycloalkoxy, C_{3-6} halocycloalkyl, C_{3-6} halocycloalkoxy, C_{1-6} alkylhydroxyl, heterocycloalkyl, aryl or heteroaryl; or R^2 and R^3 combine to form a cycloalkyl or heterocycloalkyl ring optionally substituted with halogen, C_{1-6} alkyl, or C_{3-6} cycloalkyl;

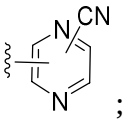
R^8 is 

, 

, 

, 

, 

, or 

;

R^9 and R^{10} are independently selected from hydrogen, deuterium, halogen, C_{1-6} alkyl, C_{1-6} alkoxy, C_{1-6} haloalkyl, C_{1-6} haloalkoxy, C_{3-6} cycloalkyl, C_{3-6} cycloalkoxy, C_{3-6} halocycloalkyl, C_{3-6} halocycloalkoxy, heterocycloalkyl, aryl or heteroaryl; or R^3 and R^{10} combine to form a cycloalkyl or heterocycloalkyl ring optionally substituted with halogen, C_{1-6} alkyl, or C_{3-6} cycloalkyl; or R^9 and R^{10} combine to form a cycloalkyl or heterocycloalkyl ring optionally substituted with halogen, C_{1-6} alkyl, or C_{3-6} cycloalkyl;

R^{11} is hydrogen, C_{1-6} alkyl, C_{1-6} haloalkyl, C_{3-6} cycloalkyl, C_{3-6} halocycloalkyl, heterocycloalkyl aryl or heteroaryl; or R^3 and R^{11} combine to form a heterocycloalkyl ring optionally substituted with halogen, C_{1-6} alkyl, or C_{3-6} cycloalkyl;

each R^{12} is independently selected from hydroxyl, halogen, cyano, $-N(R^{14})(R^{15})$, C_{1-6} alkyl, C_{1-6} alkoxy, C_{1-6} haloalkyl, C_{1-6} haloalkoxy, C_{3-6} cycloalkyl, C_{3-6} cycloalkoxy, C_{3-6} halocycloalkyl, C_{3-6} halocycloalkoxy, C_{1-6} alkylhydroxyl, heterocycloalkyl, aryl, heteroaryl, $-S(O)_n(R^{16})$, or $-SF_5$; or R^3 and one R^{12} combine to form a cycloalkyl or heterocycloalkyl ring optionally substituted with halogen, C_{1-6} alkyl, or C_{3-6} cycloalkyl; or R^{10} and one R^{12} combine to form a cycloalkyl or heterocycloalkyl ring optionally substituted with halogen, C_{1-6} alkyl, or C_{3-6} cycloalkyl; or R^{11} and one R^{12} combine to form a heterocycloalkyl ring optionally substituted with halogen, C_{1-6} alkyl, or C_{3-6} cycloalkyl;

R^{13} is hydrogen, C_{1-6} alkyl, C_{1-6} haloalkyl, C_{3-6} cycloalkyl, C_{3-6} halocycloalkyl, heterocycloalkyl, aryl or heteroaryl;

R^{14} and R^{15} are independently selected from hydrogen, C_{1-6} alkyl, C_{1-6} haloalkyl, C_{3-6} cycloalkyl, C_{3-6} halocycloalkyl, heterocycloalkyl, aryl or heteroaryl; or R^{14} and R^{15} combine to form a heterocycloalkyl ring optionally substituted with halogen, C_{1-6} alkyl, or C_{3-6} cycloalkyl;

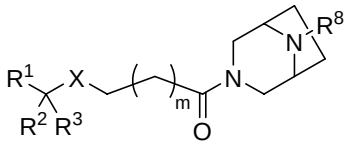
R^{16} is C_{1-6} alkyl, C_{1-6} haloalkyl, C_{3-6} cycloalkyl, C_{3-6} halocycloalkyl, heterocycloalkyl, aryl or heteroaryl;

m is 0 or 1;

n is 0, 1, or 2; and

o is 0, 1, 2, or 3.

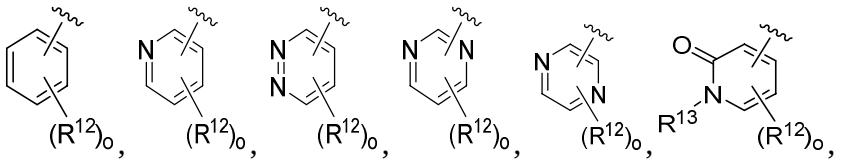
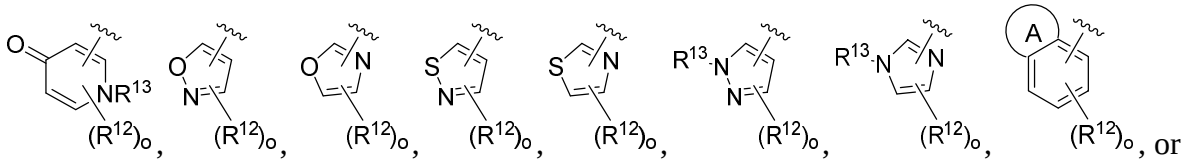
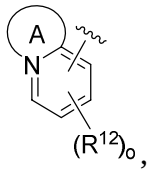
3. The compound of claim 1, or a pharmaceutically acceptable salt or solvate thereof, having the structure of **Formula** (**III**):



Formula (III)

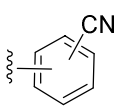
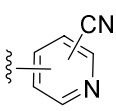
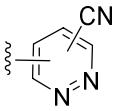
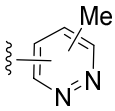
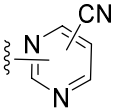
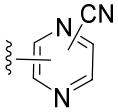
wherein:

X is a bond, $-C(R^9)(R^{10})-$, $-N(R^{11})-$, $-O-$, $-S(O)_n-$, $-CH_2N(R^{11})-$, or $-CH_2O-$;

R^1 is , , or , wherein ring A is a 5- or 6-membered heteroaryl ring or a 5- or 6-membered heterocycloalkyl ring optionally substituted with halogen, cyano, $-N(R^{14})(R^{15})$, C_{1-6} alkyl, C_{1-6} alkoxy, C_{1-6} haloalkyl, C_{1-6} haloalkoxy, C_{3-6} cycloalkyl, C_{3-6} cycloalkoxy, C_{3-6} halocycloalkyl, C_{3-6} halocycloalkoxy, heterocycloalkyl, aryl, heteroaryl, $-S(O)_n(R^{16})$, or $-SF_5$, wherein the heteroaryl or heterocycloalkyl ring contains 1, 2 or 3 heteroatoms selected from the group consisting of O, N or S;

R^2 is hydrogen, deuterium, halogen, hydroxyl, C_{1-6} alkyl, C_{1-6} alkoxy, C_{1-6} haloalkyl, C_{1-6} haloalkoxy, C_{3-6} cycloalkyl, C_{3-6} cycloalkoxy, C_{3-6} halocycloalkyl, C_{3-6} halocycloalkoxy, C_{1-6} alkylhydroxyl, heterocycloalkyl, aryl or heteroaryl;

R^3 is halogen, C_{1-6} alkyl, C_{1-6} alkoxy, C_{1-6} haloalkyl, C_{1-6} haloalkoxy, C_{3-6} cycloalkyl, C_{3-6} cycloalkoxy, C_{3-6} halocycloalkyl, C_{3-6} halocycloalkoxy, C_{1-6} alkylhydroxyl, heterocycloalkyl, aryl or heteroaryl; or R^2 and R^3 combine to form a cycloalkyl or heterocycloalkyl ring optionally substituted with halogen, C_{1-6} alkyl, or C_{3-6} cycloalkyl;

R^8 is , , , , , or ;

R^9 and R^{10} are independently selected from hydrogen, deuterium, halogen, C_{1-6} alkyl, C_{1-6} alkoxy, C_{1-6} haloalkyl, C_{1-6} haloalkoxy, C_{3-6} cycloalkyl, C_{3-6} cycloalkoxy, C_{3-6} halocycloalkyl, C_{3-6} halocycloalkoxy, heterocycloalkyl, aryl or heteroaryl; or R^3 and R^{10} combine to form a cycloalkyl or heterocycloalkyl ring optionally substituted with halogen, C_{1-6} alkyl, or C_{3-6} cycloalkyl; or R^9 and R^{10} combine to form a cycloalkyl or heterocycloalkyl ring optionally substituted with halogen, C_{1-6} alkyl, or C_{3-6} cycloalkyl;

R^{11} is hydrogen, C_{1-6} alkyl, C_{1-6} haloalkyl, C_{3-6} cycloalkyl, C_{3-6} halocycloalkyl, heterocycloalkyl aryl or heteroaryl; or R^3 and R^{11} combine to form a heterocycloalkyl ring optionally substituted with halogen, C_{1-6} alkyl, or C_{3-6} cycloalkyl;

each R^{12} is independently selected from hydroxyl, halogen, cyano, $-N(R^{14})(R^{15})$, C_{1-6} alkyl, C_{1-6} alkoxy, C_{1-6} haloalkyl, C_{1-6} haloalkoxy, C_{3-6} cycloalkyl, C_{3-6} cycloalkoxy, C_{3-6} halocycloalkyl, C_{3-6} halocycloalkoxy, C_{1-6} alkylhydroxyl, heterocycloalkyl, aryl, heteroaryl, $-S(O)_n(R^{16})$, or $-SF_5$; or R^3 and one R^{12} combine to form a cycloalkyl or heterocycloalkyl ring optionally substituted with halogen, C_{1-6} alkyl, or C_{3-6} cycloalkyl; or R^{10} and one R^{12} combine to form a cycloalkyl or heterocycloalkyl ring optionally substituted with halogen, C_{1-6} alkyl, or C_{3-6} cycloalkyl; or R^{11} and one R^{12} combine to form a heterocycloalkyl ring optionally substituted with halogen, C_{1-6} alkyl, or C_{3-6} cycloalkyl;

R^{13} is hydrogen, C_{1-6} alkyl, C_{1-6} haloalkyl, C_{3-6} cycloalkyl, C_{3-6} halocycloalkyl, heterocycloalkyl, aryl or heteroaryl;

R^{14} and R^{15} are independently selected from hydrogen, C_{1-6} alkyl, C_{1-6} haloalkyl, C_{3-6} cycloalkyl, C_{3-6} halocycloalkyl, heterocycloalkyl, aryl or heteroaryl; or R^{14} and R^{15} combine to form a heterocycloalkyl ring optionally substituted with halogen, C_{1-6} alkyl, or C_{3-6} cycloalkyl;

R^{16} is C_{1-6} alkyl, C_{1-6} haloalkyl, C_{3-6} cycloalkyl, C_{3-6} halocycloalkyl, heterocycloalkyl, aryl or heteroaryl;

m is 0 or 1;

n is 0, 1, or 2; and

o is 0, 1, 2, or 3.

4. The compound of claim 1, or a pharmaceutically acceptable salt or solvate thereof, wherein X is a bond.

5. The compound of claim 1, or a pharmaceutically acceptable salt or solvate thereof, wherein X is -C(R^9)(R^{10})-.

6. The compound of claim 1, or a pharmaceutically acceptable salt or solvate thereof, wherein X is -N(R^{11})-.

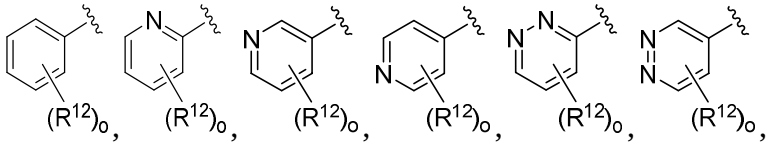
7. The compound of claim 1, or a pharmaceutically acceptable salt or solvate thereof, wherein X is -O-.

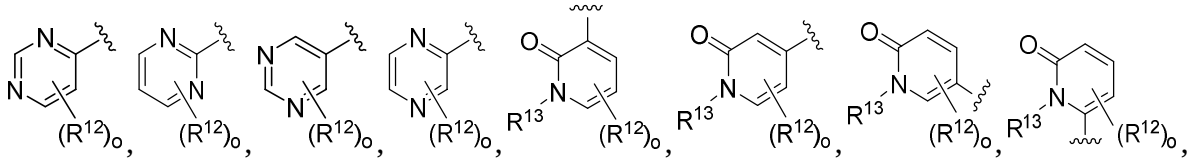
8. The compound of claim 1, or a pharmaceutically acceptable salt or solvate thereof, wherein X is -S-.

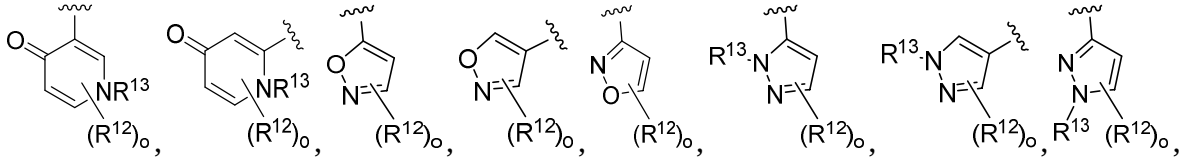
9. The compound of claim 1, or a pharmaceutically acceptable salt or solvate thereof, wherein X is -S(O)-.

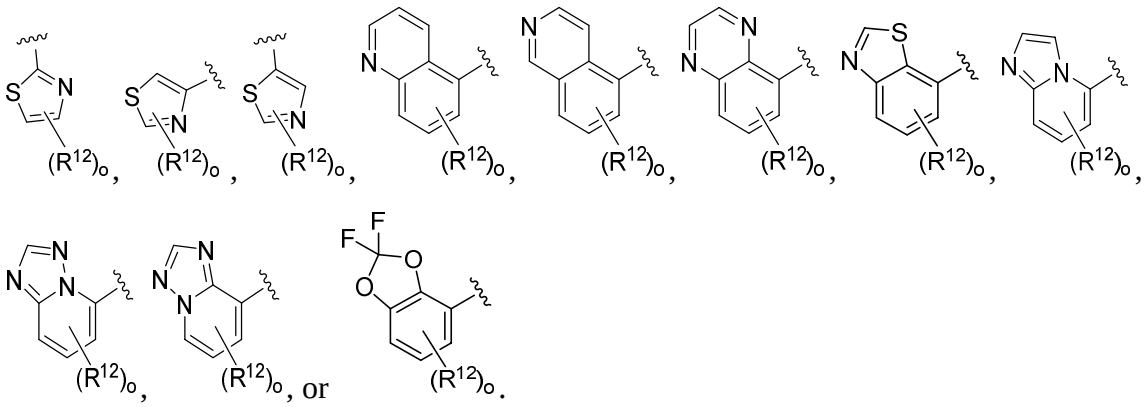
10. The compound of claim 1, or a pharmaceutically acceptable salt or solvate thereof, wherein X is -S(O)$_2$-.

11. The compound of claim 1, or a pharmaceutically acceptable salt or solvate thereof, wherein R^1 is









, or .

12. The compound of claim 1, or a pharmaceutically acceptable salt or solvate thereof, wherein R^2 is hydrogen, -F, $-CH_3$, $-CH_2CH_3$, $-CF_2H$, $-CF_3$, $-CH_2OH$, $-C(CH_3)_2OH$, phenyl, or cyclopropyl.

13. The compound of claim 1, or a pharmaceutically acceptable salt or solvate thereof, wherein R^3 is -F, $-CH_3$, $-CH_2CH_3$, $-CF_2H$, $-CF_3$, $-CH_2OH$, $-C(CH_3)_2OH$, phenyl, or cyclopropyl.

14. The compound of claim 1, or a pharmaceutically acceptable salt or solvate thereof, wherein R^2 and R^3 combine to form a cyclopropyl, cyclobutyl, or cyclopentyl ring.

15. The compound of claim 1, or a pharmaceutically acceptable salt or solvate thereof, wherein R^2 and R^3 combine to form an oxetanyl or tetrahydrofuranyl ring.

16. The compound of claim 1, or a pharmaceutically acceptable salt or solvate thereof, wherein m is 0.

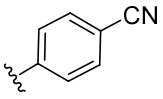
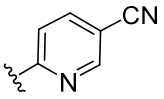
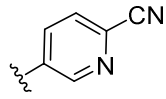
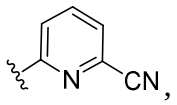
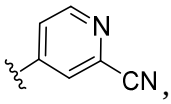
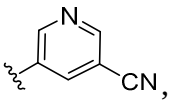
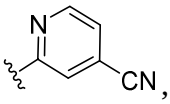
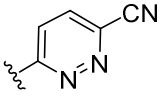
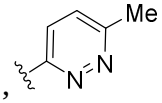
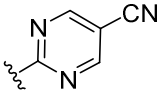
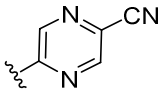
17. The compound of claim 1, or a pharmaceutically acceptable salt or solvate thereof, wherein m is 1.

18. The compound of claim 1, or a pharmaceutically acceptable salt or solvate thereof, wherein o is 0.

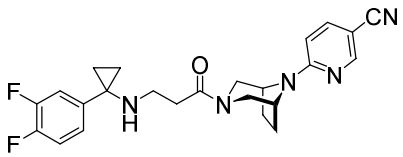
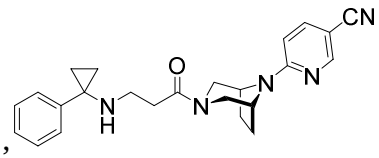
19. The compound of claim 1, or a pharmaceutically acceptable salt or solvate thereof, wherein o is 1.

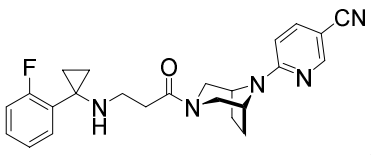
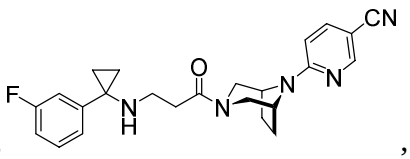
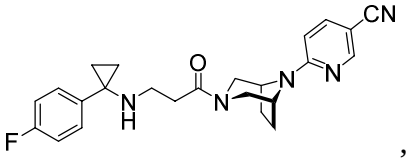
20. The compound of claim 1, or a pharmaceutically acceptable salt or solvate thereof, wherein o is 2.

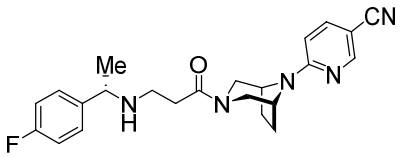
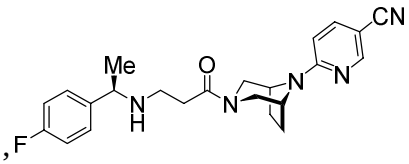
21. The compound of claim 1, or a pharmaceutically acceptable salt or solvate thereof, wherein o is 3.

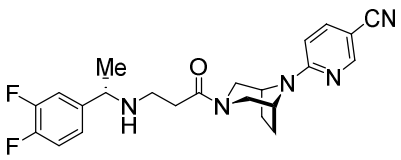
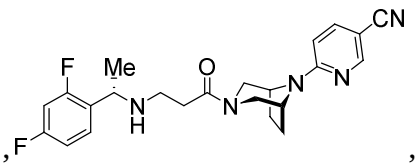
22. The compound of claim 1, or a pharmaceutically acceptable salt or solvate thereof, wherein R^8 is , , , , , , , , , , or .

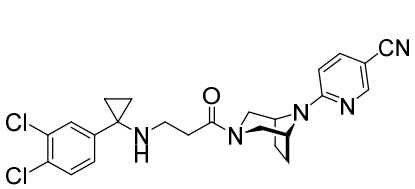
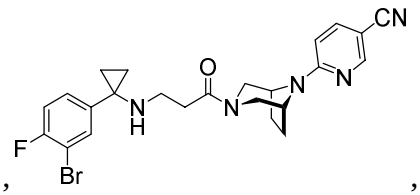
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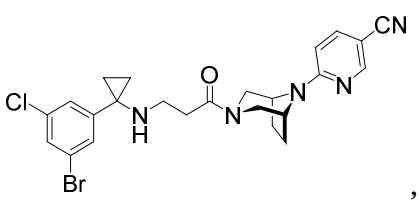
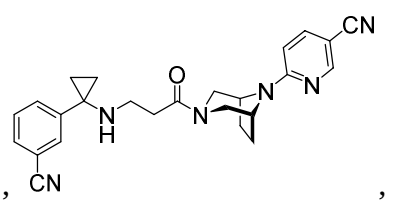
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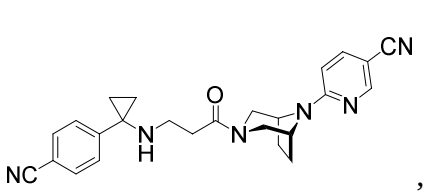
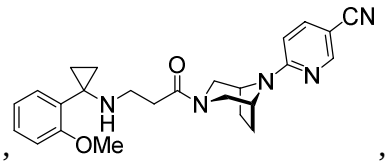
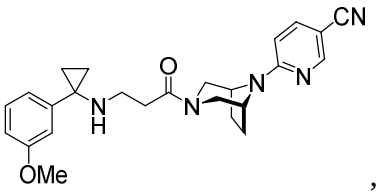
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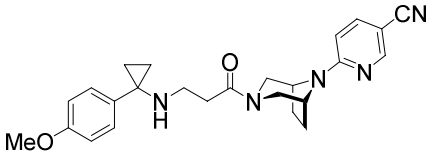
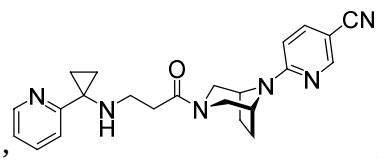
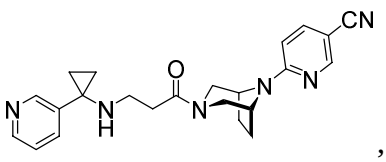
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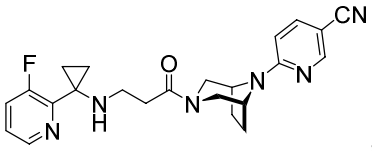
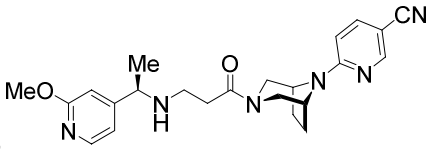
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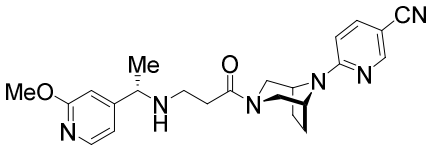
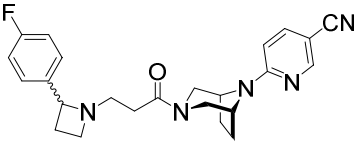
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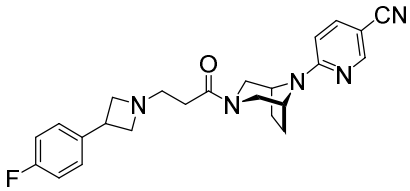
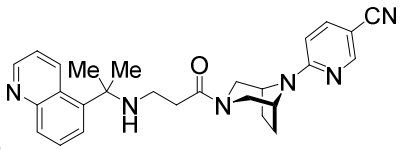
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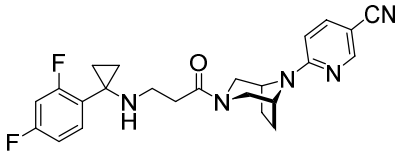
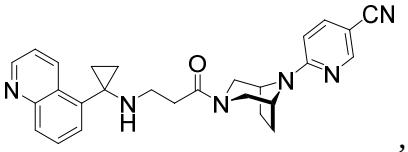
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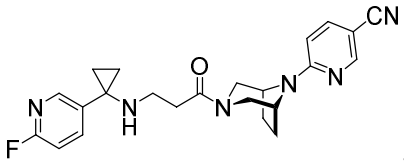
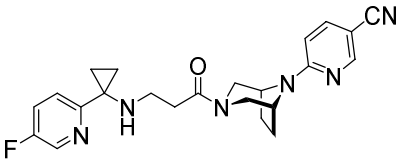
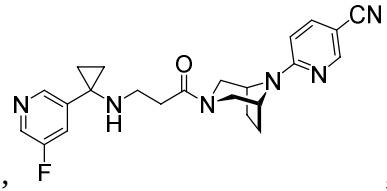
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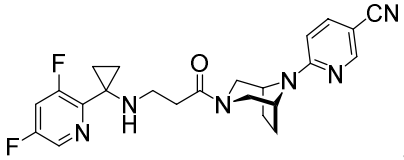
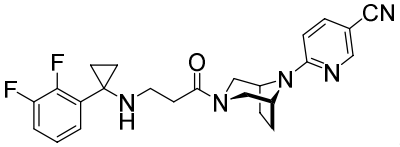
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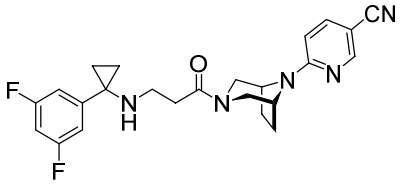
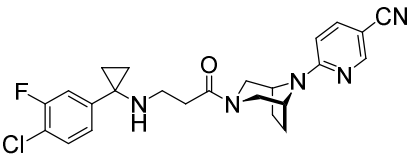
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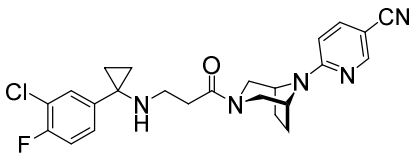
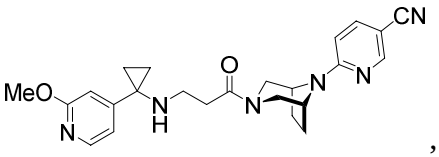
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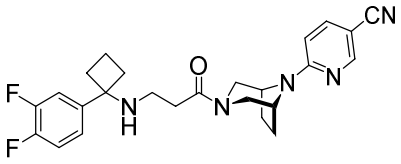
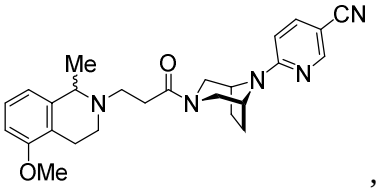
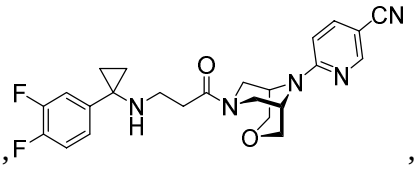
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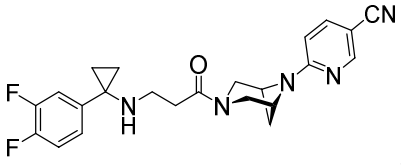
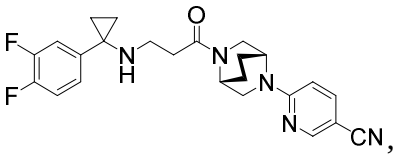
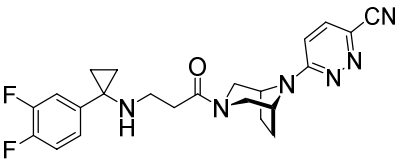
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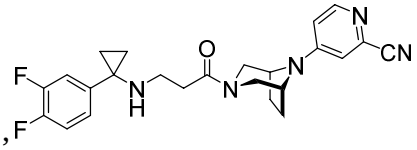
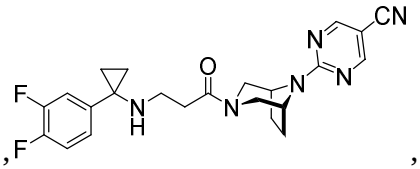
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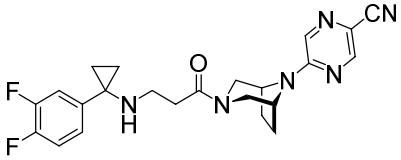
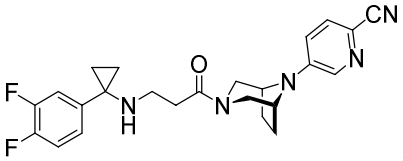
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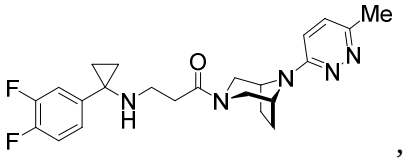
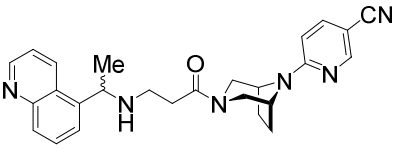
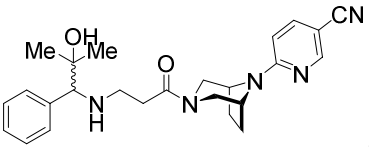
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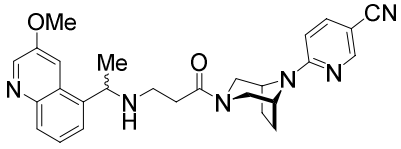
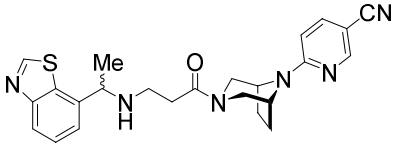
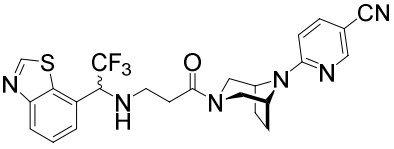
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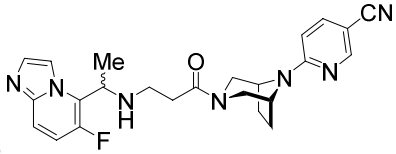
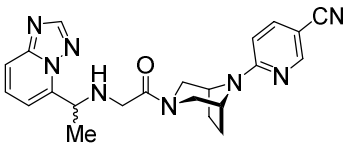
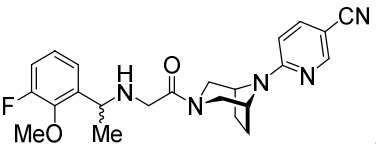
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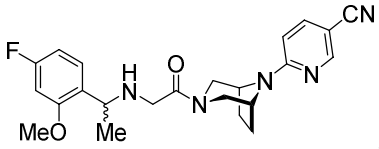
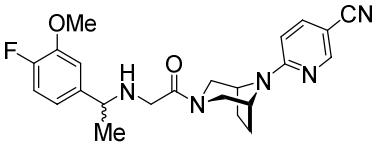
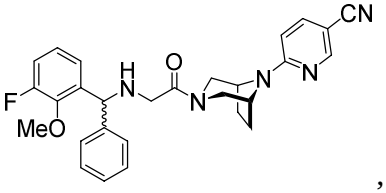
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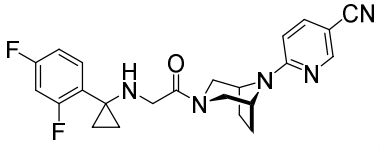
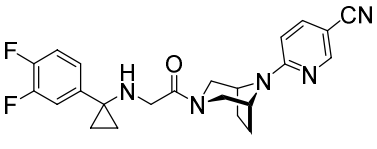
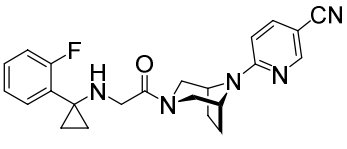
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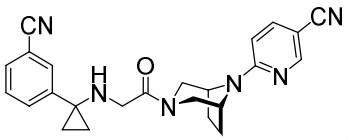
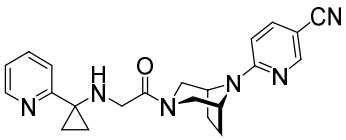
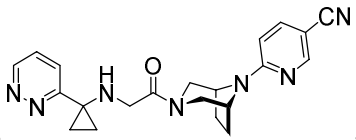
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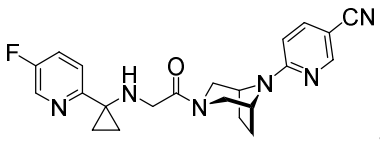
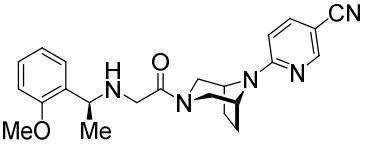
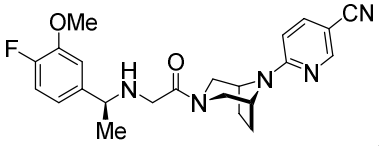
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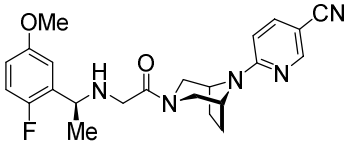
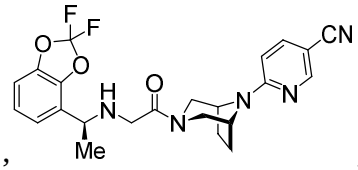
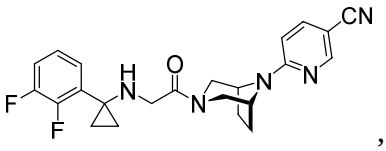
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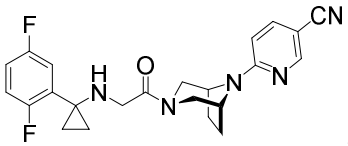
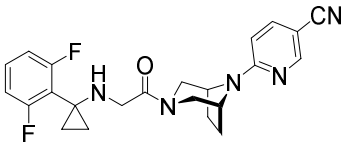
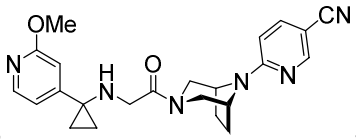
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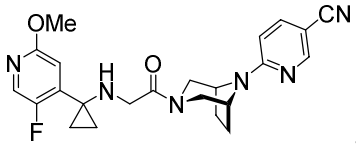
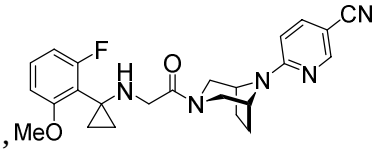
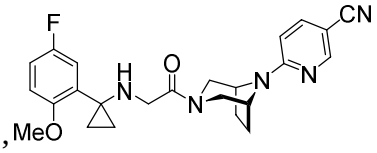
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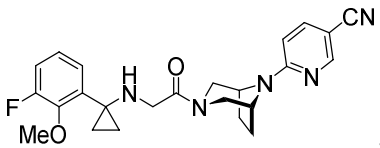
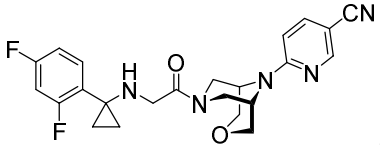
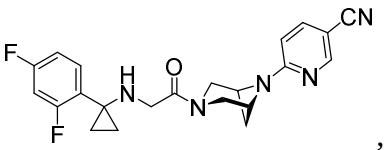
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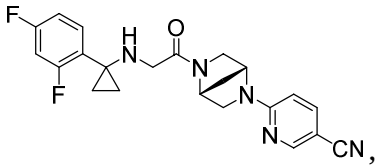
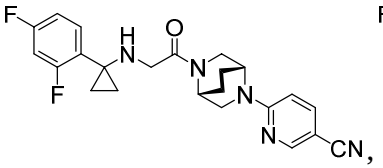
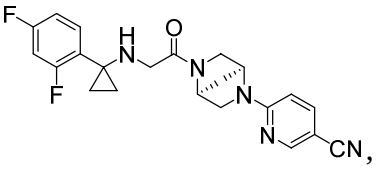
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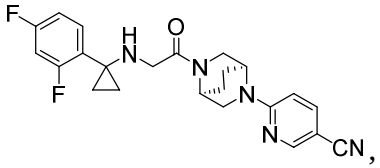
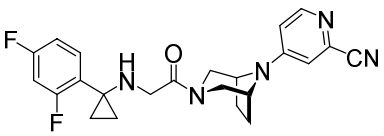
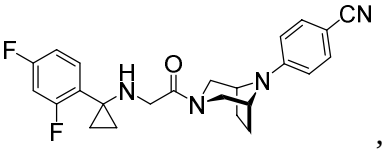
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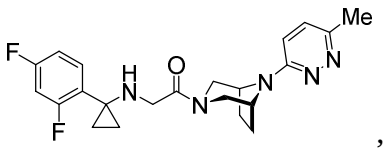
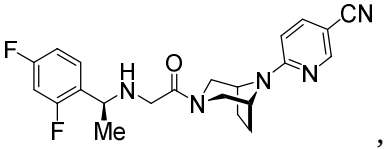
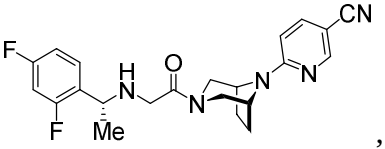
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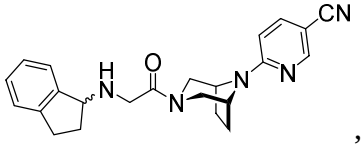
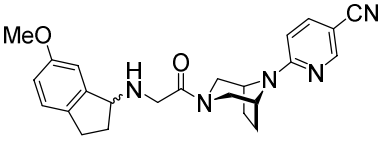
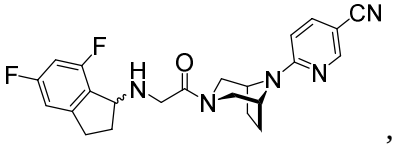
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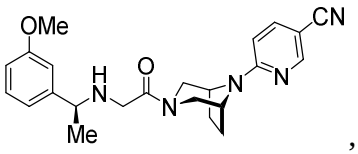
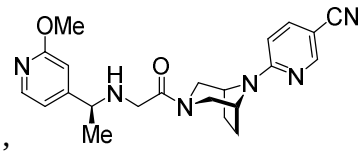
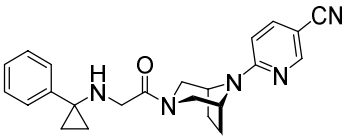
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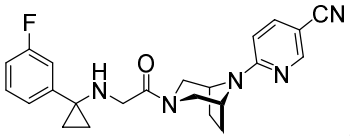
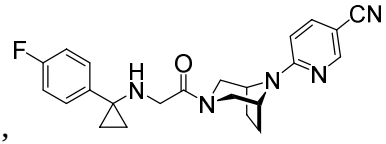
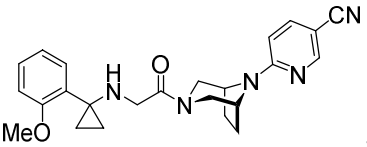
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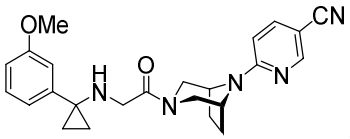
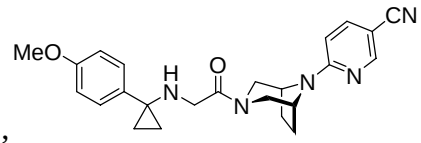
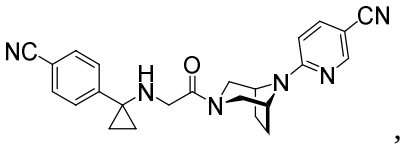
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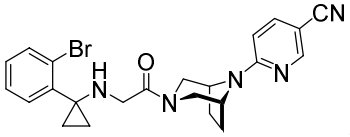
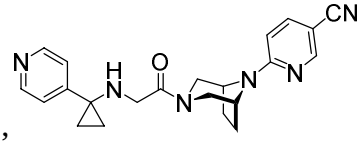
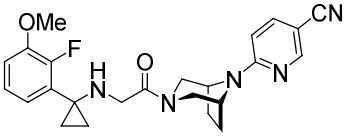
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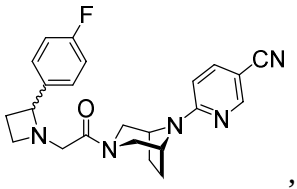
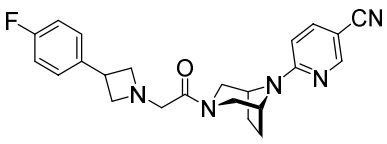
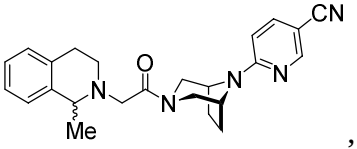
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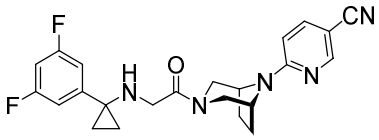
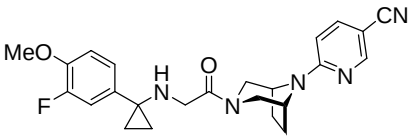
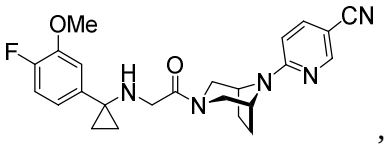
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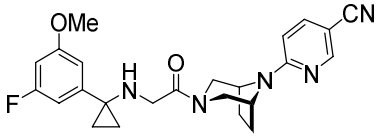
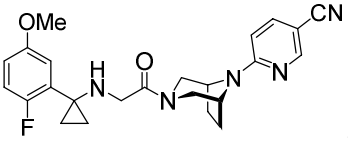
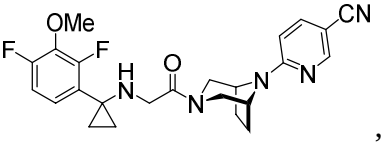
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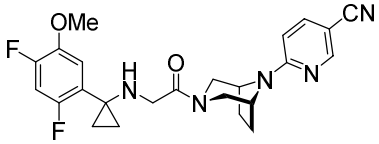
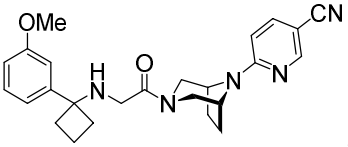
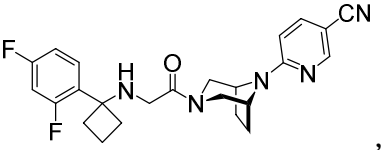
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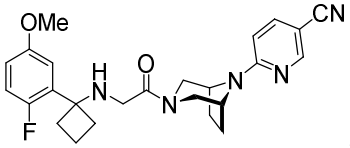
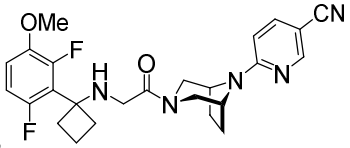
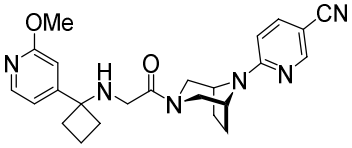
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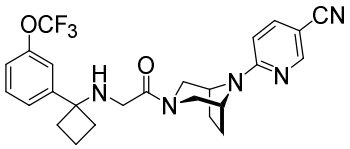
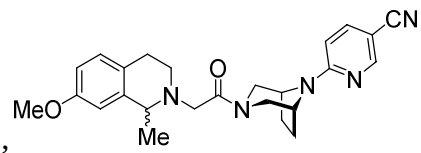
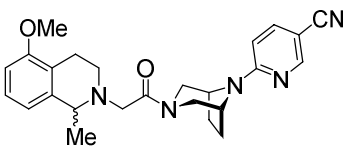
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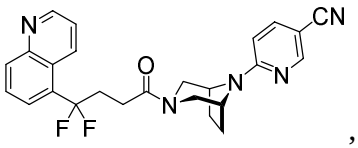
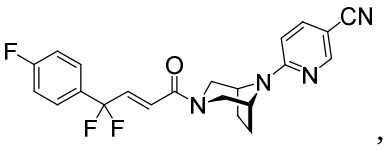
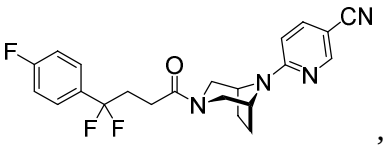
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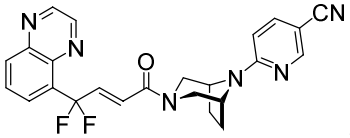
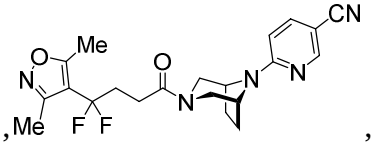
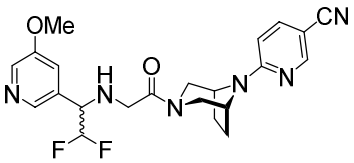
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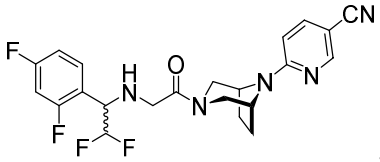
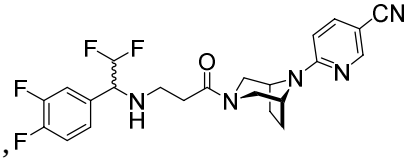
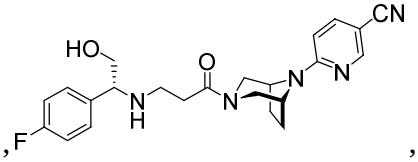
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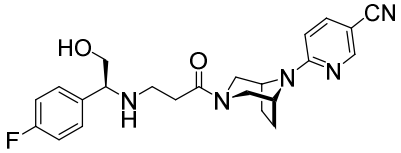
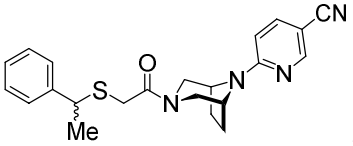
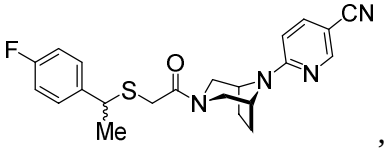
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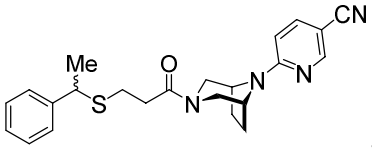
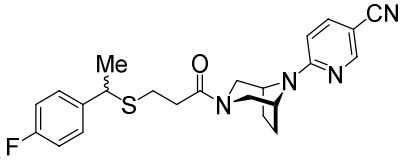
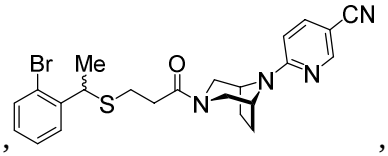
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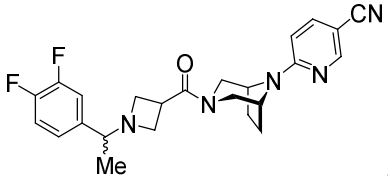
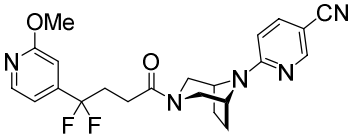
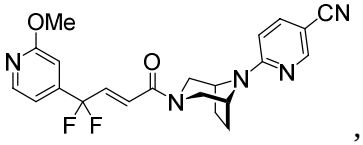
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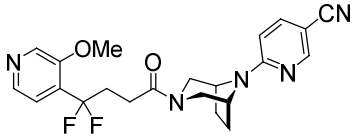
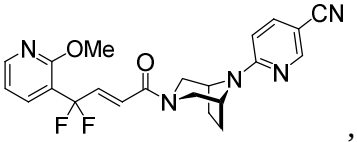
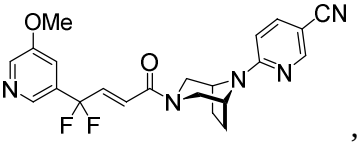
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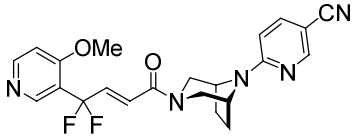
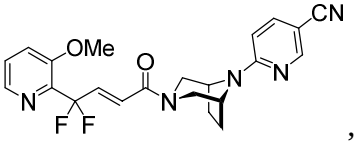
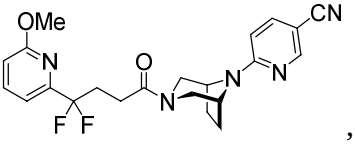
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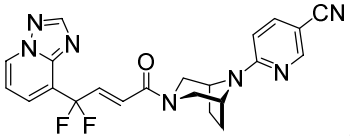
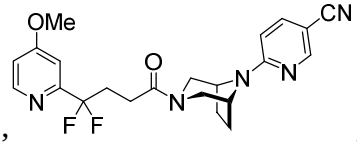
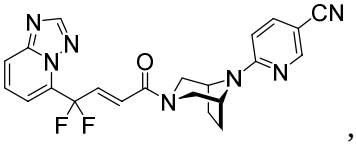
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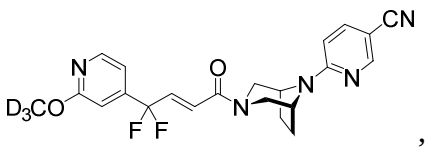
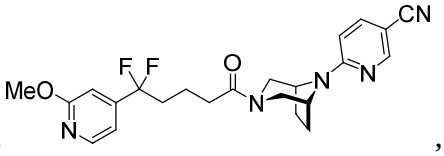
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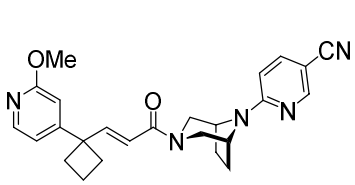
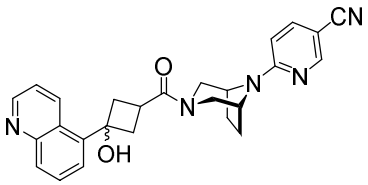
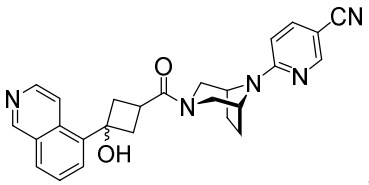
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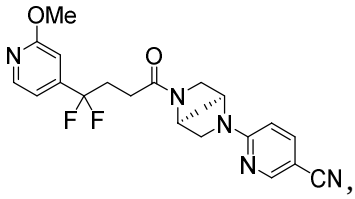
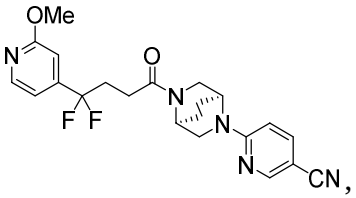
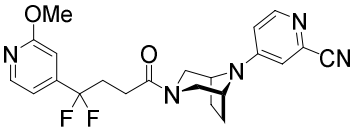
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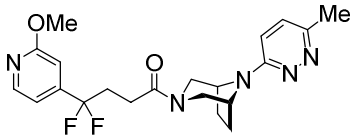
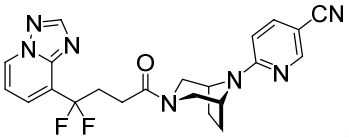
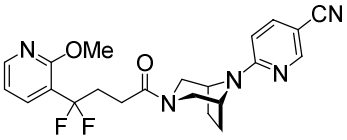
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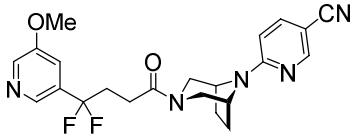
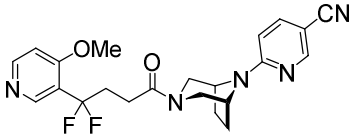
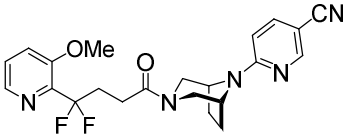
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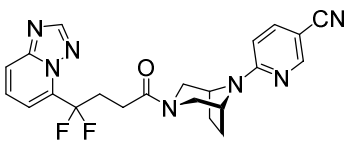
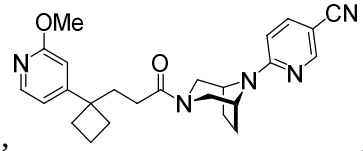
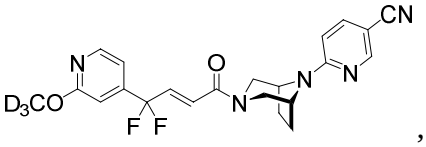
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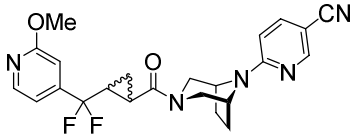
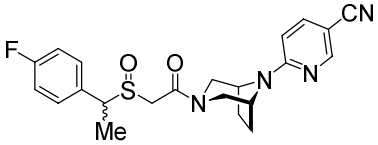
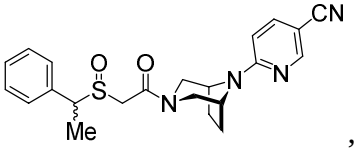
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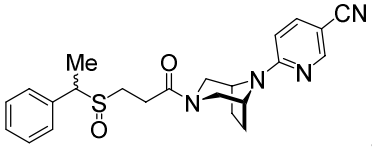
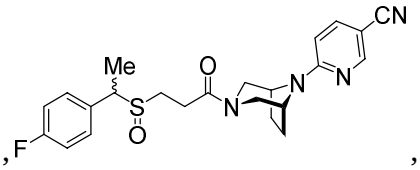
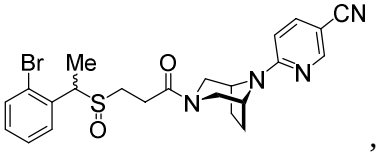
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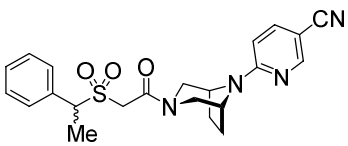
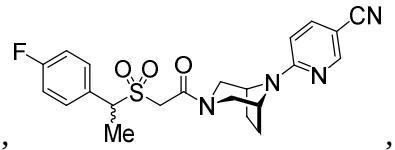
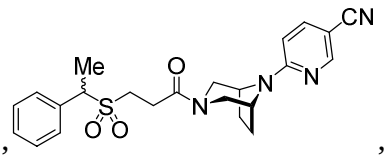
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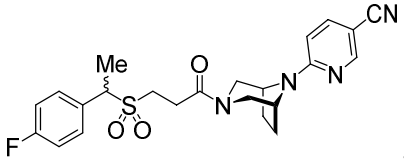
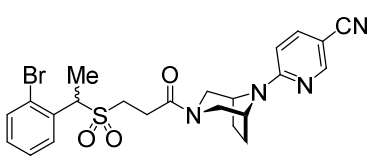
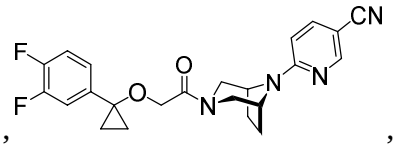
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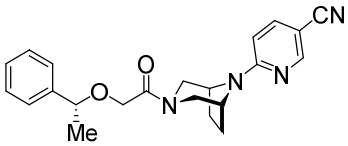
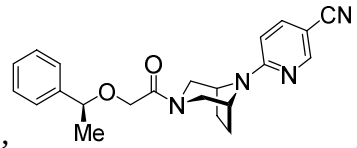
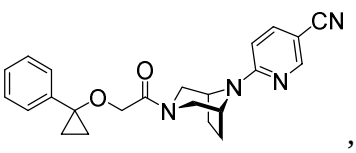
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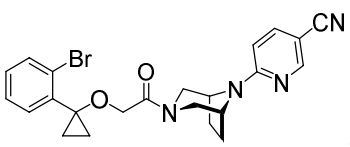
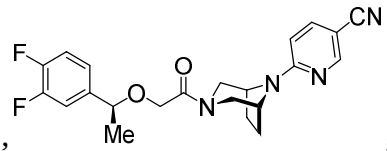
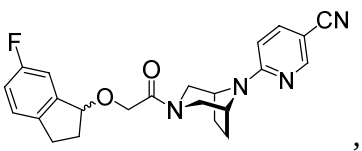
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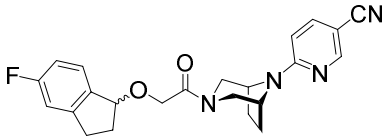
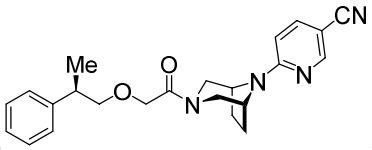
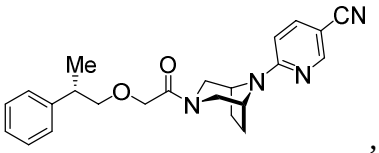
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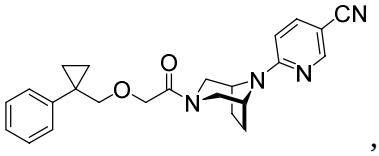
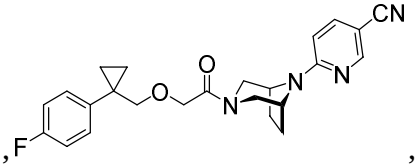
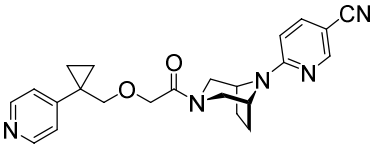
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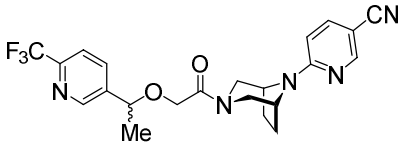
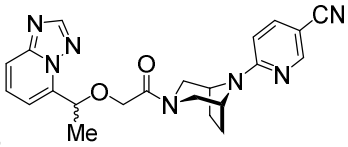
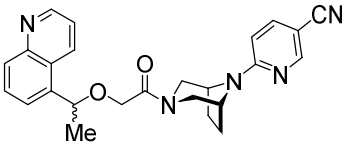
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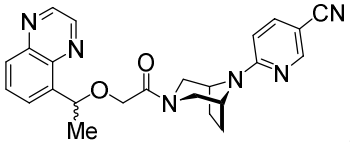
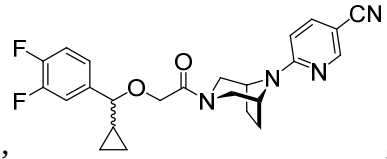
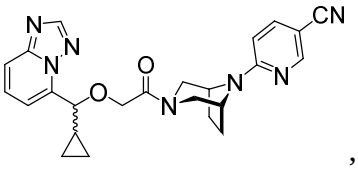
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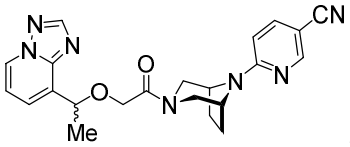
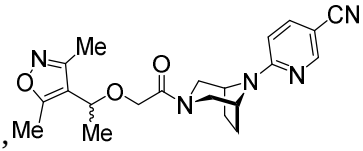
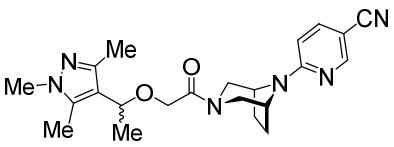
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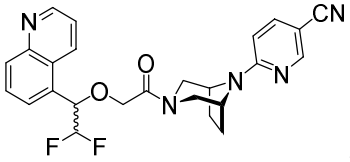
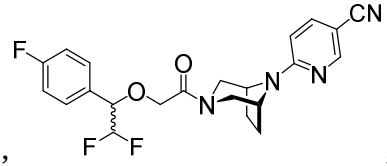
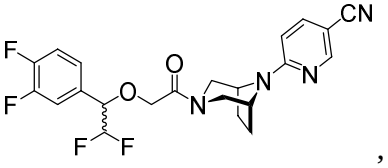
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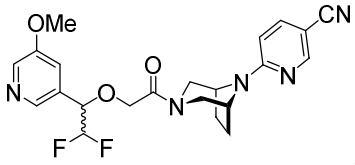
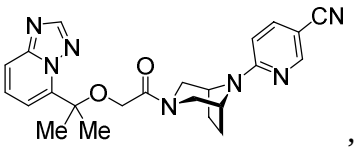
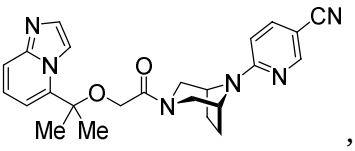
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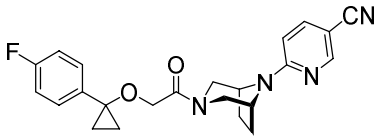
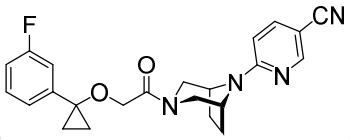
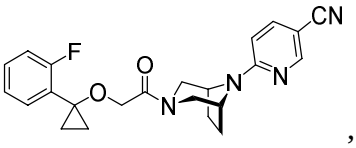
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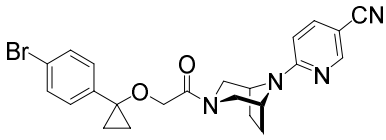
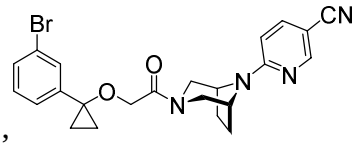
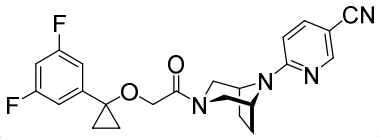
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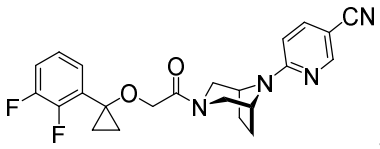
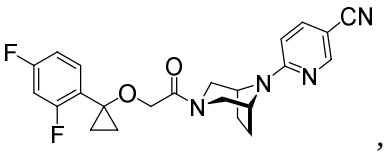
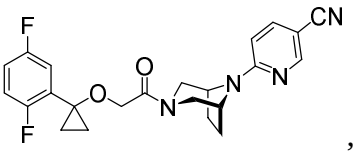
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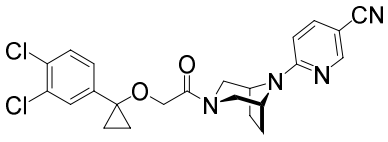
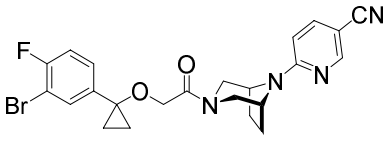
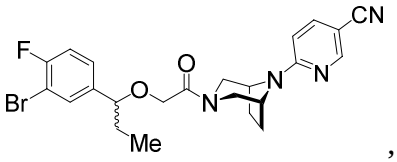
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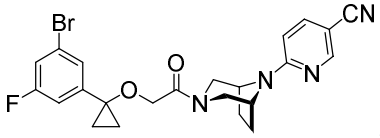
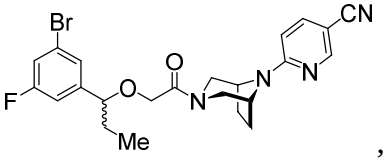
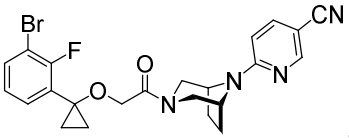
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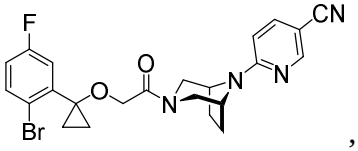
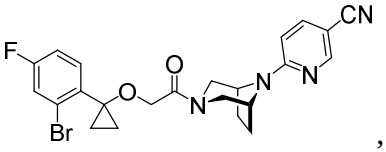
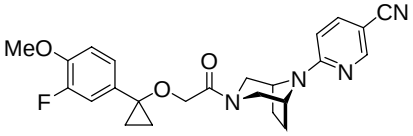
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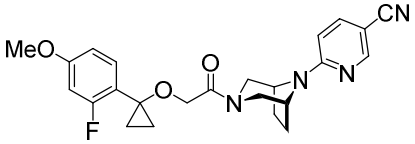
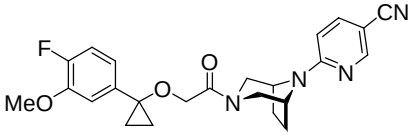
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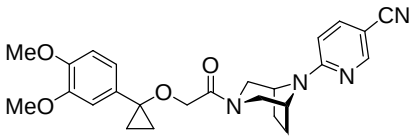
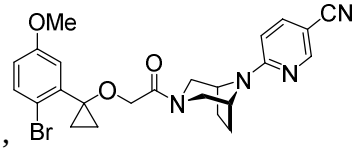
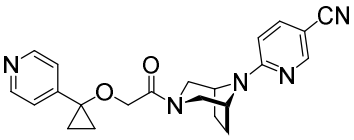
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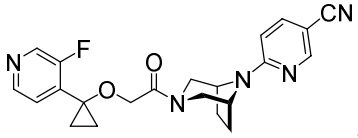
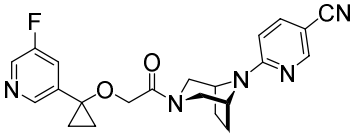
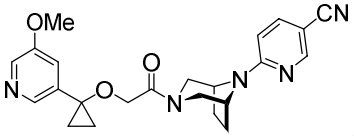
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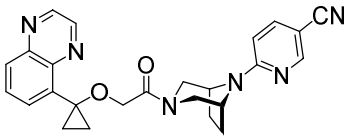
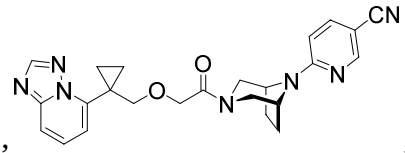
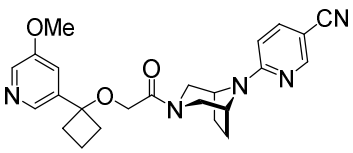
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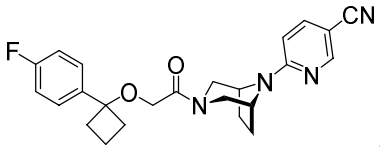
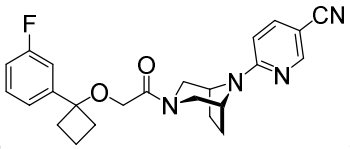
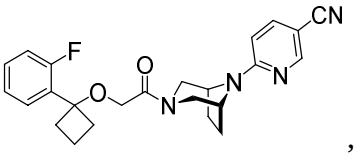
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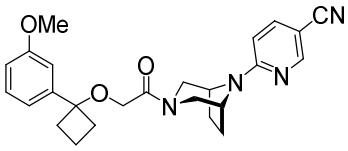
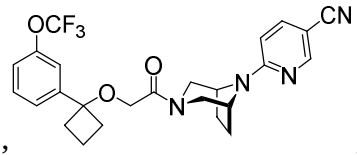
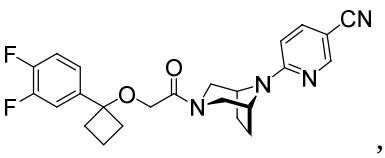
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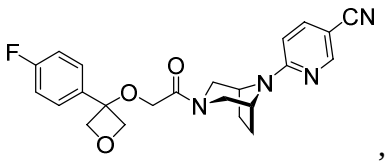
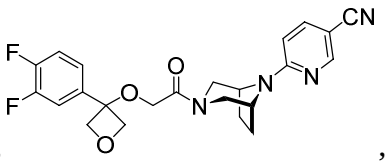
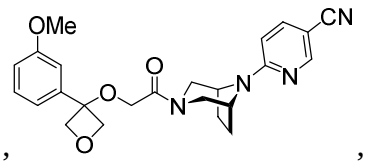
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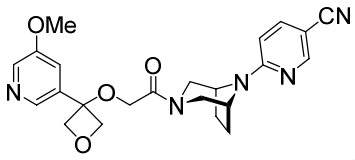
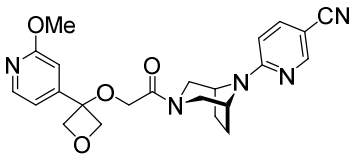
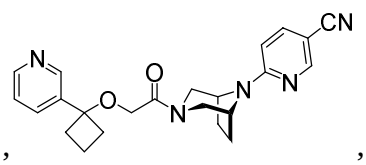
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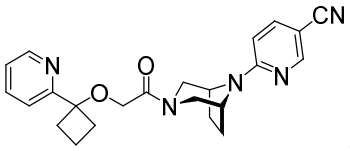
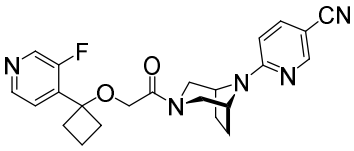
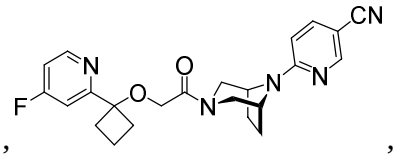
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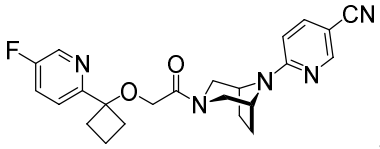
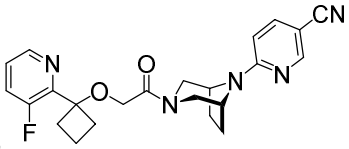
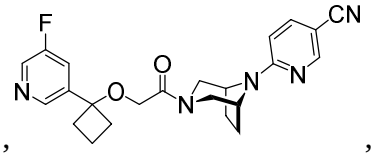
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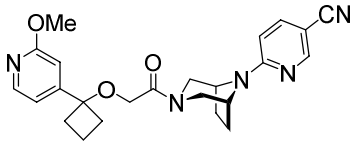
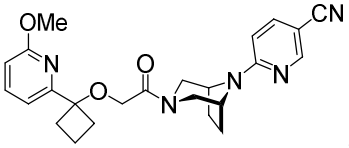
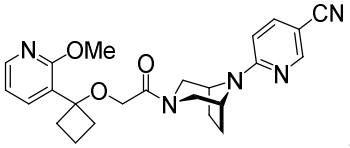
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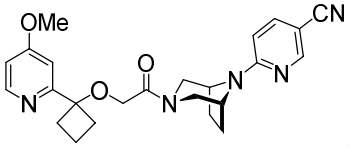
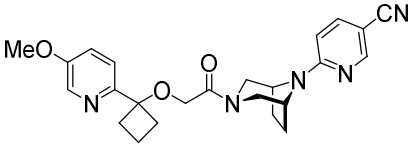
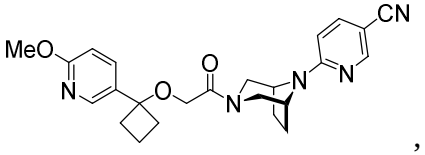
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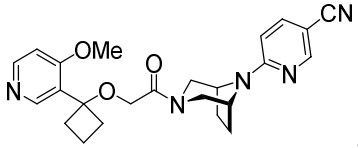
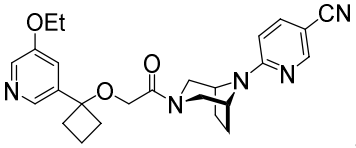
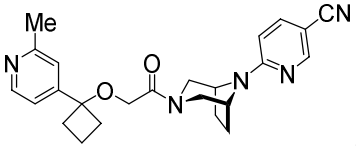
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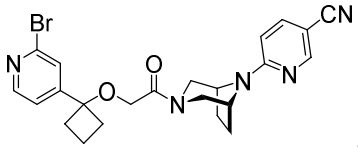
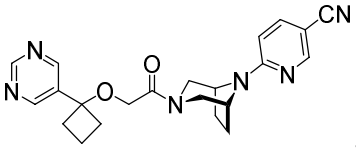
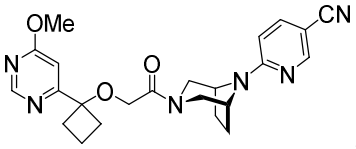
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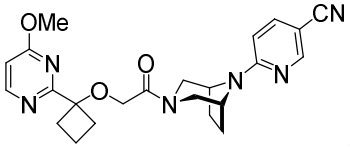
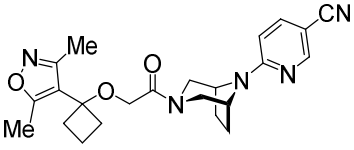
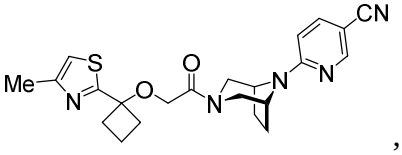
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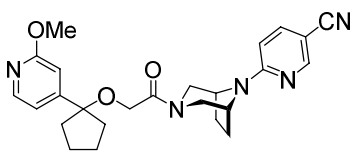
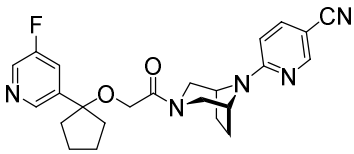
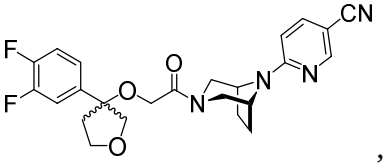
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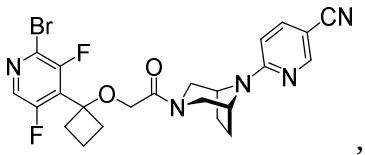
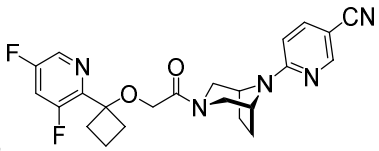
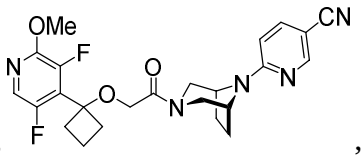
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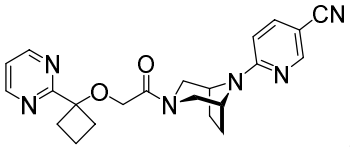
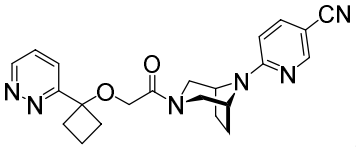
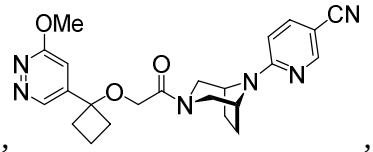
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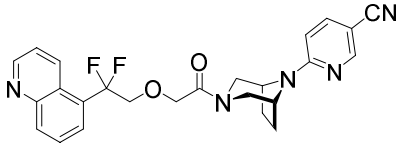
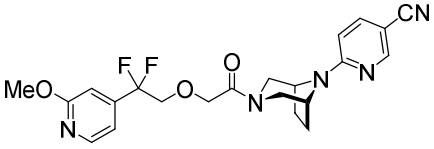
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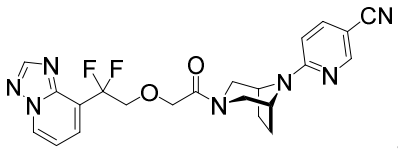
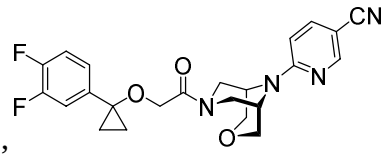
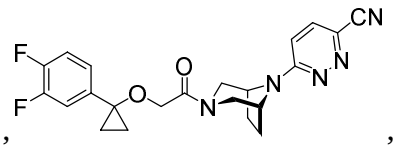
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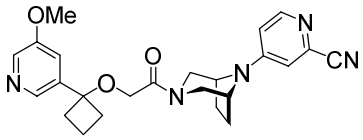
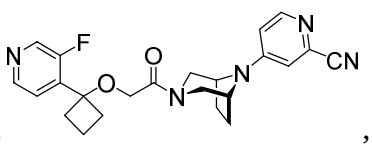
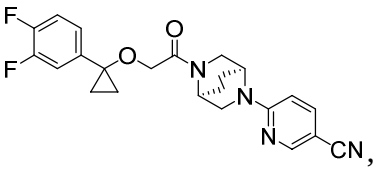
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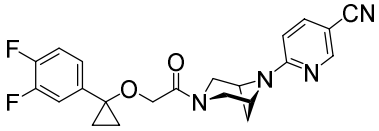
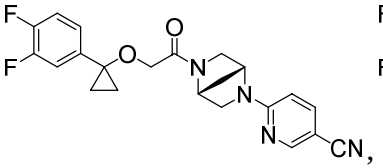
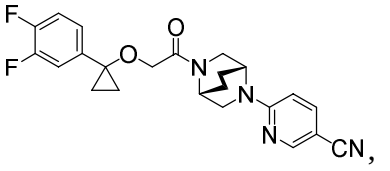
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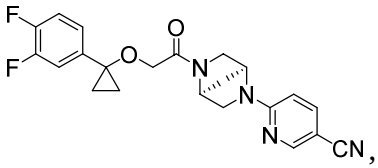
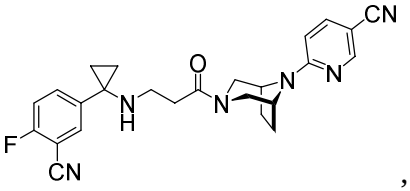
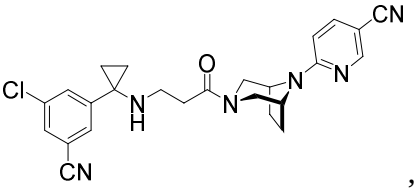
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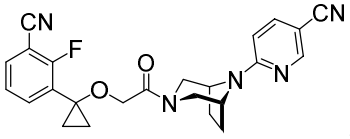
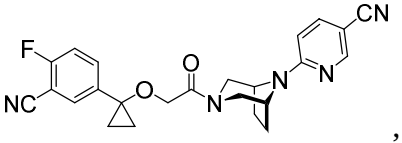
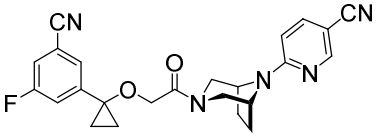
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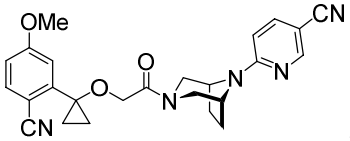
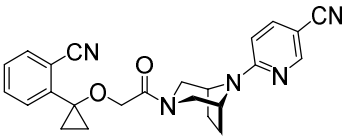
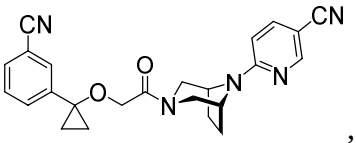
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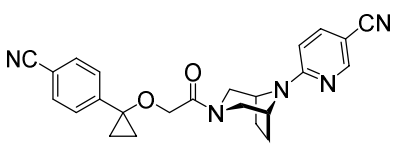
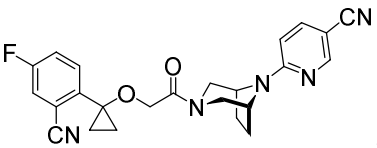
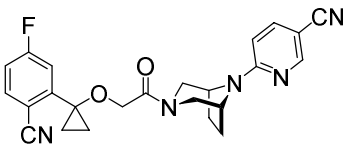
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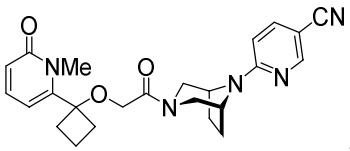
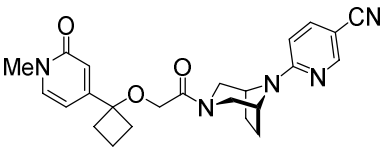
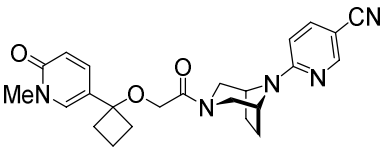
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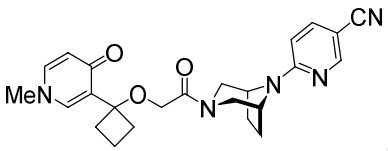
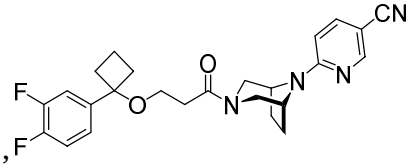
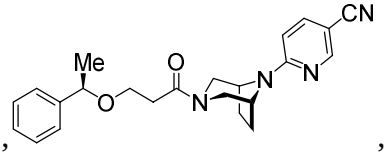
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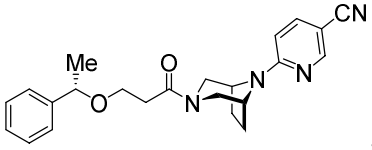
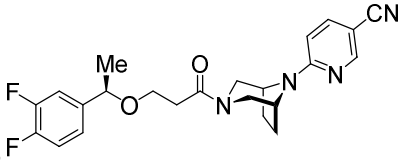
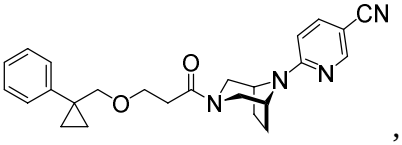
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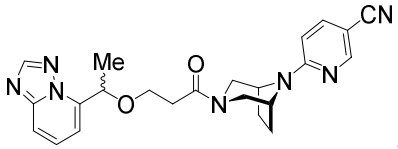
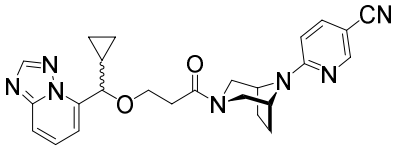
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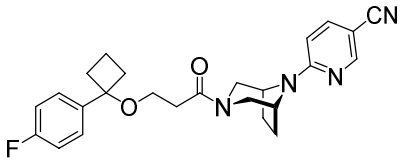
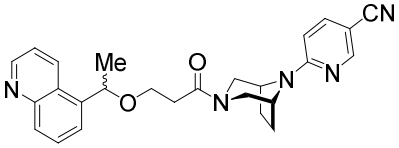
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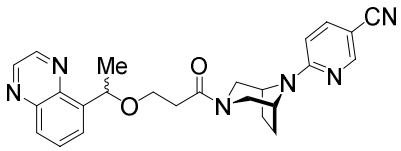
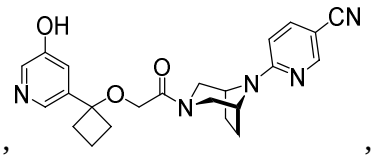
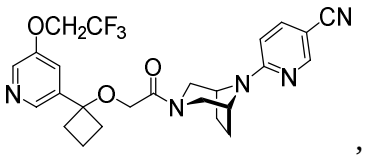
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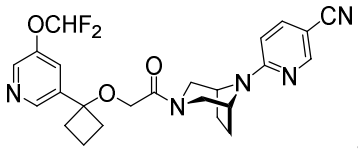
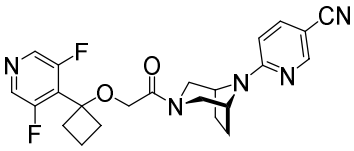
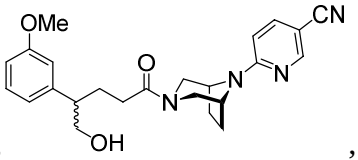
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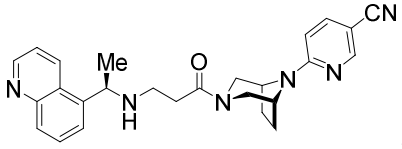
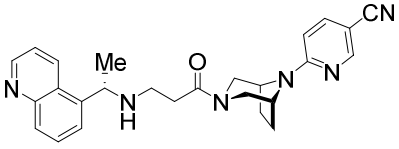
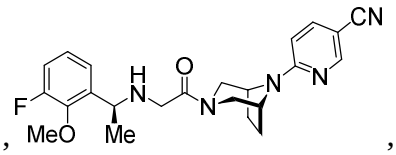
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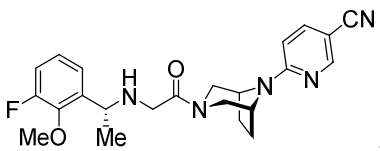
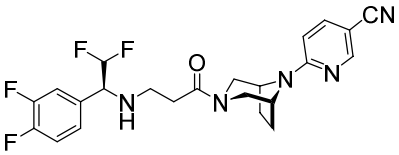
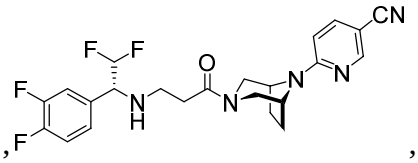
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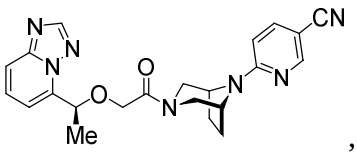
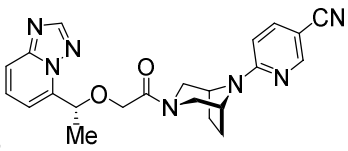
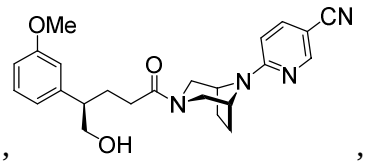
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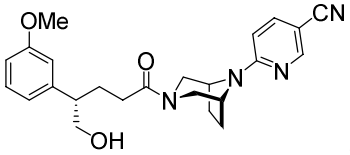
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, and


; or a pharmaceutical acceptable salt thereof.

24. A pharmaceutical composition comprising a compound of any one of claims 1-23, or a pharmaceutically acceptable salt or solvate thereof, and at least one pharmaceutically acceptable excipient.

25. The compound of any one of claims 1-23, or a pharmaceutically acceptable salt or solvate thereof, for use in therapy.

26. ~~A method of treating a neurodegenerative disorder in a subject in need thereof, comprising administering to the subject a therapeutically effective amount of a~~ Use of the compound of any one of claims 1-23, or a pharmaceutically acceptable salt or solvate thereof, in the manufacture of a medicament for the treatment of a neurodegenerative disorder in a subject in need thereof, wherein a therapeutically effective amount of the compound, or the pharmaceutically acceptable salt or solvate thereof, is to be administered to the subject.

~~26~~27. The ~~method~~ use of claim ~~25~~26, ~~further comprising the administration of~~ wherein one or more immunomodulatory agents is to be administered.

~~27~~28. The ~~method~~ use of claim ~~26~~27, wherein the one or more immunomodulatory agents are selected from: an IFN-β 1 molecule; a corticosteroid; a polymer of glutamic acid, lysine, alanine and tyrosine or glatiramer; an antibody or fragment thereof against alpha-4 integrin or natalizumab; an anthracenedione molecule or mitoxantrone; a fingolimod or FTY720 or other S1P1 functional modulator; a dimethyl fumarate or other NRF2 functional modulator; an antibody to the alpha subunit of the IL-2 receptor of T cells (CD25) or daclizumab; an antibody against CD52 or alemtuzumab; an antibody against CD20 or ocrelizumab; and an inhibitor of a dihydroorotate dehydrogenase or teriflunomide.

~~28~~29. ~~A method of treating a demyelinating disease in a subject in need thereof, comprising administering to the subject a therapeutically effective amount of a~~ Use

of the compound of any one of claims 1-23, or a pharmaceutically acceptable salt or solvate thereof, in the manufacture of a medicament for the treatment of a demyelinating disease in a subject in need thereof, wherein a therapeutically effective amount of the compound, or the pharmaceutically acceptable salt or solvate thereof, is to be administered to the subject.

~~29~~30. The ~~method~~ use of claim ~~28~~ 29, wherein the demyelinating disease is a demyelinating disease of the central nervous system.

~~30~~31. The ~~method~~ use of claim ~~29~~ 30, wherein the demyelinating disease is multiple sclerosis.

~~31~~32. The ~~method~~ use of claim ~~28~~ 29, wherein the demyelinating disease is a demyelinating disease of the peripheral nervous system.

~~32~~33. The ~~method~~ use of claim ~~28~~ 29, ~~further comprising the administration of~~ wherein one or more immunomodulatory agents is to be administered.

~~33~~34. The ~~method~~ use of claim ~~32~~ 33, wherein the one or more immunomodulatory agents are selected from: an IFN-β 1 molecule; a corticosteroid; a polymer of glutamic acid, lysine, alanine and tyrosine or glatiramer; an antibody or fragment thereof against alpha-4 integrin or natalizumab; an anthracenedione molecule or mitoxantrone; a fingolimod or FTY720 or other S1P1 functional modulator; a dimethyl fumarate or other NRF2 functional modulator; an antibody to the alpha subunit of the IL-2 receptor of T cells (CD25) or daclizumab; an antibody against CD52 or alemtuzumab; an antibody against CD20 or ocrelizumab; and an inhibitor of a dihydroorotate dehydrogenase or teriflunomide.

~~34~~35. ~~A method of treating a neuropathic disease, optionally a peripheral neuropathy, in a subject in need thereof, comprising administering to the subject a therapeutically effective amount of a~~ Use of the compound of any one of claims 1-23, or a pharmaceutically acceptable salt or solvate thereof, in the manufacture of a medicament for the treatment of a neuropathic disease, optionally a peripheral neuropathy, in a subject in need thereof, wherein a therapeutically effective amount of the compound, or the pharmaceutically acceptable salt or solvate thereof, is to be administered to the subject.

~~35~~36. The ~~method~~ use of claim ~~34~~ 35, wherein the neuropathic disease is diabetic neuropathy.

~~36~~37. The ~~method~~ use of claim ~~34~~ 35, ~~further comprising the administration of~~ wherein one or more immunomodulatory agents is to be administered.

~~37~~38. The ~~method~~ use of claim ~~36~~ 37, wherein the one or more immunomodulatory agents are selected from: an IFN-β 1 molecule; a corticosteroid; a polymer of glutamic acid, lysine, alanine and tyrosine or glatiramer; an antibody or fragment thereof against alpha-4 integrin or natalizumab; an anthracenedione molecule or mitoxantrone; a fingolimod or FTY720 or other S1P1 functional modulator; a dimethyl fumarate or other NRF2 functional modulator; an antibody to the alpha subunit of the IL-2 receptor of T cells (CD25) or daclizumab; an antibody against CD52 or alemtuzumab; an antibody against CD20 or ocrelizumab; and an inhibitor of a dihydroorotate dehydrogenase or teriflunomide.

~~38~~39. ~~A method of modulating muscarinic acetylcholine receptor M_1 activity in a subject comprising administering to the subject a~~ Use of the compound of any one of claims 1-23, or a pharmaceutically acceptable salt or solvate thereof, in the manufacture of a medicament for the treatment of a demyelinating disease in a subject, wherein the compound, or the pharmaceutically acceptable salt or solvate thereof, is to be administered to the subject, and wherein the compound, or the pharmaceutically acceptable salt or solvate thereof, is for modulating muscarinic acetylcholine receptor M_1 activity in the subject.

~~39~~40. The ~~method~~ use of claim ~~38~~ 39, wherein the compound acts as a selective M_1 antagonist.