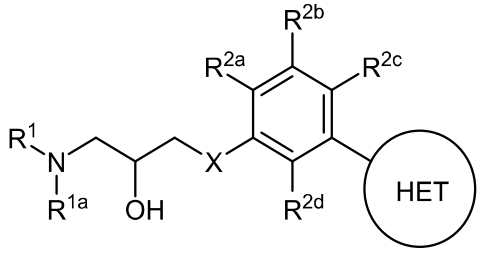
Claims

What is claimed is:

1. A compound of Formula (**I**):



(**I**)

or a pharmaceutically acceptable salt thereof;

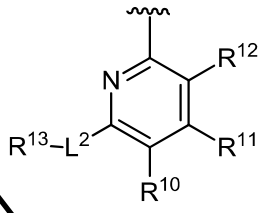
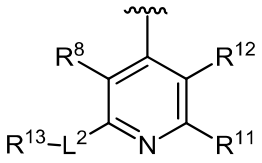
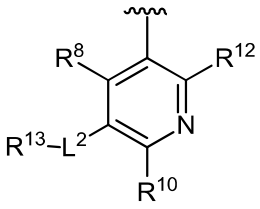
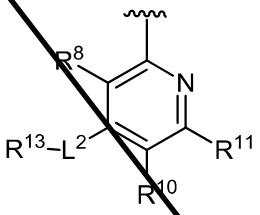
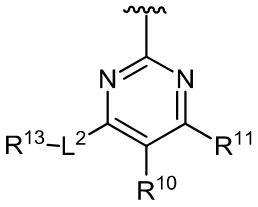
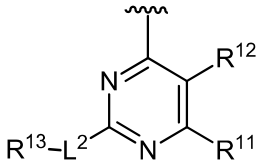
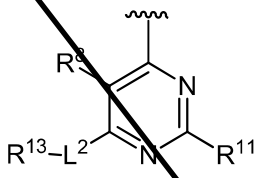
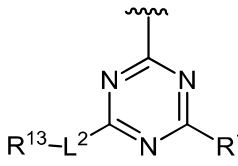
wherein:

X is –O–, –S–, or –CH_2–;

R^1 and R^{1a} are each independently hydrogen or optionally substituted C_{1-4} aliphatic, or R^1 and R^{1a} may be joined to form a substituted or unsubstituted heterocyclic, or substituted or unsubstituted heteroaryl ring;

each of R^{2a}, R^{2b}, R^{2c}, and R^{2d} is independently hydrogen, halogen, –CN, –NO_2, –$C(=O)R^{A2}$, –$C(=O)OR^{A2}$, –$C(=O)N(R^{A2})_2$, –OR^{A2}, –SR^{A2}, –$N(R^{A2})_2$, –$S(=O)R^{A2}$, –$S(=O)_2R^{A2}$, optionally substituted alkyl, optionally substituted alkenyl, optionally substituted alkynyl, optionally substituted carbocyclyl, optionally substituted heterocyclyl, wherein each instance of R^{A2} is independently hydrogen, optionally substituted alkyl, optionally substituted alkenyl, optionally substituted alkynyl, optionally substituted carbocyclyl, optionally substituted heterocyclyl, optionally substituted aryl, or optionally substituted heteroaryl, or two R^{A2} groups attached to the same nitrogen atom are joined to form an optionally substituted heterocyclyl or optionally substituted heteroaryl ring;

Ring HET is a 6-membered monocyclic heteroaryl ring system of the Formula:

(i–a), ***(i–b)***, ***(i–c)***, ***(i–d)***, ***(i-e)***, ***(i-f)***, ***(i-g)***, or ***(i-h)***;

each instance of R^8, R^{10}, R^{11}, and R^{12} is independently selected from the group consisting of hydrogen, halo, –CN, $–NO_2$, –C(=O)R′, –C(=O)OR′, $–C(=O)N(R')_2$, optionally substituted alkyl, optionally substituted C_{3-4}cycloalkyl, and $–L^1–R^3$;

each instance of R′ is independently hydrogen, optionally substituted alkyl, optionally substituted alkenyl, optionally substituted alkynyl, optionally substituted carbocyclyl, optionally substituted heterocyclyl, optionally substituted aryl, or optionally substituted heteroaryl, or two R′ groups attached to the same nitrogen are joined to form an optionally substituted heterocyclyl ring or optionally substituted heteroaryl ring;

each instance of L^1 and L^2 is independently a bond, –O–, $–N(R^L)–$, –S–, –C(O)–, –C(O)O–, –C(O)S–, $–C(O)N(R^L)–$, $–C(O)N(R^L)N(R^L)–$, –OC(O)–, $–OC(O)N(R^L)–$, $–NR^LC(O)–$, $–NR^LC(O)N(R^L)–$, $–NR^LC(O)N(R^L)N(R^L)–$, $–NR^LC(O)O–$, –SC(O)–, $–C(=NR^L)–$, $–C(=NNR^L)–$, $–C(=NOR^L)–$, $–C(=N\ R^L)N(R^L)–$, $–NR^LC(=NR^L)–$, –C(S)–, –C(S)N(R^L)–, $–NR^LC(S)–$, –S(O)–, $–OS(O)_2–$, $–S(O)_2O–$, $–SO_2–$, $–N(R^L)SO_2–$, $–SO_2N(R^L)–$, $–N(R^L)SO_2N(R^L)–$, or an optionally substituted $C_{1–10}$ saturated or unsaturated hydrocarbon chain, wherein one or more moieties selected from the group consisting of –O–, $–N(R^L)–$, –S–, –C(O)–, –C(O)O–, –C(O)S–, $–C(O)N(R^L)–$, $–C(O)N(R^L)N(R^L)–$, –OC(O)–, $–OC(O)N(R^L)–$, $–NR^LC(O)–$, $–NR^LC(O)N(R^L)–$, $–NR^LC(O)N(R^L)N(R^L)–$, $–NR^LC(O)O–$, –SC(O)–, $–C(=NR^L)–$, $–C(=NNR^L)–$, $–C(=NOR^L)–$, $–C(=N\ R^L)N(R^L)–$, $–NR^LC(=NR^L)–$, –C(S)–, –C(S)N(R^L)–, $–NR^LC(S)–$, –S(O)–, $–OS(O)_2–$, –

$S(O)_2O$–, –SO_2–, –$N(R^L)SO_2$–, –$SO_2N(R^L)$–, and –$N(R^L)SO_2N(R^L)$– is optionally and independently present between two carbon atoms of the hydrocarbon chain, and optionally and independently present at one or both ends of the hydrocarbon chain;

each R^L is independently hydrogen, optionally substituted alkyl, or a nitrogen protecting group, or R^L and R^3 taken together form an optionally substituted heterocyclyl or optionally substituted heteroaryl ring, or R^L and R^{13} taken together form an optionally substituted heterocyclyl or optionally substituted heteroaryl ring;

R^3 is hydrogen, optionally substituted alkyl, optionally substituted alkenyl, optionally substituted alkynyl, optionally substituted carbocyclyl, optionally substituted heterocyclyl, optionally substituted aryl, or optionally substituted heteroaryl, provided when R^3 is hydrogen, then L^1 is not a bond; and

R^{13} is optionally substituted carbocyclyl, optionally substituted heterocyclyl, optionally substituted aryl, or optionally substituted heteroaryl,

wherein, and unless otherwise specified,

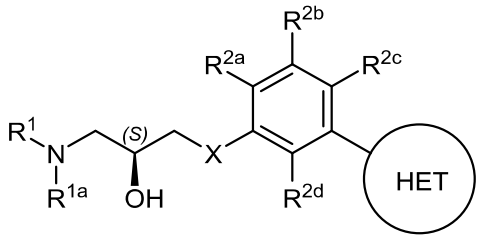
heterocyclyl or heterocyclic refers to a radical of a 3–10 membered non–aromatic ring system having ring carbon atoms and 1–4 ring heteroatoms, wherein each heteroatom is independently selected from nitrogen, oxygen, and sulfur;

carbocyclyl or carbocyclic refers to a radical of a non–aromatic cyclic hydrocarbon group having from 3 to 10 ring carbon atoms and zero heteroatoms in the non–aromatic ring system;

aryl refers to a radical of a monocyclic or polycyclic 4n+2 aromatic ring system having 6–14 ring carbon atoms and zero heteroatoms provided in the aromatic ring system; and

heteroaryl refers to a radical of a 5–10 membered monocyclic or bicyclic 4n+2 aromatic ring system having ring carbon atoms and 1–4 ring heteroatoms provided in the aromatic ring system, wherein each heteroatom is independently selected from nitrogen, oxygen and sulfur.

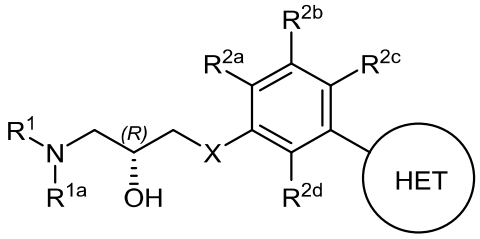
2. The compound of claim 1, wherein the compound of Formula (**I**) is of Formula (**I-a**):



(I-a)

or a pharmaceutically acceptable salt thereof.

3. The compound of claim 1, wherein the compound of Formula (**I**) is of Formula (**I-b**):



(I-b)

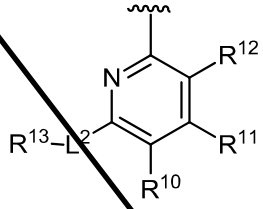
or a pharmaceutically acceptable salt thereof.

4. The compound of any one of claims 1-3, wherein X is –O–.

5. The compound of any one of claims 1-3, wherein X is –S–.

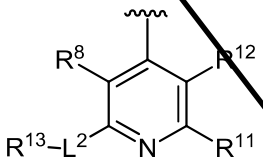
6. The compound of any one of claims 1-3, wherein X is $–CH_2–$.

7. The compound of any one of claims 1-6, wherein Ring HET is:



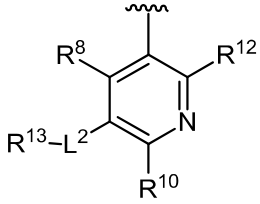
(i–a).

8. The compound of any one of claims 1-6, wherein Ring HET is:



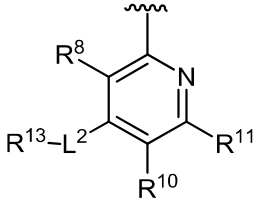
(i–b).

9. The compound of any one of claims 1-6, wherein Ring HET is:



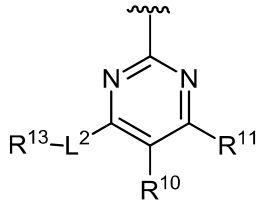
(i–c).

10. The compound of any one of claims 1-6, wherein Ring HET is:



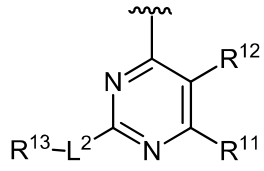
(i–d).

11. The compound of any one of claims 1-6, wherein Ring HET is:



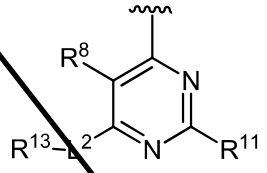
(i-e).

12. The compound of any one of claims 1-6, wherein Ring HET is:



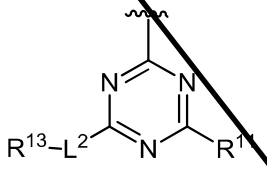
(i-f).

13. The compound of any one of claims 1-6, wherein Ring HET is:



(i-g).

14. The compound of any one of claims 1-6, wherein Ring HET is:



(i-h).

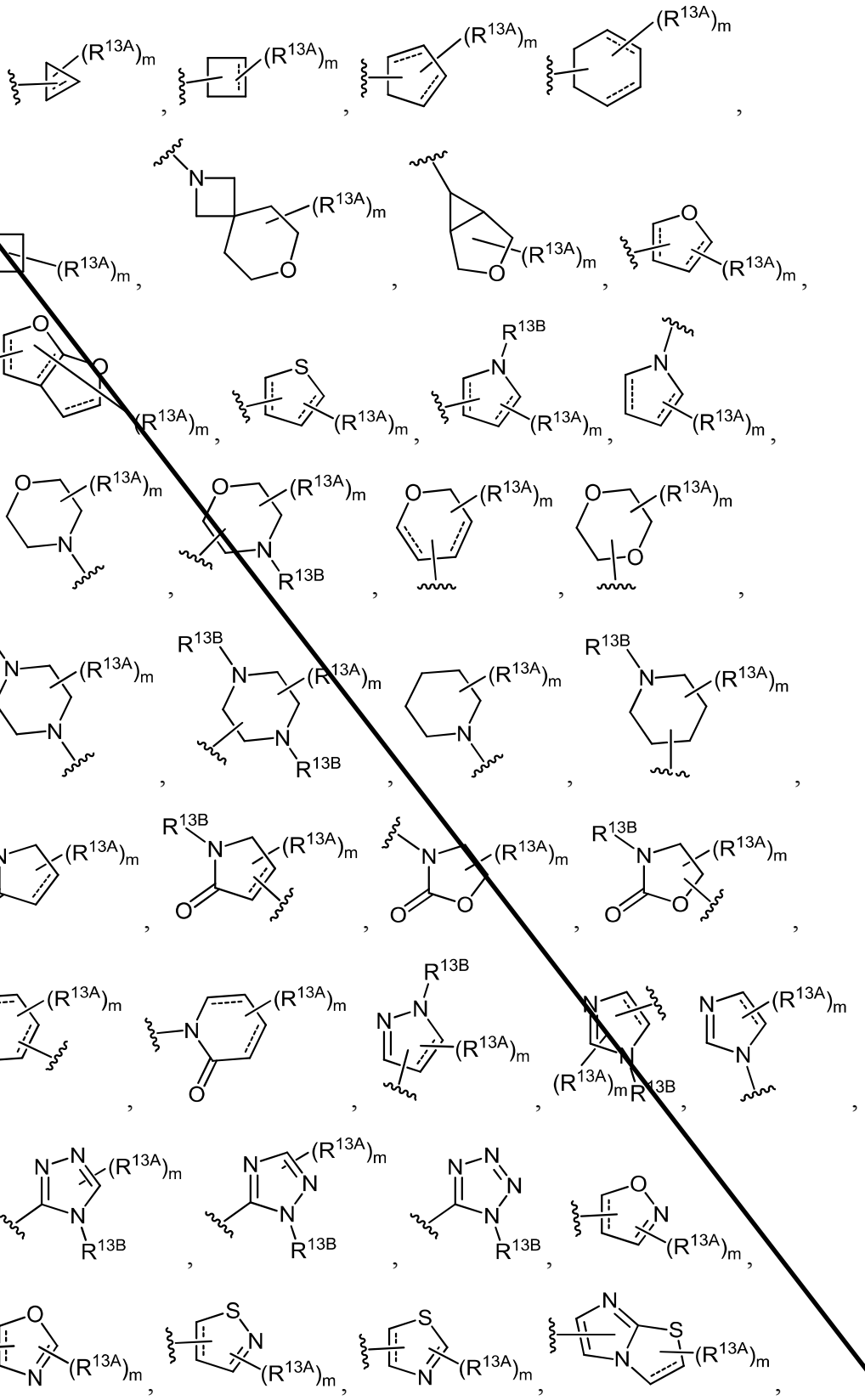
15. The compound of any one of claims 1-14, wherein R^1 is hydrogen, methyl, ethyl, n–propyl, isopropyl, or cyclopropyl.

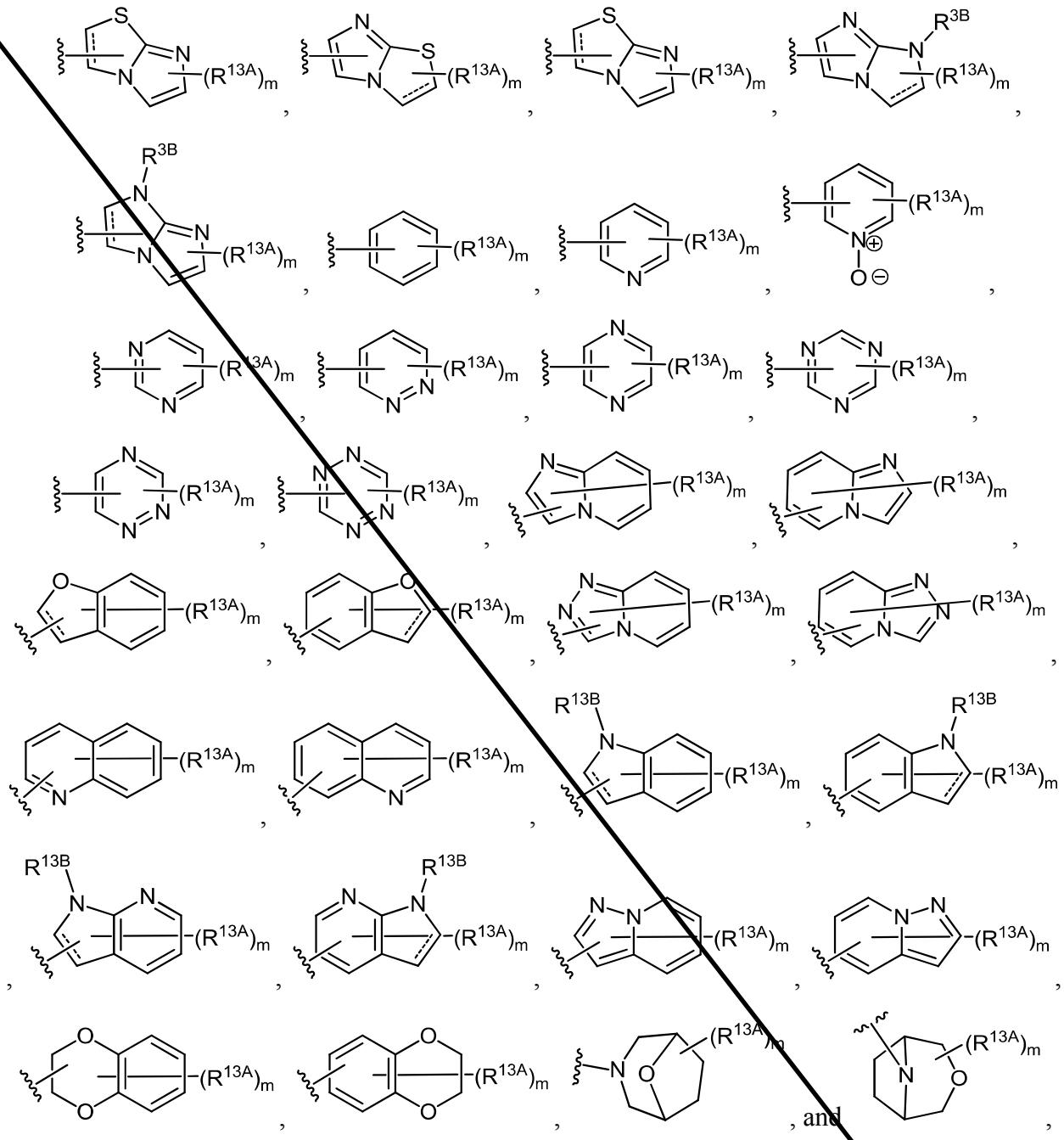
16. The compound of any one of claims 1-15, wherein R^{2a}, R^{2b}, and R^{2d} are hydrogen.

17. The compound of any one of claims 1-15, wherein at least one of R^{2a}, R^{2b}, R^{2c}, and R^{2d} is halo.

18. The compound of any one of claims 1-17, wherein L^2 is a bond, $–N(R^L)–$, $–NR^LC(O)O–$, $–NR^LC(O)N(R^L)–$, $–N(R^L)–$, $–N(R^L)SO_2N(R^L)–$, $-NR^L-(CH_2)_x-C(O)O-$,$-NR^L-(CH_2)_x-O-$, $–NR^LC(O)N(R^L)–$, $-NR^L-(CH_2)_x-$, $-(CH_2)_x-NR^L-$,$–NR^LC(O)O(CH_2)_x–$, $–NR^LC(O)NR^L(CH_2)_x–$,or $–NR^L(CH_2)_xNR^LC(O)–$, wherein x is 1, 2, 3, 4, 5, 6, 7, 8, 9, or 10.

19. The compound of any one of claims 1-18, wherein R^{13} is selected from the group consisting of:





wherein:

each instance of ----- independently represents a single or double bond;

m is 0, 1, 2, or 3;

each instance of R^{13A} is independently hydroxyl, substituted hydroxyl, thiol, substituted thiol, amino, substituted amino, carbonyl, sulfonyl, sulfinyl, -CN, -NO_2, halogen, optionally substituted alkyl, or two R^{13A} groups are joined to form an optionally substituted carbocyclic, optionally substituted heterocyclic, optionally substituted aryl, or optionally substituted

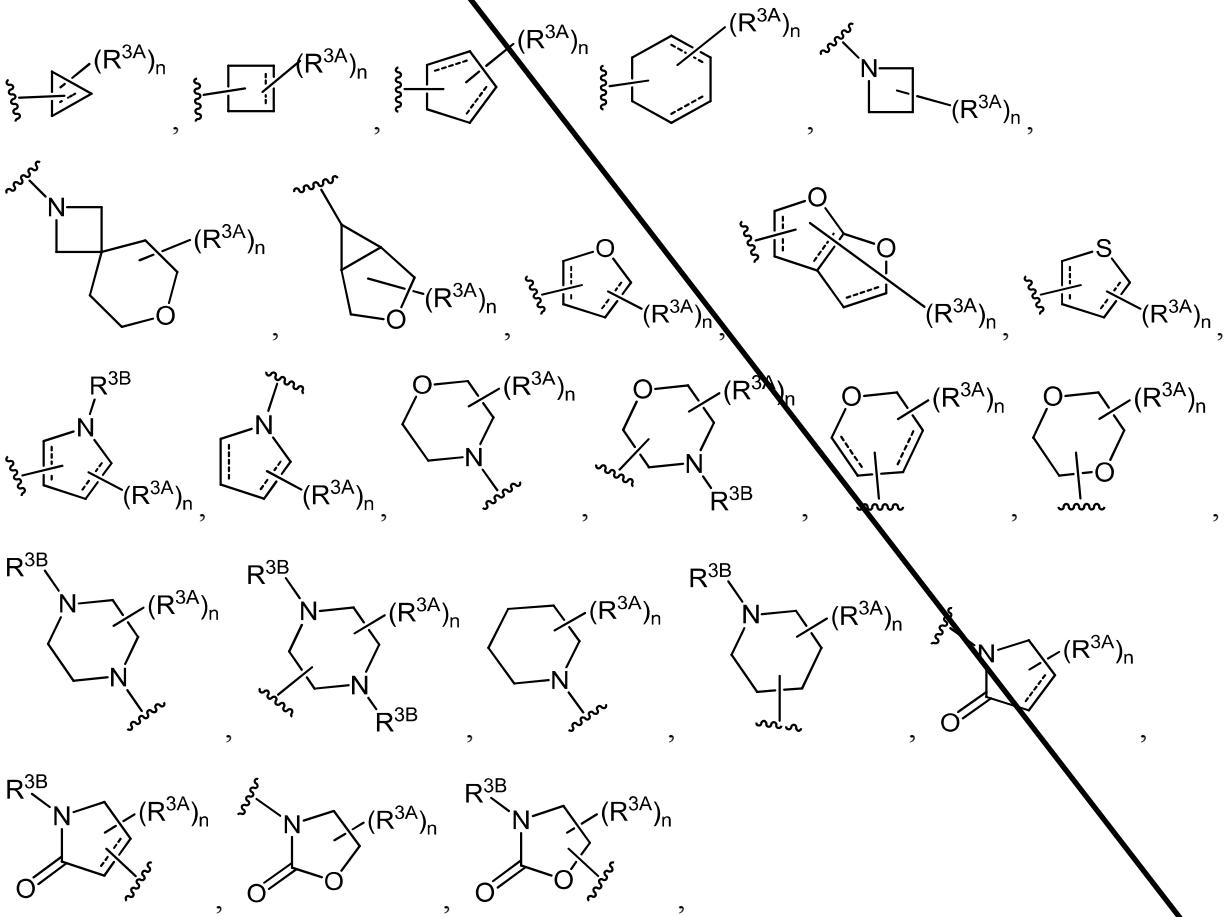
heteroaryl ring, or R^{13A} and R^{13B} group are joined to form an optionally substituted carbocyclic, optionally substituted heterocyclic, optionally substituted aryl, or optionally substituted heteroaryl ring; and

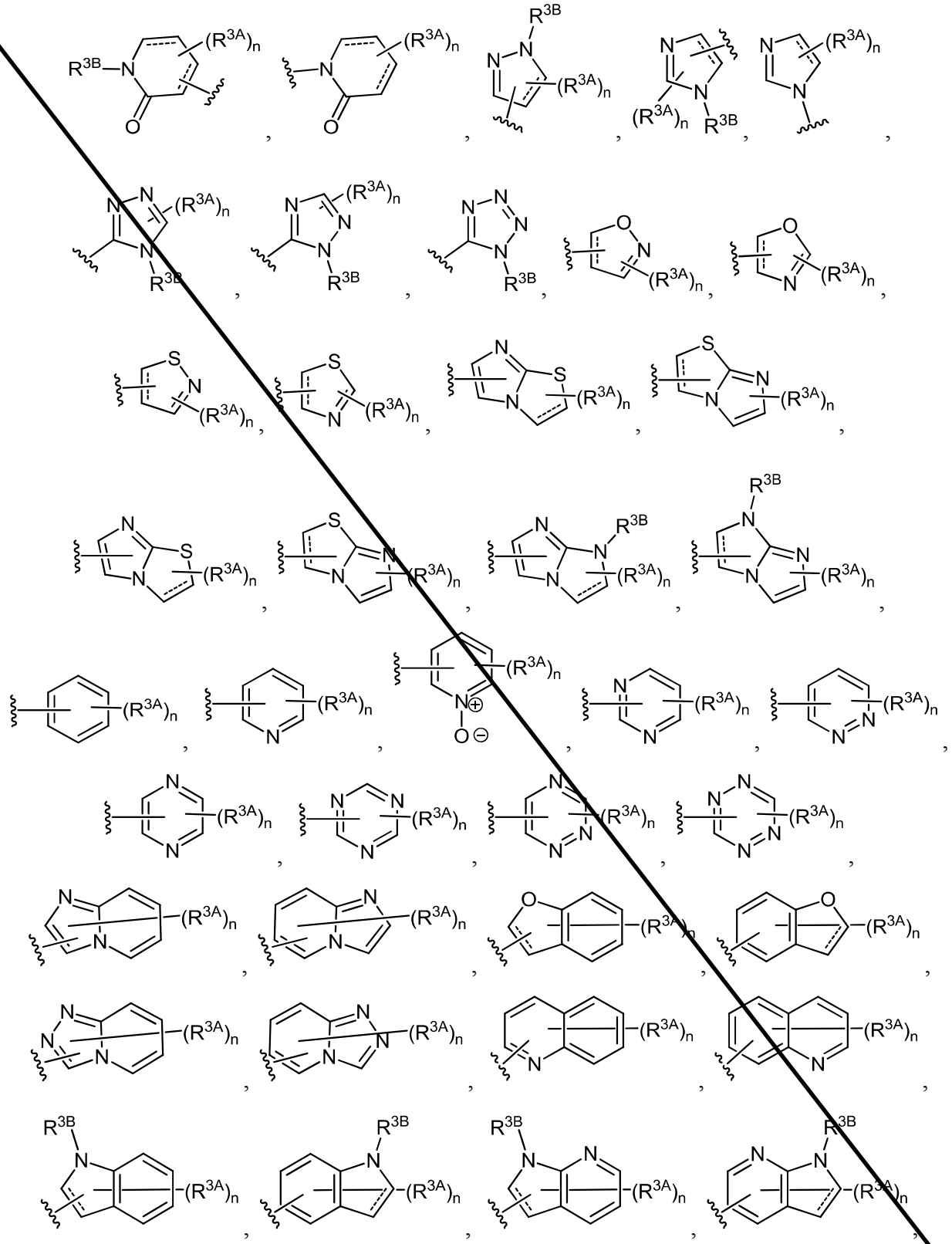
R^{3B} and R^{13B} are independently hydrogen, optionally substituted alkyl, or a nitrogen protecting group.

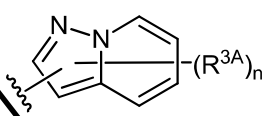
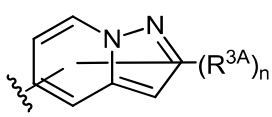
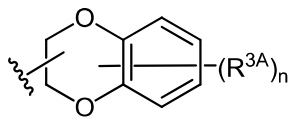
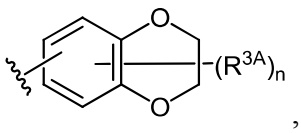
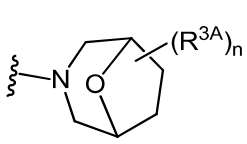
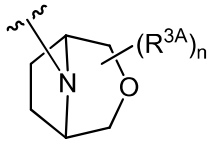
20. The compound of any one of claims 1-19, wherein Ring HET comprises a group $–L^1-R^3$ attached thereto.

21. The compound of claim 20, wherein L^1 is a bond, $–N(R^L)–$, $–NR^LC(O)O–$, $–NR^LC(O)N(R^L)–$, $–N(R^L)–$, $–N(R^L)SO_2N(R^L)–$, $-NR^L-(CH_2)_x-C(O)O-$,$-NR^L-(CH_2)_x-O-$, $–NR^LC(O)N(R^L)–$, $-NR^L-(CH_2)_x-$, $-(CH_2)_x-NR^L-$,$–NR^LC(O)O(CH_2)_x–$, $–NR^LC(O)NR^L(CH_2)_x–$,or $–NR^L(CH_2)_xNR^LC(O)–$, wherein x is 1, 2, 3, 4, 5, 6, 7, 8, 9, or 10.

22. The compound of claim 20 or 21, wherein R^3 is selected from the group consisting of:





wherein:

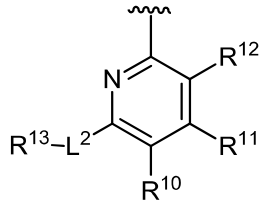
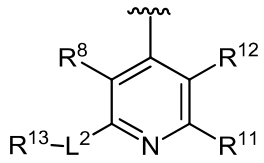
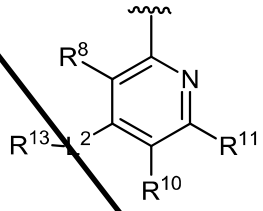
each instance of ----- independently represents a single or double bond;

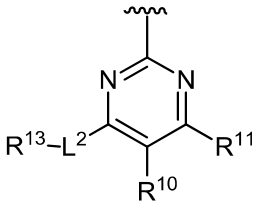
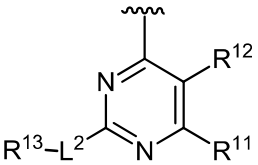
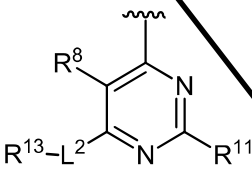
n is 0, 1, 2, or 3;

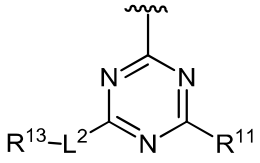
each instance of R^{3A} is independently hydroxyl, substituted hydroxyl, thiol, substituted thiol, amino, substituted amino, carbonyl, sulfonyl, sulfinyl, -CN, -NO_2, halogen, optionally substituted alkyl, or two R^{3A} groups are joined to form an optionally substituted carbocyclic, optionally substituted heterocyclic, optionally substituted aryl, or optionally substituted heteroaryl ring, or R^{3A} and R^{3B} groups are joined to form an optionally substituted carbocyclic, optionally substituted heterocyclic, optionally substituted aryl, or optionally substituted heteroaryl ring; and

R^{3B} is hydrogen, optionally substituted alkyl, or a nitrogen protecting group.

23. The compound of any one of claims 1-6 or 15-22, wherein Ring HET is a 6-membered monocyclic heteroaryl ring system of the Formula:


(i–a), 
(i–b), 
(i–d),


(i-e), 
(i-f), 
(i-g), or

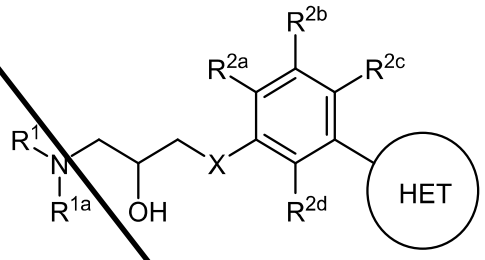

(i-h);

each instance of R^8, R^{10}, and R^{12} is independently selected from the group consisting of hydrogen, halo, –CN, $–NO_2$, –C(=O)R′, –C(=O)OR′, $–C(=O)N(R')_2$, and optionally substituted alkyl;

R^{11} is $–L^1\text{-}R^3$; and

R^3 is optionally substituted alkyl, optionally substituted alkenyl, optionally substituted alkynyl, optionally substituted carbocyclyl, optionally substituted heterocyclyl, optionally substituted aryl, or optionally substituted heteroaryl.

24. A compound of Formula (**I**):



(**I**)

or a pharmaceutically acceptable salt thereof;

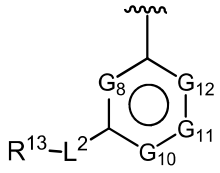
wherein:

X is –O–, –S–, or $–CH_2–$;

R^1 and R^{1a} are each independently hydrogen or optionally substituted $C_{1\text{-}4}$ aliphatic, or R^1 and R^{1a} may be joined to form a substituted or unsubstituted heterocyclic, or substituted or unsubstituted heteroaryl ring;

each of R^{2a}, R^{2b}, R^{2c}, and R^{2d} is independently hydrogen, halogen, –CN, $–NO_2$, $–C(=O)R^{A2}$, $–C(=O)OR^{A2}$, $–C(=O)N(R^{A2})_2$, $–OR^{A2}$, $–SR^{A2}$, $–N(R^{A2})_2$, $–S(=O)R^{A2}$, $–S(=O)_2R^{A2}$, optionally substituted alkyl, optionally substituted alkenyl, optionally substituted alkynyl, optionally substituted carbocyclyl, optionally substituted heterocyclyl, wherein each instance of R^{A2} is independently hydrogen, optionally substituted alkyl, optionally substituted alkenyl, optionally substituted alkynyl, optionally substituted carbocyclyl, optionally substituted heterocyclyl, optionally substituted aryl, or optionally substituted heteroaryl, or two R^{A2} groups attached to the same nitrogen atom are joined to form an optionally substituted heterocyclyl or optionally substituted heteroaryl ring;

Ring HET is a 6-membered monocyclic heteroaryl ring system of the Formula:



wherein:

G_8 is C–R^8 or N;

G_{10} is C–R^{10} or N;

G_{11} is C–R^{11} or N;

G_{12} is C–R^{12} or N;

provided at least one instance of G_8, G_{10}, G_{11}, or G_{12} is N;

each instance of R^8, R^{10}, R^{11}, and R^{12} is independently selected from the group consisting of hydrogen, halo, –CN, –NO_2, –C(=O)R′, –C(=O)OR′, –C(=O)N(R′)$_2$, optionally substituted alkyl, optionally substituted C_{3-4}cycloalkyl, and –L^1-R^3;

each instance of R′ is independently hydrogen, optionally substituted alkyl, optionally substituted alkenyl, optionally substituted alkynyl, optionally substituted carbocyclyl, optionally substituted heterocyclyl, optionally substituted aryl, or optionally substituted heteroaryl, or two R′ groups attached to the same nitrogen are joined to form an optionally substituted heterocyclyl ring or optionally substituted heteroaryl ring;

each instance of L^1 and L^2 is independently a bond, –O–, –N(R^L)–, –S–, –C(O)–, –C(O)O–, –C(O)S–, –C(O)N(R^L)–, –C(O)N(R^L)N(R^L)–, –OC(O)–, –OC(O)N(R^L)–, –NR^LC(O)–, –NR^LC(O)N(R^L)–, –NR^LC(O)N(R^L)N(R^L)–, –NR^LC(O)O–, –SC(O)–, –C(=NR^L)–, –C(=NNR^L)–, –C(=NOR^L)–, –C(=N R^L)N(R^L)–, –NR^LC(=NR^L)–, –C(S)–, –C(S)N(R^L)–, –NR^LC(S)–, –S(O)–, –OS(O)$_2$–, –S(O)$_2$O–, –SO_2–, –N(R^L)SO_2–, –SO_2N(R^L)–, –N(R^L)SO_2N(R^L)–, or an optionally substituted $C_{1–10}$ saturated or unsaturated hydrocarbon chain, wherein one or more moieties selected from the group consisting of –O–, –N(R^L)–, –S–, –C(O)–, –C(O)O–, –C(O)S–, –C(O)N(R^L)–, –C(O)N(R^L)N(R^L)–, –OC(O)–, –OC(O)N(R^L)–, –NR^LC(O)–, –NR^LC(O)N(R^L)–, –NR^LC(O)N(R^L)N(R^L)–, –NR^LC(O)O–, –SC(O)–, –C(=NR^L)–, –C(=NNR^L)–, –C(=NOR^L)–, –C(=N R^L)N(R^L)–, –NR^LC(=NR^L)–, –C(S)–, –C(S)N(R^L)–, –NR^LC(S)–, –S(O)–, –OS(O)$_2$–, –S(O)$_2$O–, –SO_2–, –N(R^L)SO_2–, –SO_2N(R^L)–, and –N(R^L)SO_2N(R^L)– is optionally and independently present between two carbon atoms of the hydrocarbon chain, and optionally and independently present at one or both ends of the hydrocarbon chain;

each R^L is independently hydrogen, optionally substituted alkyl, or a nitrogen protecting group, or R^L and R^3 taken together form an optionally substituted heterocyclyl or optionally substituted heteroaryl ring, or R^L and R^{13} taken together form an optionally substituted heterocyclyl or optionally substituted heteroaryl ring;

R^3 is hydrogen, optionally substituted alkyl, optionally substituted alkenyl, optionally substituted alkynyl, optionally substituted carbocyclyl, optionally substituted heterocyclyl, optionally substituted heteroaryl, or aryl unsubstituted or substituted with one or more substituents independently selected from the group consisting of halogen, -CN, $-NO_2$, $-N_3$, $-SO_2H$, $-SO_3H$, -OH, $-OR^{aa}$, $-N(R^{bb})_2$, -SH, $-SR^{aa}$, $-C(=O)R^{aa}$, $-CO_2H$, -CHO, $-CO_2R^{aa}$, $-OC(=O)R^{aa}$, $-OCO_2R^{aa}$, $-C(=O)N(R^{bb})_2$, $-OC(=O)N(R^{bb})_2$, C_{1-4} alkyl, C_{1-4} perhaloalkyl, C_{2-4} alkenyl, and C_{2-4} alkynyl, provided when R^3 is hydrogen, then L^1 is not a bond; and

R^{13} is optionally substituted carbocyclyl, optionally substituted heterocyclyl, optionally substituted heteroaryl, or aryl unsubstituted or substituted with one or more substituents independently selected from the group consisting of halogen, -CN, $-NO_2$, $-N_3$, $-SO_2H$, $-SO_3H$, -OH, $-OR^{aa}$, $-N(R^{bb})_2$, -SH, $-SR^{aa}$, $-C(=O)R^{aa}$, $-CO_2H$, -CHO, $-CO_2R^{aa}$, $-OC(=O)R^{aa}$, $-OCO_2R^{aa}$, $-C(=O)N(R^{bb})_2$, $-OC(=O)N(R^{bb})_2$, C_{1-4} alkyl, C_{1-4} perhaloalkyl, C_{2-4} alkenyl, and C_{2-4} alkynyl;

wherein:

each instance of R^{aa} is, independently, C_{1-4} alkyl; and

each instance of R^{bb} is, independently, hydrogen or C_{1-4} alkyl, or two R^{bb} groups are joined to form a 3-6 membered heterocyclyl or 5-6 membered heteroaryl ring;

wherein, and unless otherwise specified,

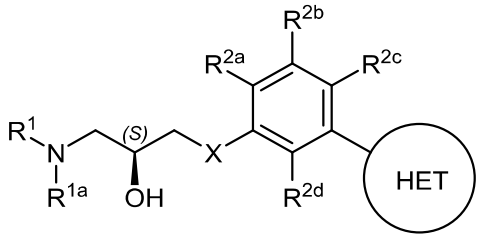
heterocyclyl or heterocyclic refers to a radical of a 3–10 membered non–aromatic ring system having ring carbon atoms and 1–4 ring heteroatoms, wherein each heteroatom is independently selected from nitrogen, oxygen, and sulfur;

carbocyclyl or carbocyclic refers to a radical of a non–aromatic cyclic hydrocarbon group having from 3 to 10 ring carbon atoms and zero heteroatoms in the non–aromatic ring system;

aryl refers to a radical of a monocyclic or polycyclic 4n+2 aromatic ring system having 6–14 ring carbon atoms and zero heteroatoms provided in the aromatic ring system; and

heteroaryl refers to a radical of a 5–10 membered monocyclic or bicyclic 4n+2 aromatic ring system having ring carbon atoms and 1–4 ring heteroatoms provided in the aromatic ring system, wherein each heteroatom is independently selected from nitrogen, oxygen and sulfur.

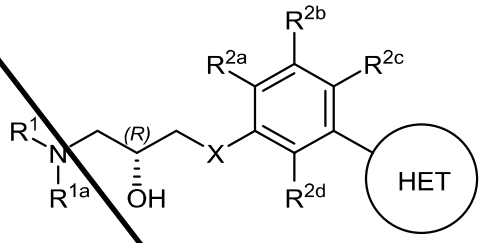
25. The compound of claim 24, wherein the compound of Formula (**I**) is of Formula (**I-a**):



(I-a)

or a pharmaceutically acceptable salt thereof.

26. The compound of claim 24, wherein the compound of Formula (**I**) is of Formula (**I-b**):



(I-b)

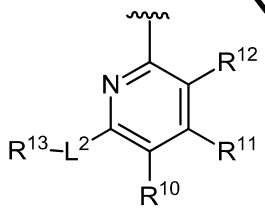
or a pharmaceutically acceptable salt thereof.

27. The compound of any one of claims 24-26, wherein X is –O–.

28. The compound of any one of claims 24-26, wherein X is –S–.

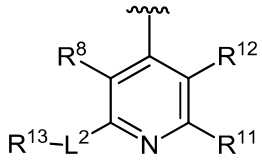
29. The compound of any one of claims 24-26, wherein X is $–CH_2–$.

30. The compound of any one of claims 24-30, wherein Ring HET is:



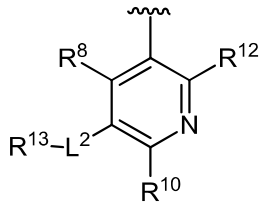
(i–a).

31. The compound of any one of claims 24-30, wherein Ring HET is:



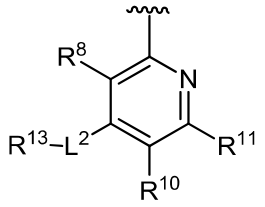
(i–b).

32. The compound of any one of claims 24-30, wherein Ring HET is:



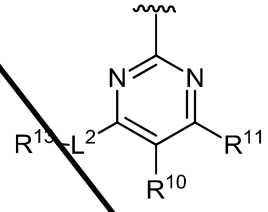
(i–c).

33. The compound of any one of claims 24-30, wherein Ring HET is:



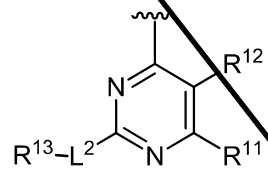
(i–d).

34. The compound of any one of claims 24-30, wherein Ring HET is:



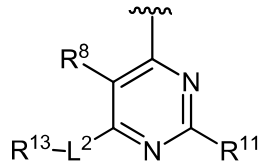
(i-e).

35. The compound of any one of claims 24-30, wherein Ring HET is:



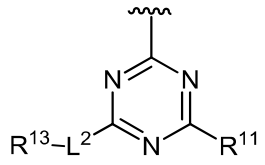
(i-f).

36. The compound of any one of claims 24-30, wherein Ring HET is:



(i-g).

37. The compound of any one of claims 24-30, wherein Ring HET is:



(i-h).

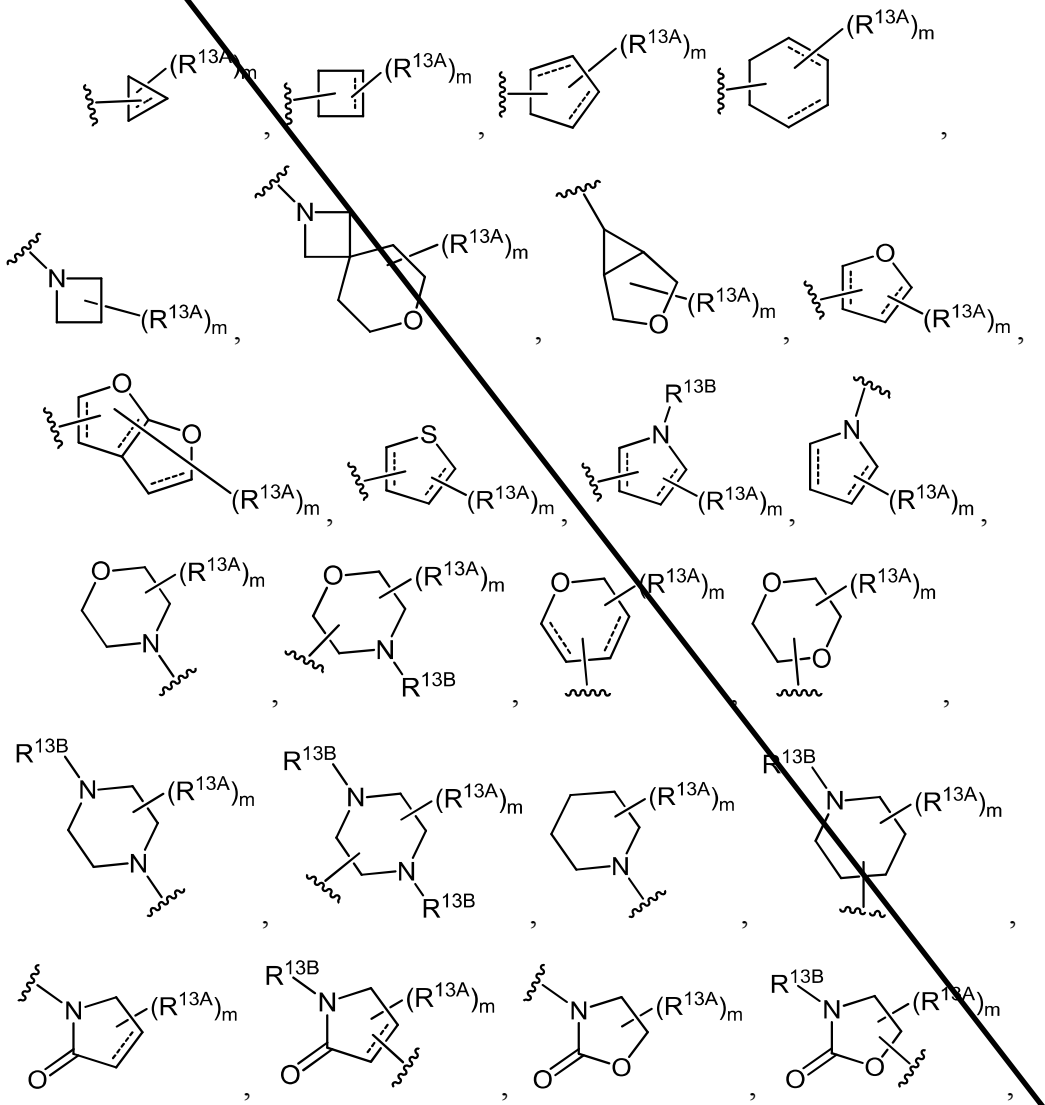
38. The compound of any one of claims 24-37, wherein R^1 is hydrogen, methyl, ethyl, n–propyl, isopropyl, or cyclopropyl.

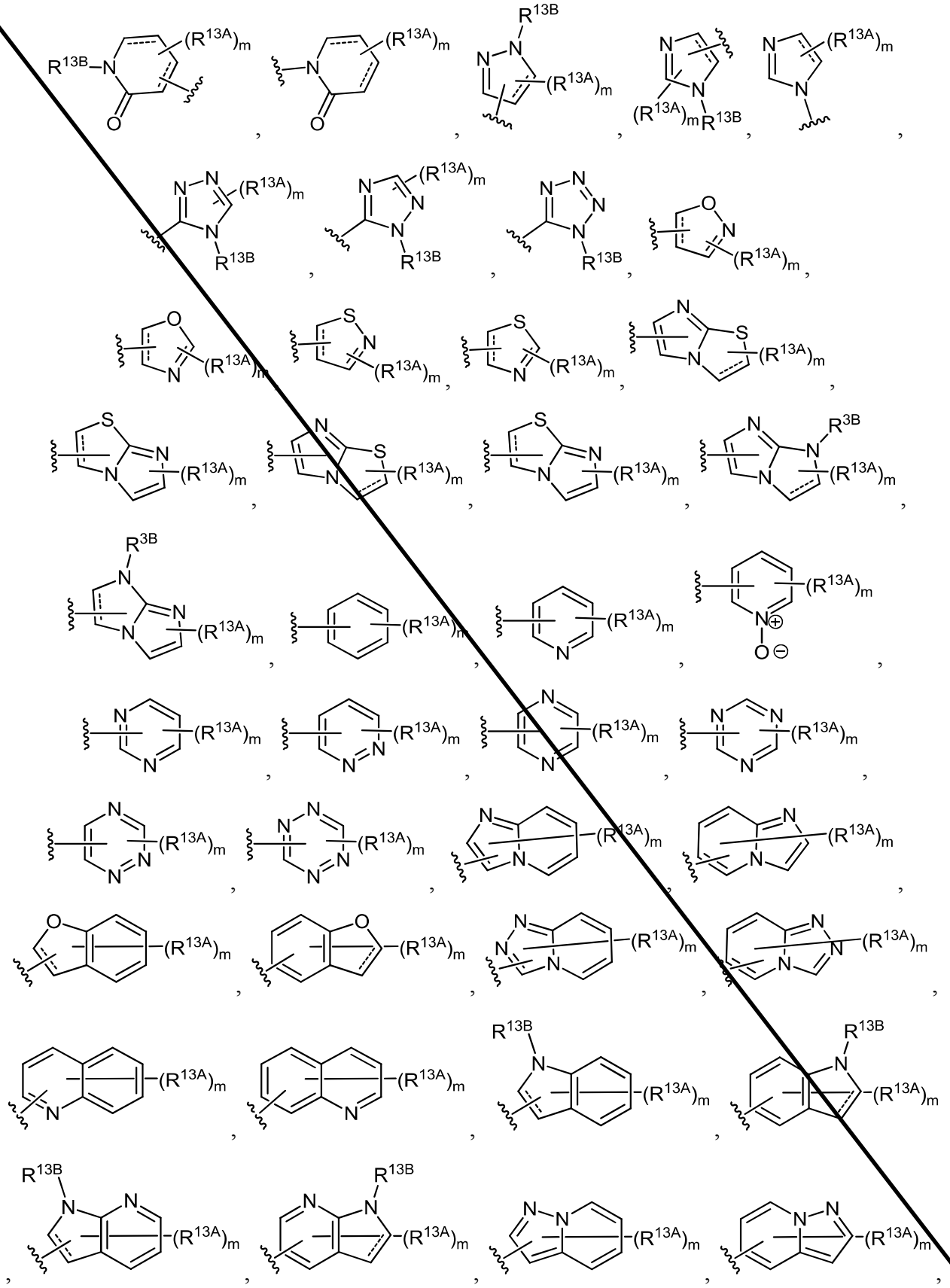
39. The compound of any one of claims 24-38, wherein R^{2a}, R^{2b}, and R^{2d} are hydrogen.

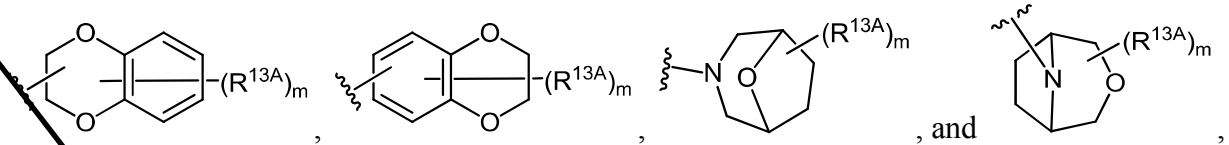
40. The compound of any one of claims 24-39, wherein at least one of R^{2a}, R^{2b}, R^{2c}, and R^{2d} is halo.

41. The compound of any one of claims 24-40, wherein L^2 is a bond, $–N(R^L)–$, $–NR^LC(O)O–$, $–NR^LC(O)N(R^L)–$, $–N(R^L)–$, $–N(R^L)SO_2N(R^L)–$, $-NR^L-(CH_2)_x-C(O)O-$,$-NR^L-(CH_2)_x-O-$, $–NR^LC(O)N(R^L)–$, $-NR^L-(CH_2)_x-$, $-(CH_2)_x-NR^L-$,$–NR^LC(O)O(CH_2)_x–$, $–NR^LC(O)NR^L(CH_2)_x–$,or $–NR^L(CH_2)_xNR^LC(O)–$, wherein x is 1, 2, 3, 4, 5, 6, 7, 8, 9, or 10.

42. The compound of any one of claims 24-41, wherein R^{13} is selected from the group consisting of:







wherein:

each instance of ----- independently represents a single or double bond;

m is 0, 1, 2, or 3;

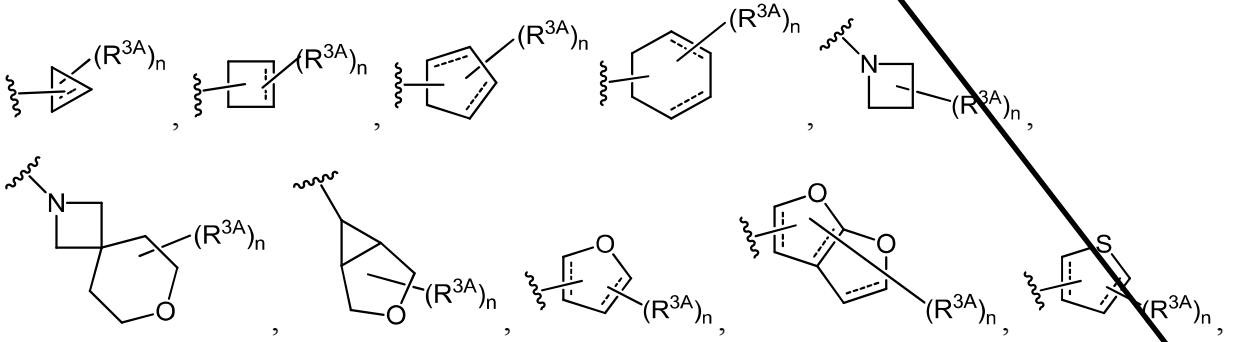
each instance of R^{13A} is independently hydroxyl, substituted hydroxyl, thiol, substituted thiol, amino, substituted amino, carbonyl, sulfonyl, sulfinyl, -CN, -NO_2, halogen, or optionally substituted alkyl, or two R^{13A} groups are joined to form an optionally substituted carbocyclic, optionally substituted heterocyclic, optionally substituted aryl, or optionally substituted heteroaryl ring, or R^{13A} and R^{13B} group are joined to form an optionally substituted carbocyclic, optionally substituted heterocyclic, optionally substituted aryl, or optionally substituted heteroaryl ring; and

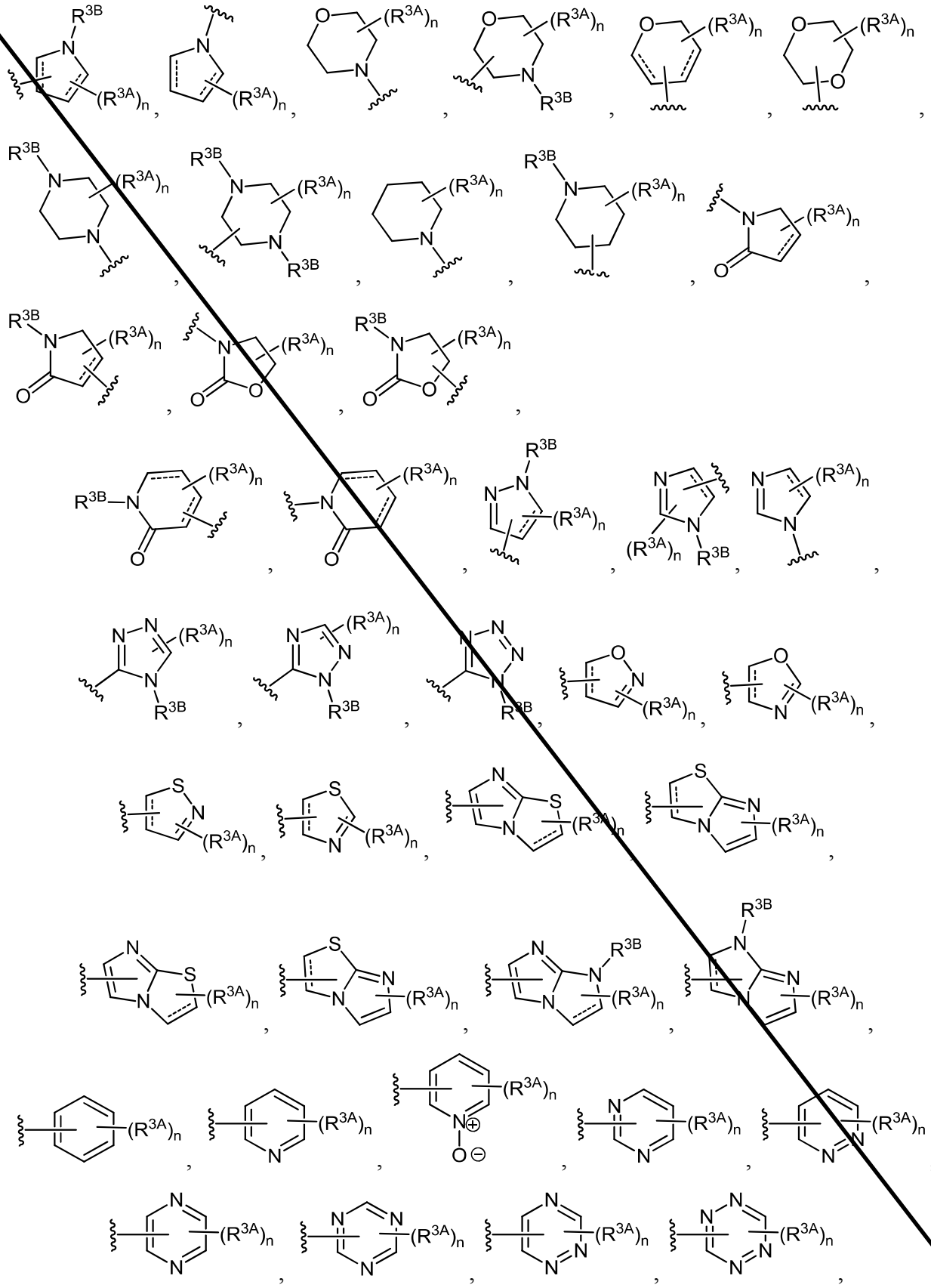
R^{3B} and R^{13B} are independently hydrogen, optionally substituted alkyl, or a nitrogen protecting group.

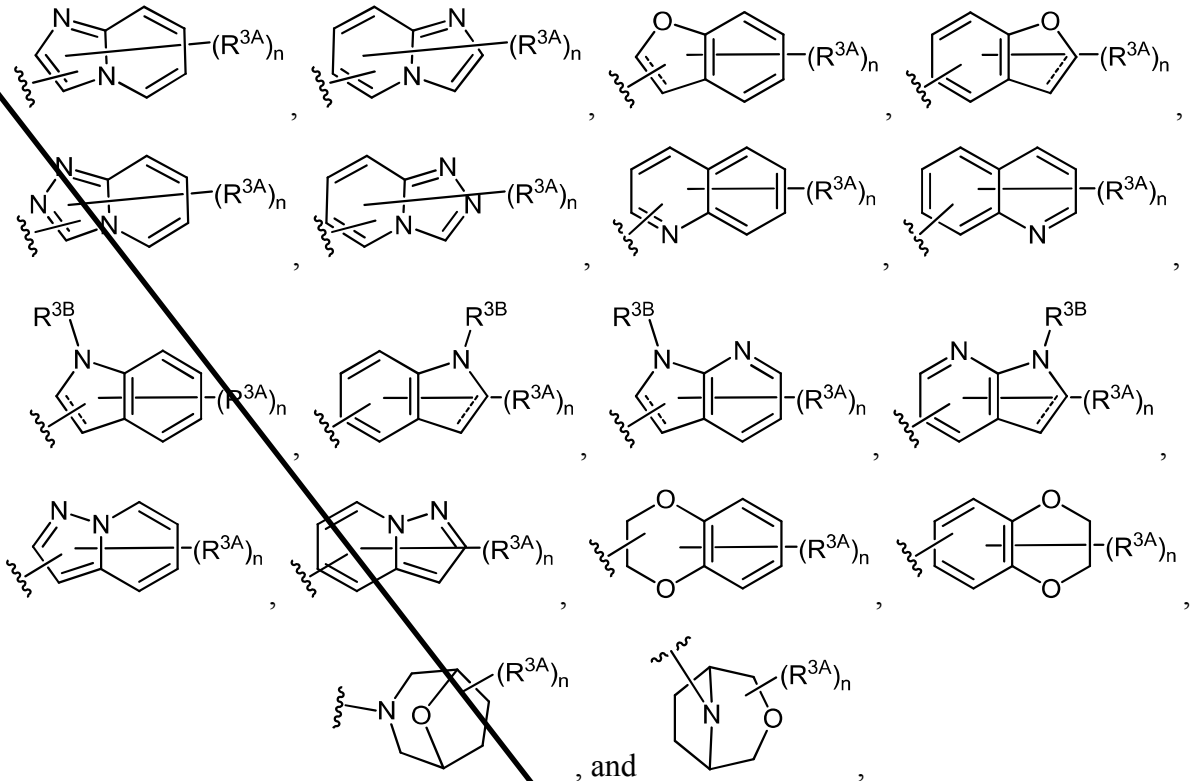
43. The compound of any one of claims 24-42, wherein Ring HET comprises a group $–L^1-R^3$ attached thereto.

44. The compound of claim 43, wherein L^1 is a bond, $–N(R^L)–$, $–NR^LC(O)O–$, $–NR^LC(O)N(R^L)–$, $–N(R^L)–$, $–N(R^L)SO_2N(R^L)–$, $-NR^L-(CH_2)_x-C(O)O-$,$-NR^L-(CH_2)_x-O-$, $–NR^LC(O)N(R^L)–$, $-NR^L-(CH_2)_x-$, $-(CH_2)_x-NR^L-$,$–NR^LC(O)O(CH_2)_x–$, $–NR^LC(O)NR^L(CH_2)_x–$,or $–NR^L(CH_2)_xNR^LC(O)–$, wherein x is 1, 2, 3, 4, 5, 6, 7, 8, 9, or 10.

45. The compound of claim 43 or 44, wherein R^3 is selected from the group consisting of:







wherein:

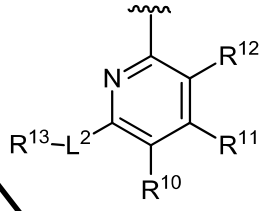
each instance of ----- independently represents a single or double bond;

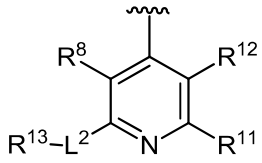
n is 0, 1, 2, or 3;

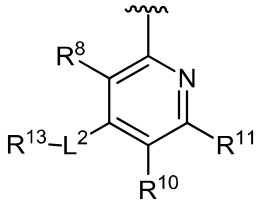
each instance of R^{3A} is independently hydroxyl, substituted hydroxyl, thiol, substituted thiol, amino, substituted amino, carbonyl, sulfonyl, sulfinyl, -CN, -NO_2, halogen, optionally substituted alkyl, or two R^{3A} groups are joined to form an optionally substituted carbocyclic, optionally substituted heterocyclic, optionally substituted aryl, or optionally substituted heteroaryl ring, or R^{3A} and R^{3B} groups are joined to form an optionally substituted carbocyclic, optionally substituted heterocyclic, optionally substituted aryl, or optionally substituted heteroaryl ring; and

R^{3B} is hydrogen, optionally substituted alkyl, or a nitrogen protecting group.

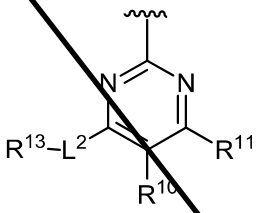
46. The compound of any one of claims 24-29 or 38-45, wherein Ring HET is a 6-membered monocyclic heteroaryl ring system of the Formula:

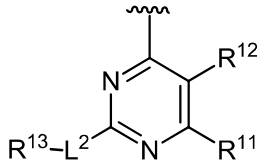


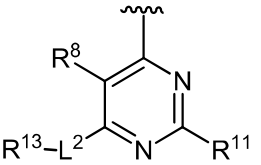
(i–a), 

(i–b), 

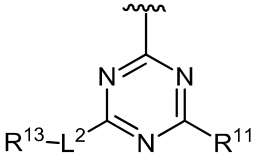
(i–d),



(i-e), 

(i-f), 

(i-g), or



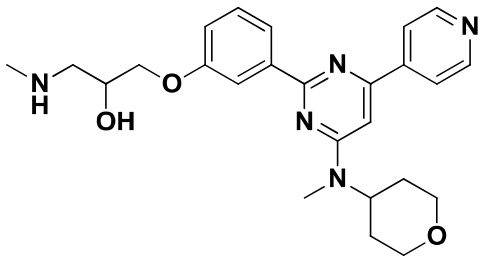
(i-h);

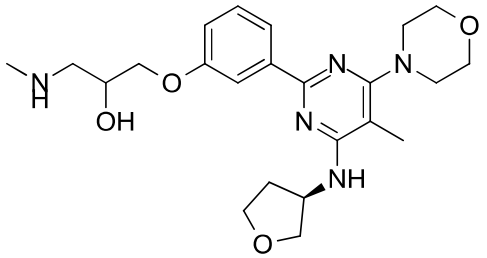
each instance of R^8, R^{10}, and R^{12} is independently selected from the group consisting of hydrogen, halo, –CN, –NO_2, –C(=O)R′, –C(=O)OR′, –C(=O)N(R′)$_2$, and optionally substituted alkyl;

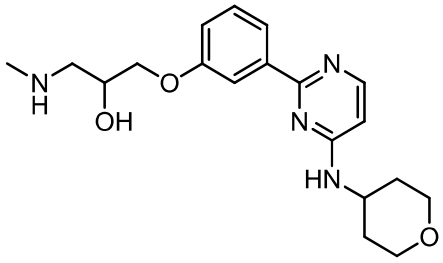
R^{11} is –L^1-R^3; and

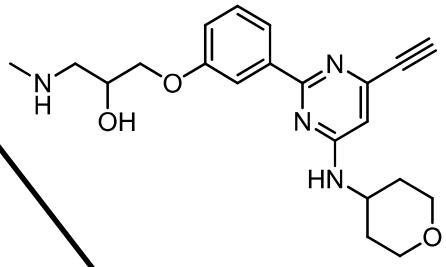
R^3 is optionally substituted alkyl, optionally substituted alkenyl, optionally substituted alkynyl, optionally substituted carbocyclyl, optionally substituted heterocyclyl, optionally substituted heteroaryl, or aryl unsubstituted or substituted with one or more substituents independently selected from the group consisting of halogen, -CN, -NO_2, -N_3, -SO_2H, -SO_3H, -OH, -OR^{aa}, -N(R^{bb})$_2$, -SH, -SR^{aa}, -C(=O)R^{aa}, -CO_2H, -CHO, -CO_2R^{aa}, -OC(=O)R^{aa}, -OCO_2R^{aa}, -C(=O)N(R^{bb})$_2$, -OC(=O)N(R^{bb})$_2$, C_{1-4} alkyl, C_{1-4} perhaloalkyl, C_{2-4} alkenyl, and C_{2-4} alkynyl.

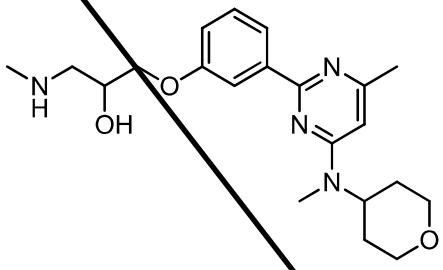
47. The compound of claim 1, wherein the compound is selected from the group consisting of:

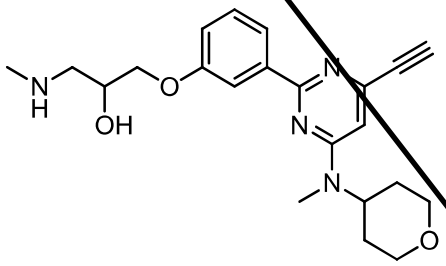
1-1 

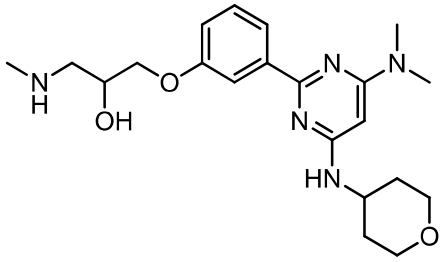
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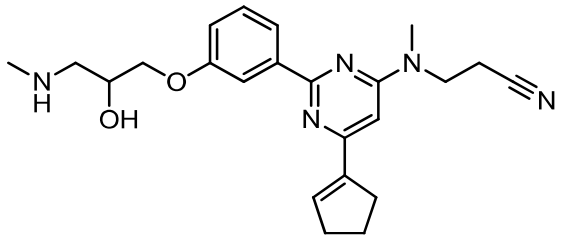
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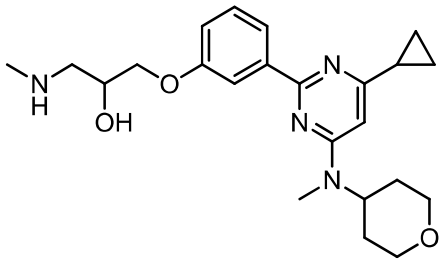
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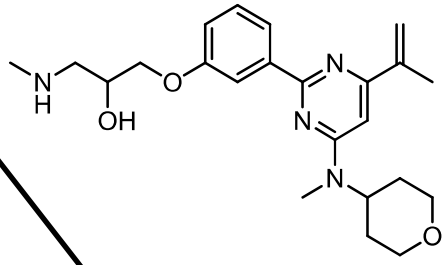
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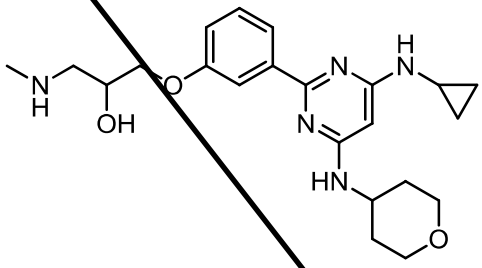
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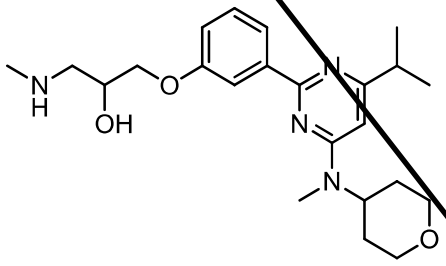
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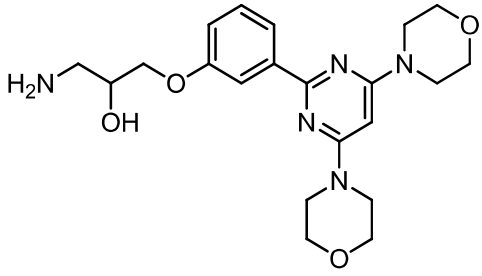
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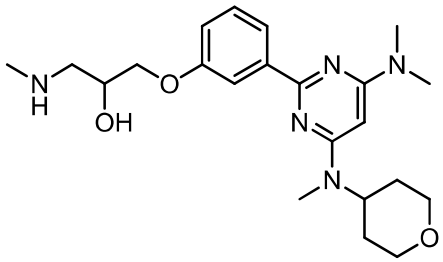
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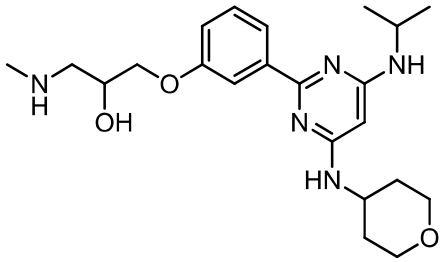
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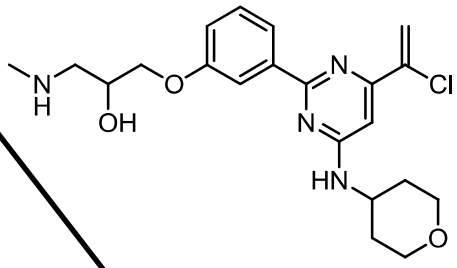
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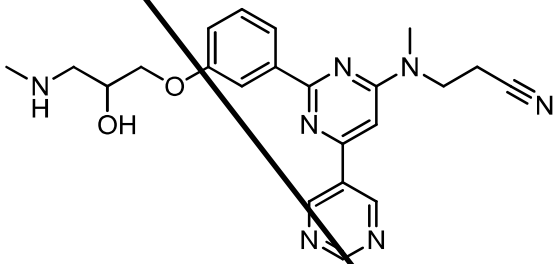
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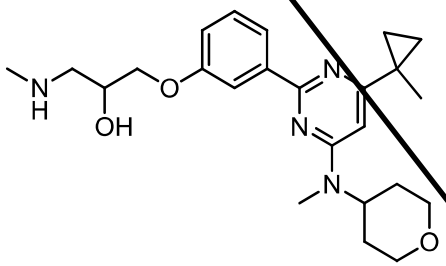
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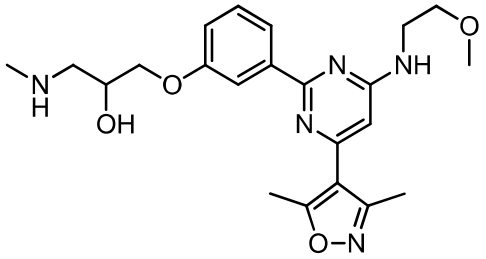
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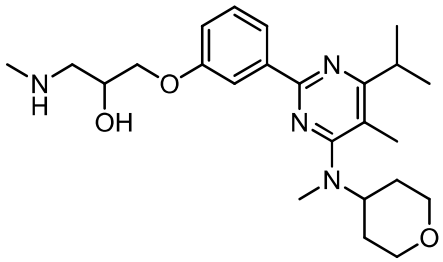
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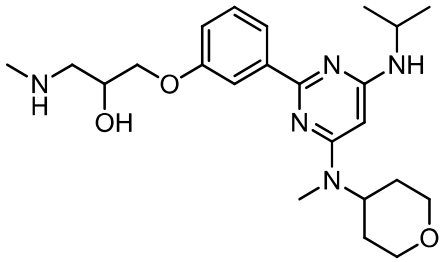
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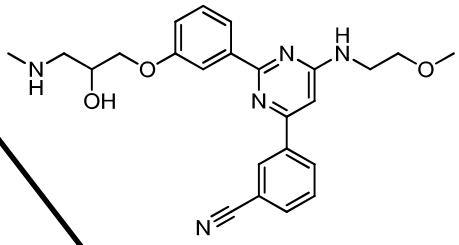
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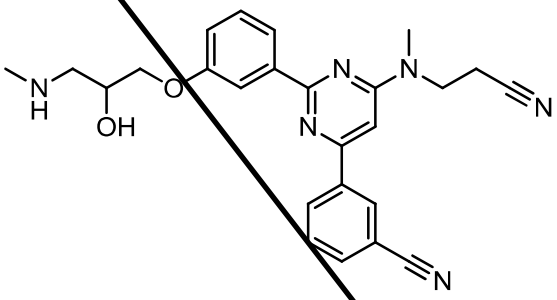
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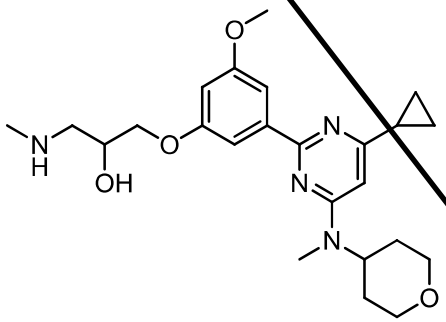
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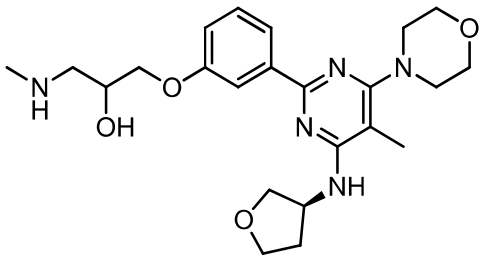
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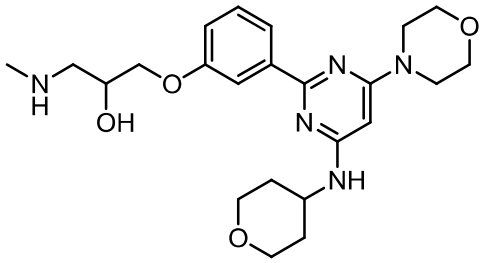


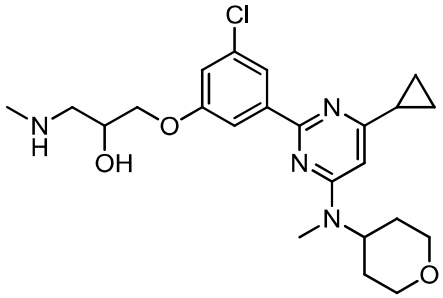
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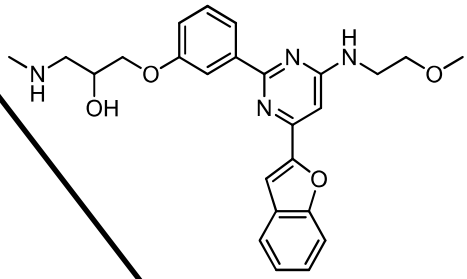


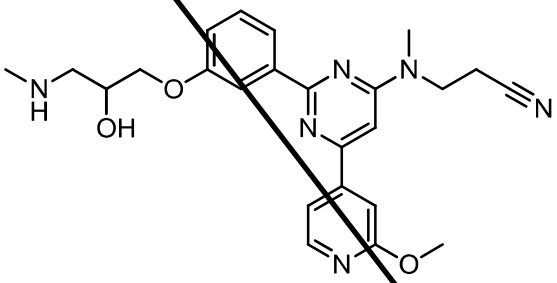
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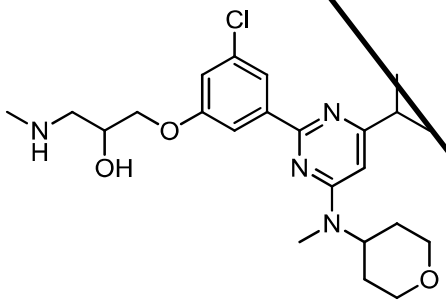


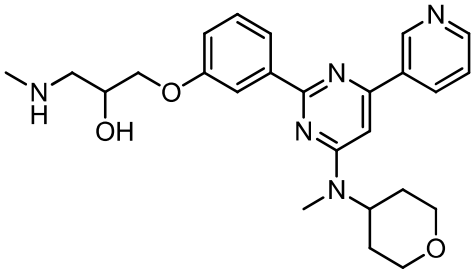
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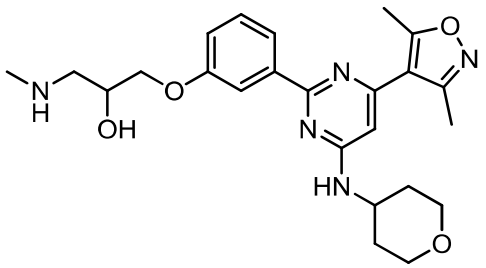
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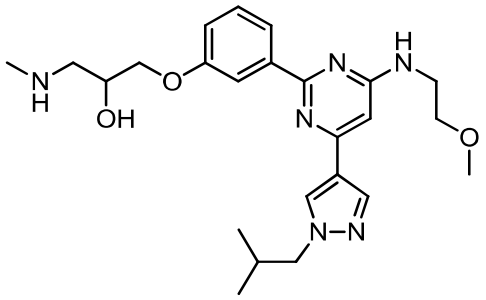
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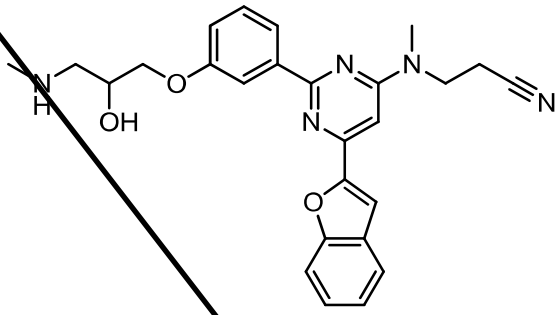
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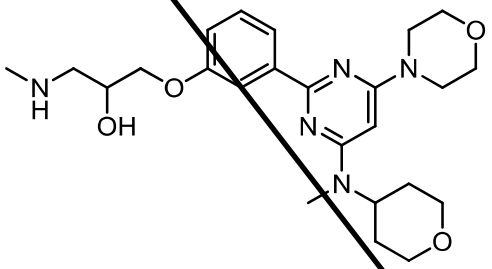
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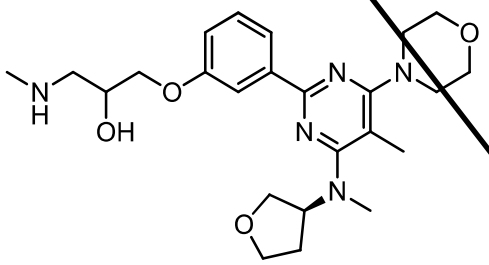
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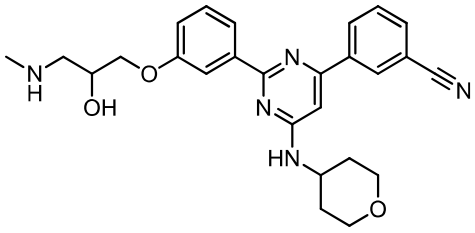
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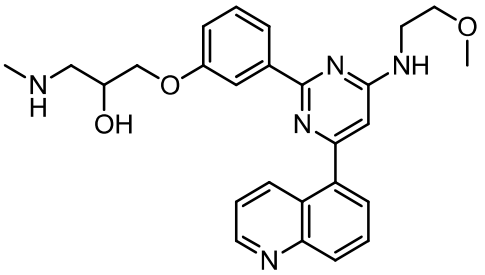
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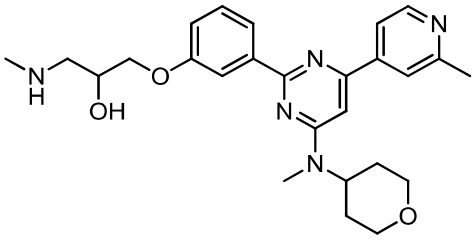
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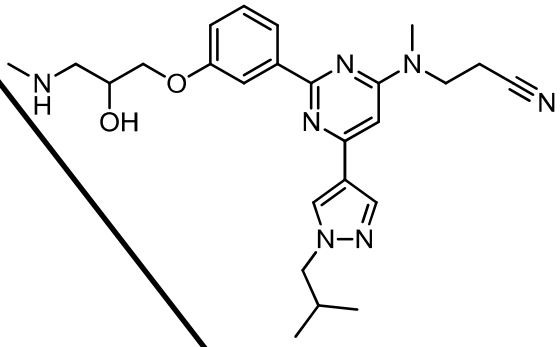
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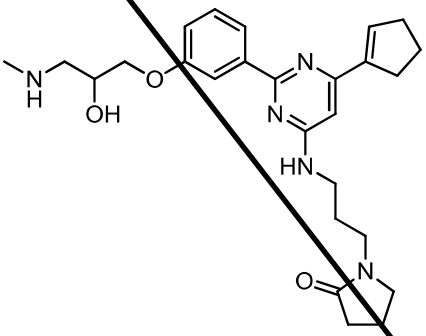
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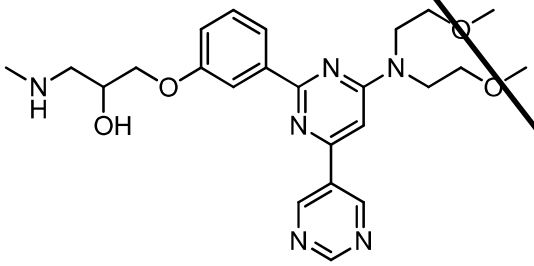
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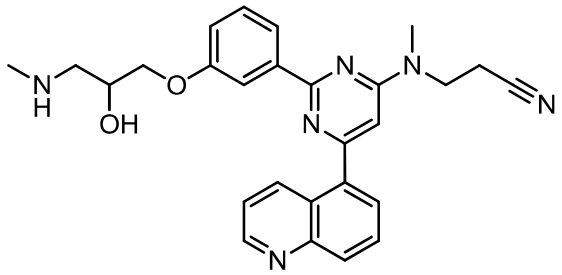
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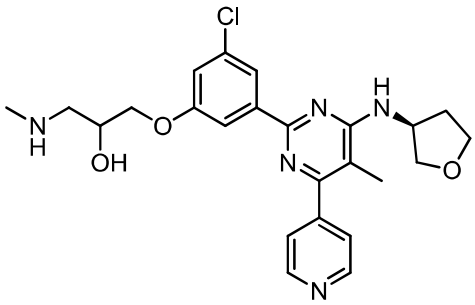
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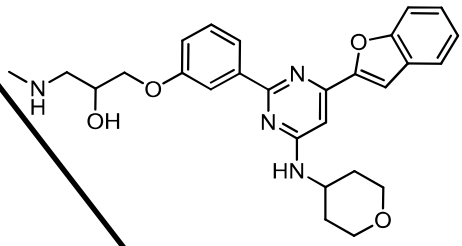
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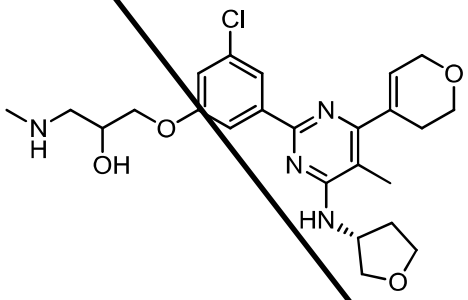
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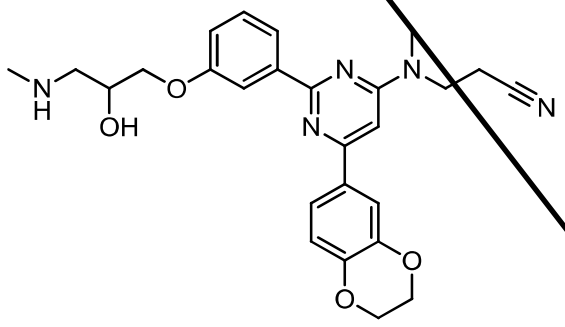
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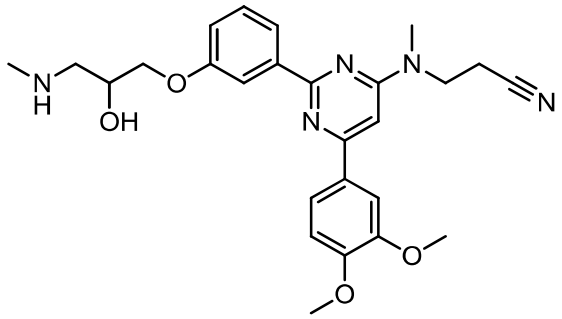
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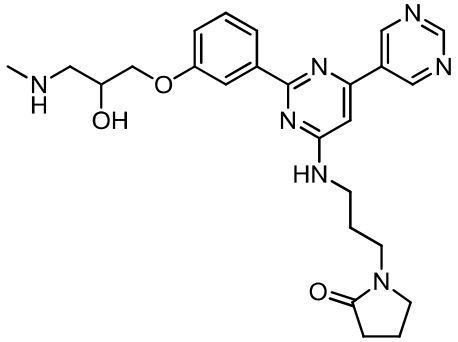
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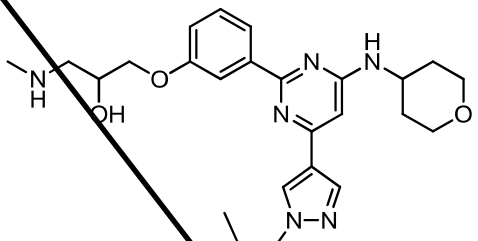
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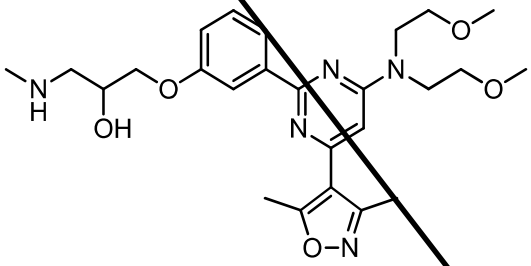
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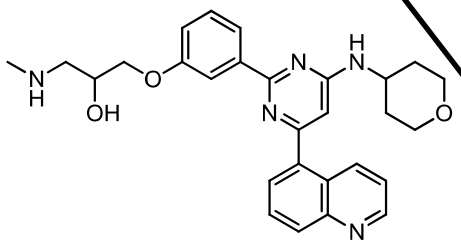
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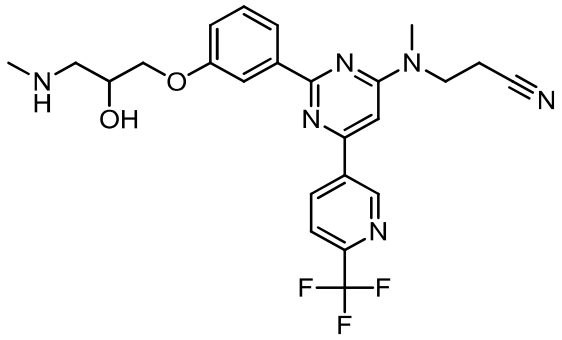
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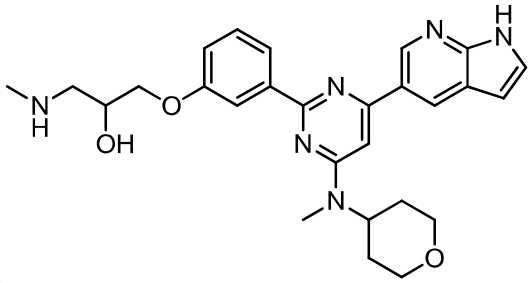
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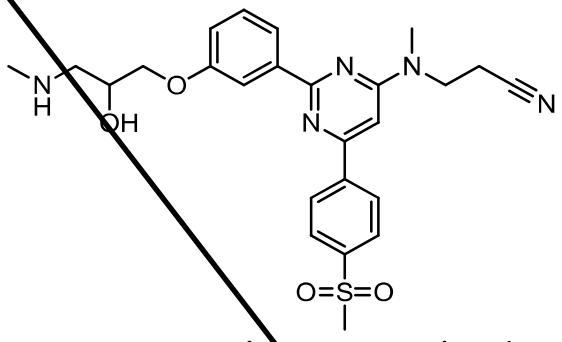
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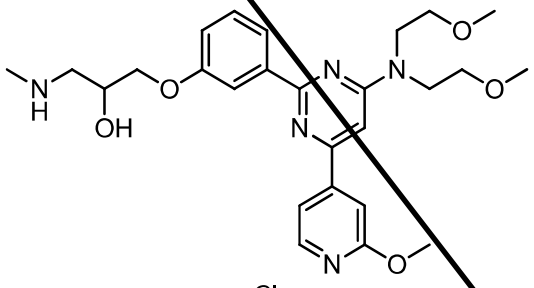
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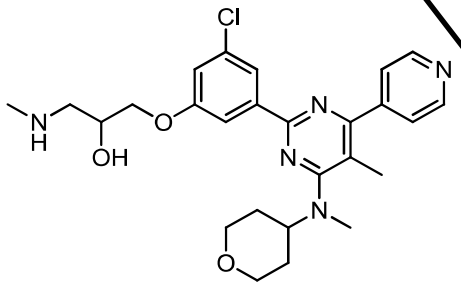
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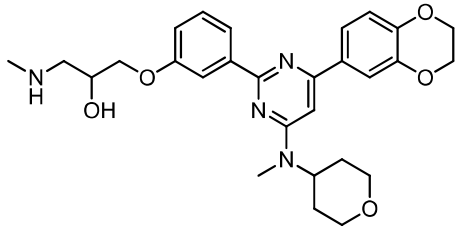


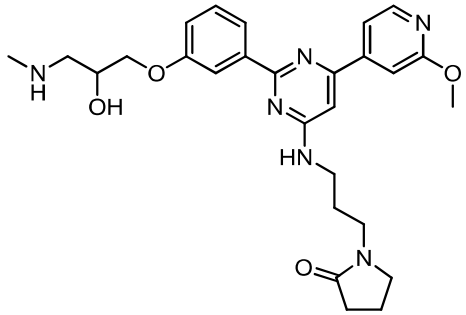
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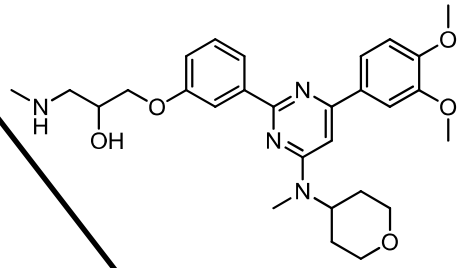


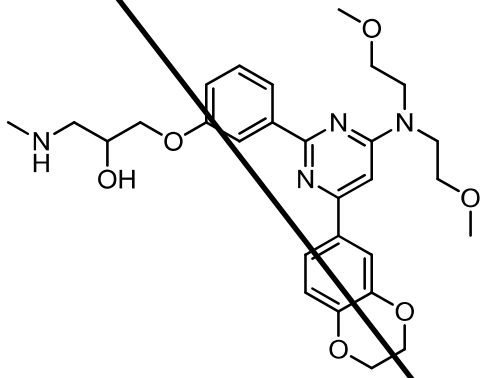
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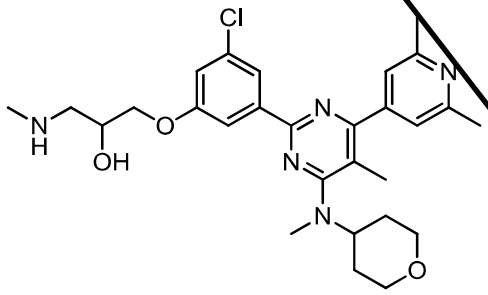


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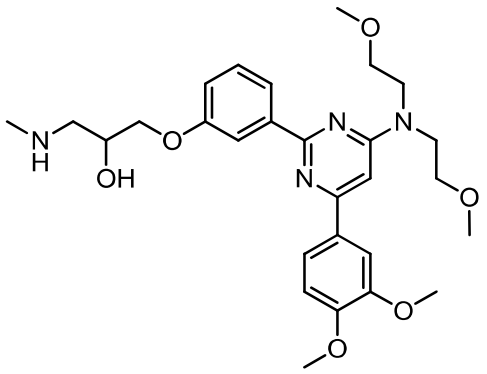
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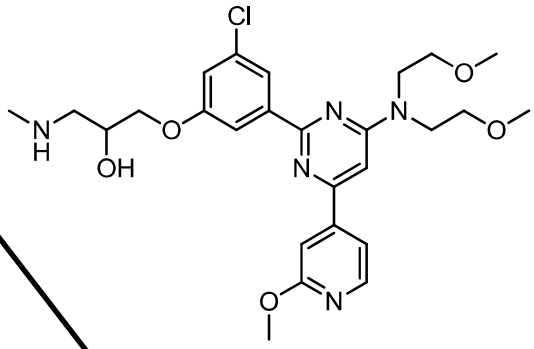
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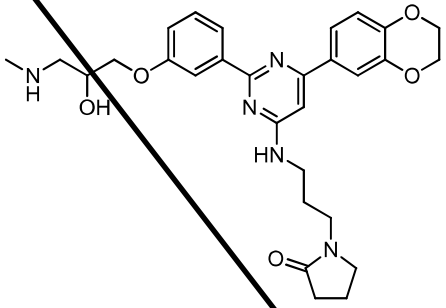
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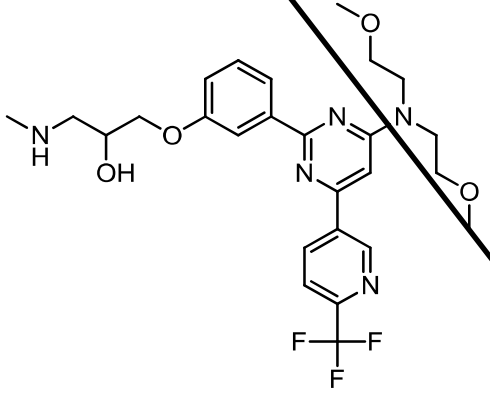
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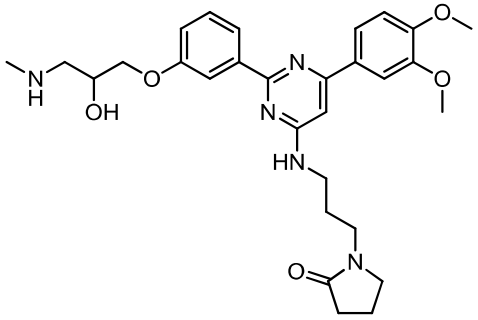
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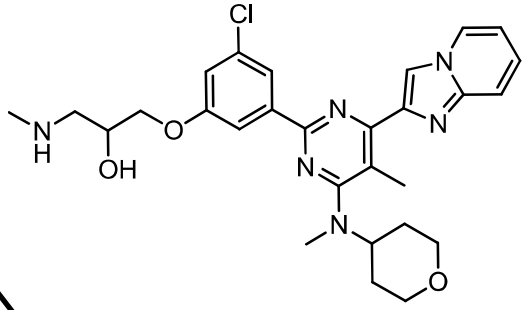
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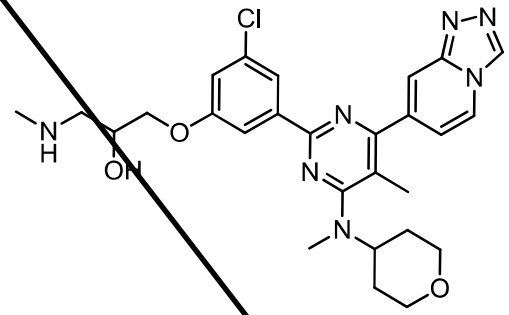
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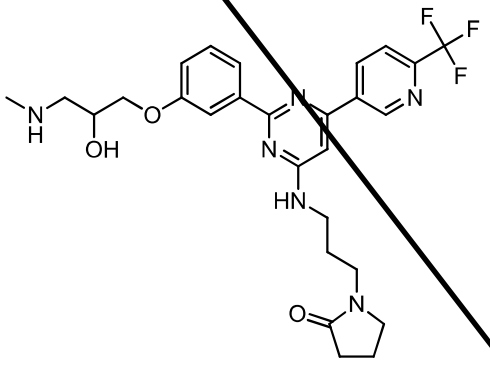
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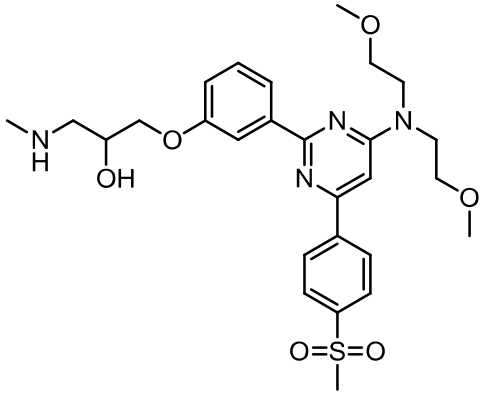
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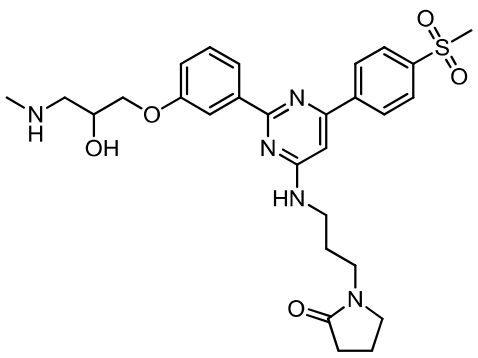


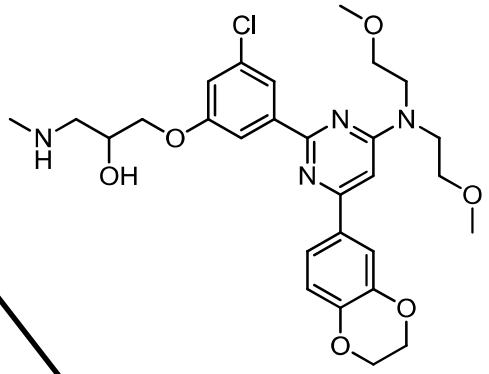
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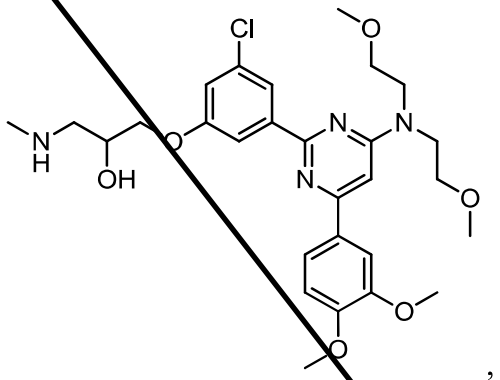


72-1



73-1 

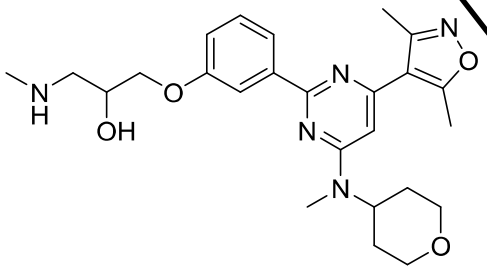
74-1 

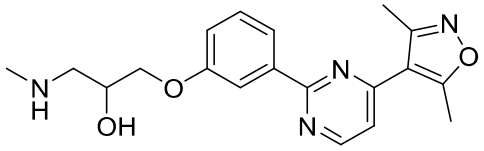
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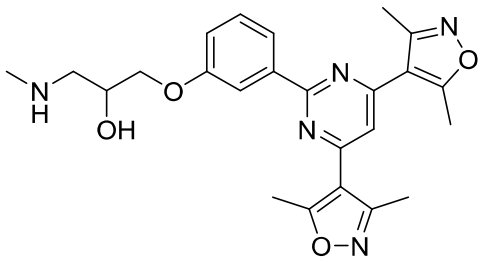
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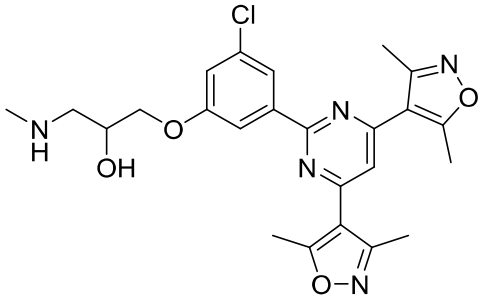
and pharmaceutically acceptable salts thereof.

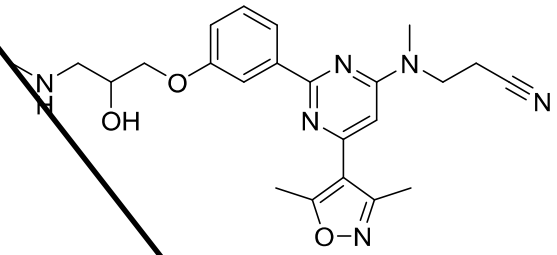
48. The compound of claim 1, wherein the compound is selected from the group consisting of:

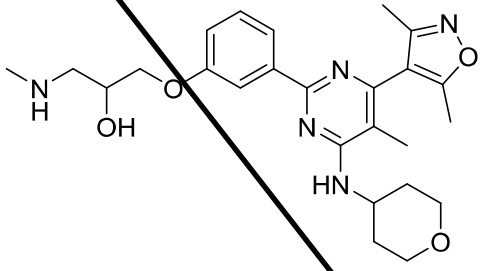
1-1a 

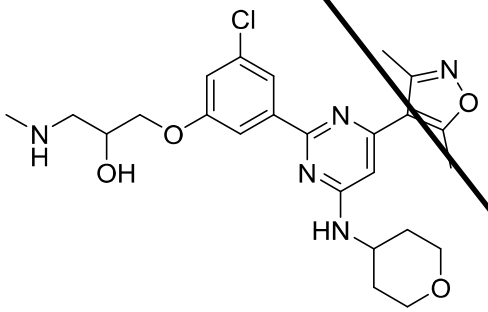
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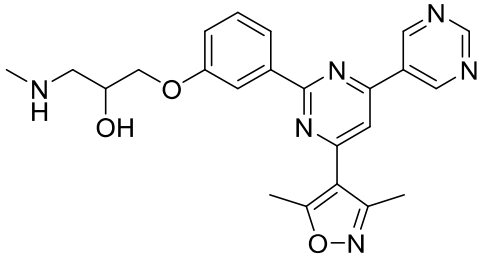
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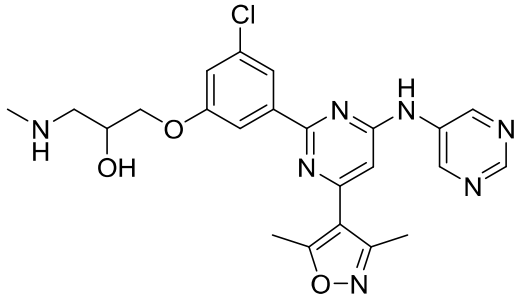
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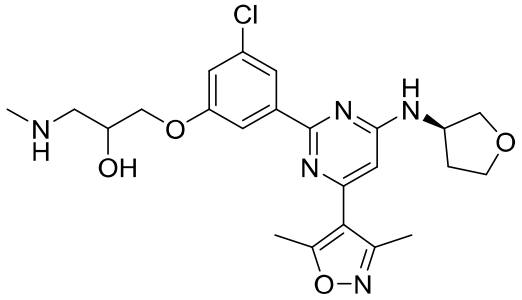
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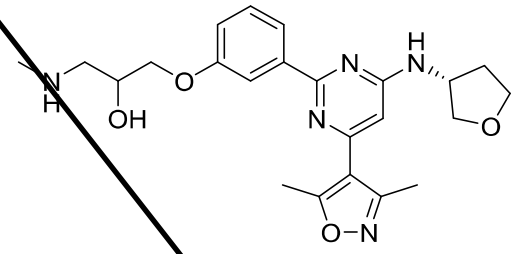
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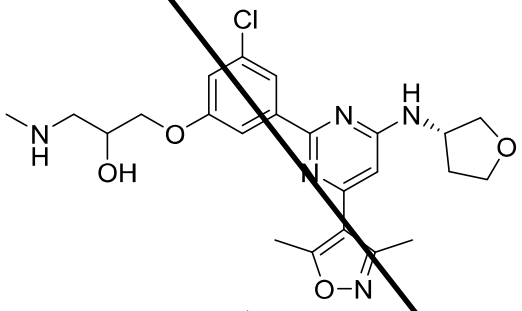
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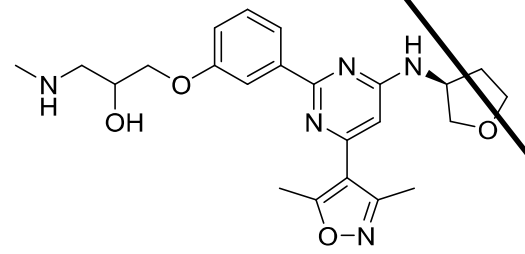
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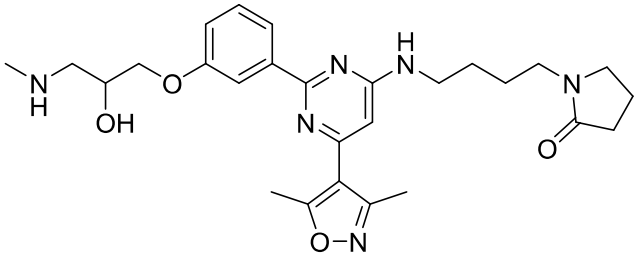
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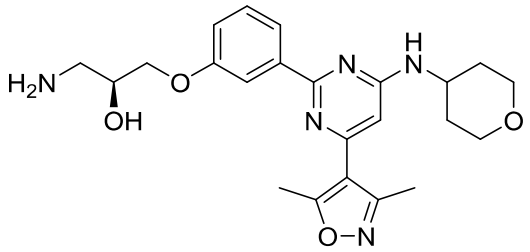
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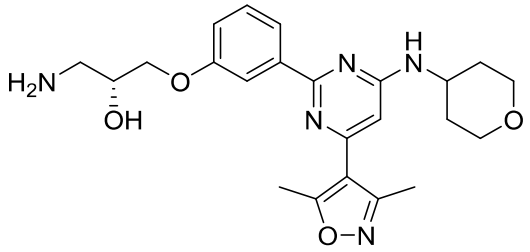
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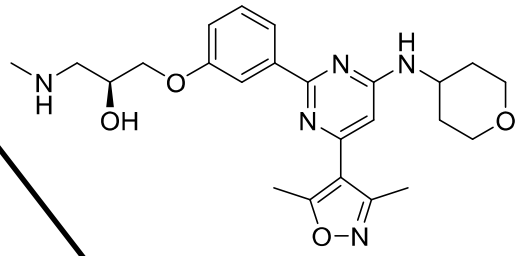
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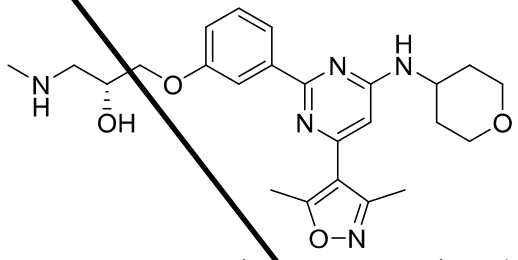
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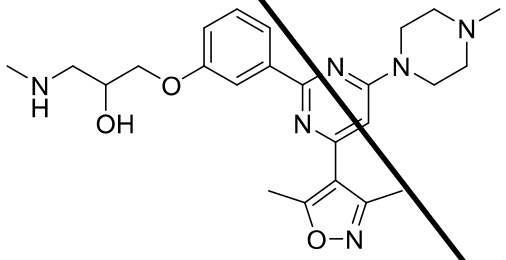
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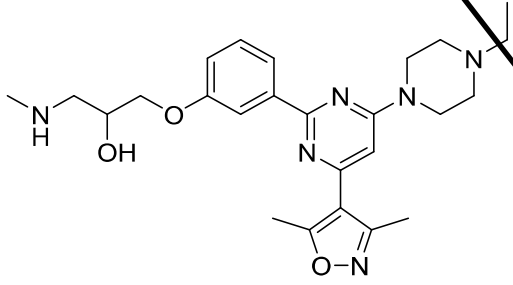
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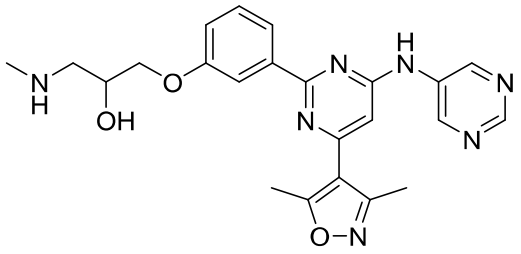
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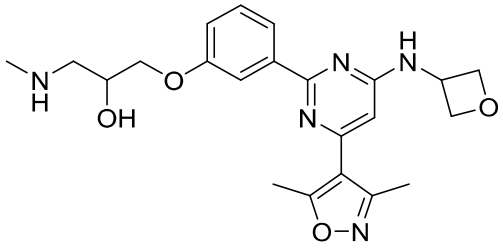
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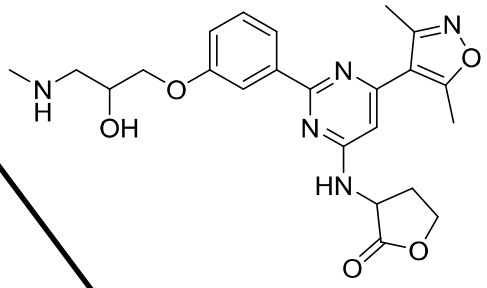
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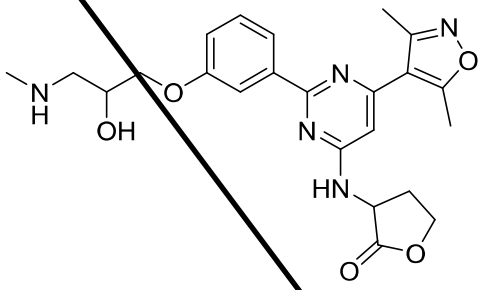
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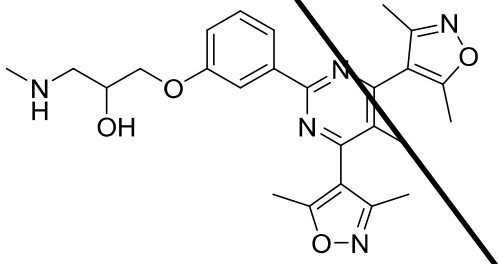
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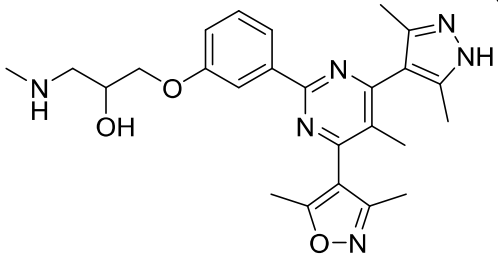
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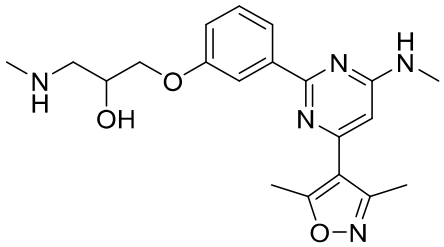
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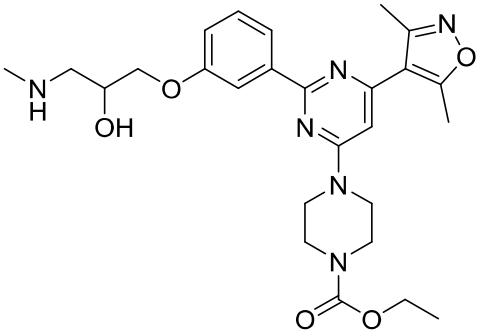
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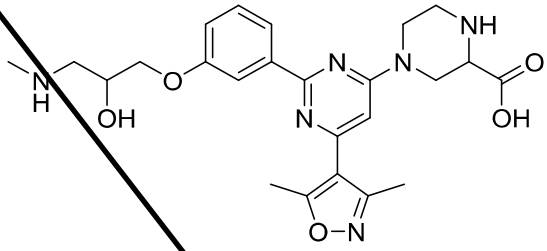
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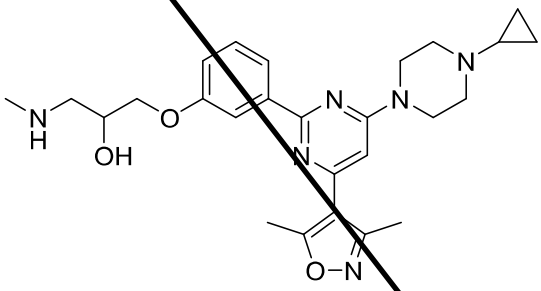
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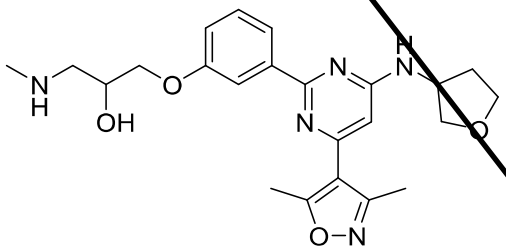
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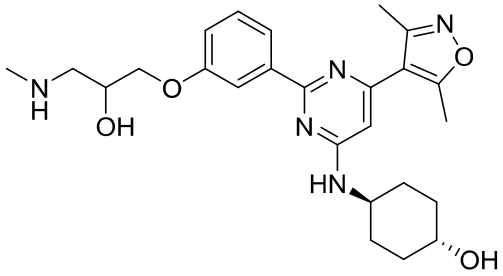
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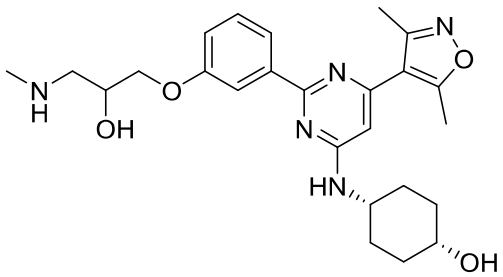
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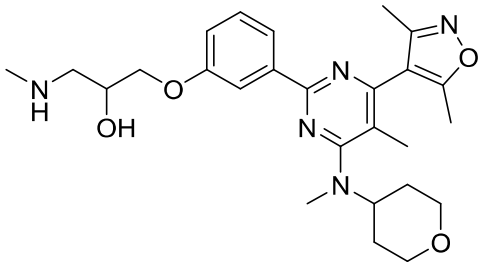
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32-1a 

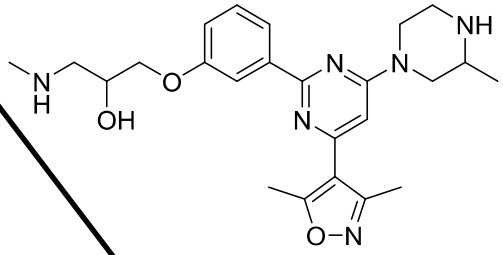
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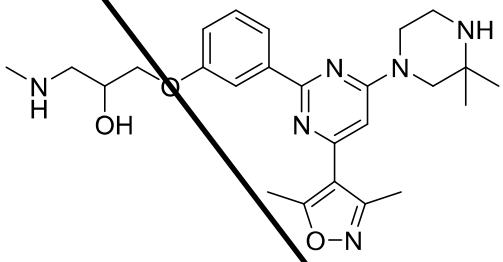
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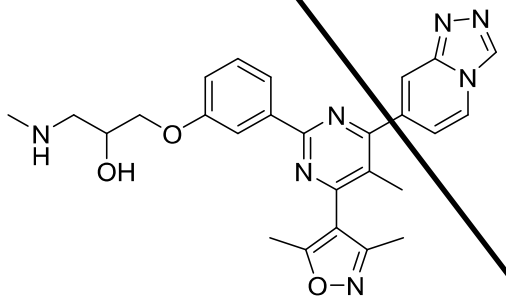
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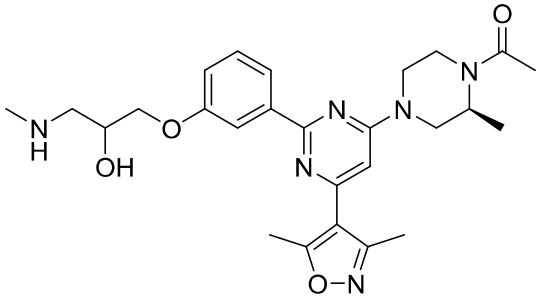
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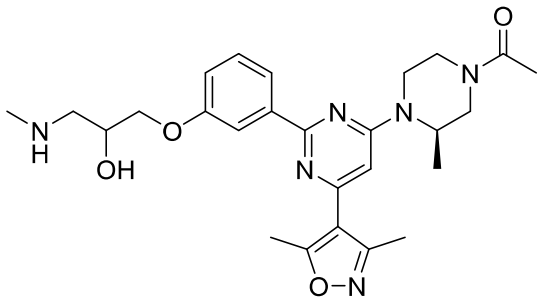
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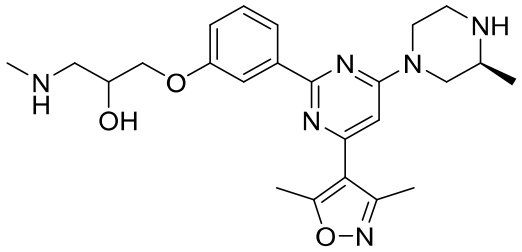
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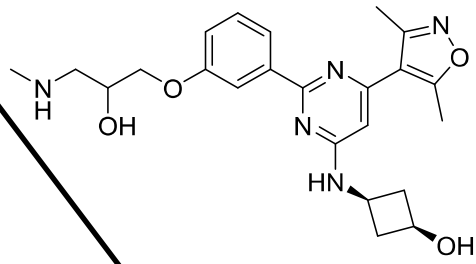
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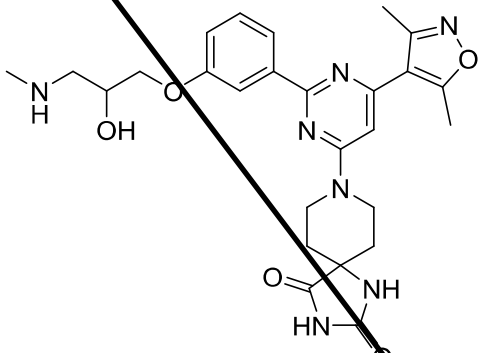
40-1a



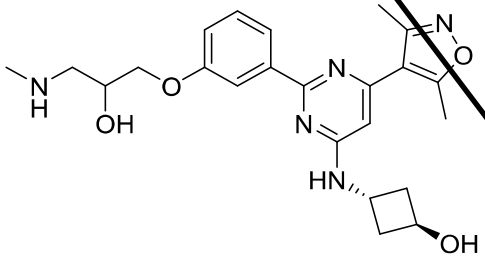
41-1a



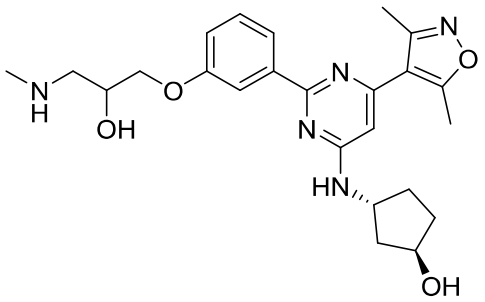
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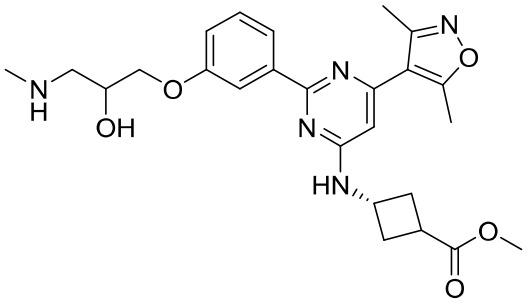
43-1a



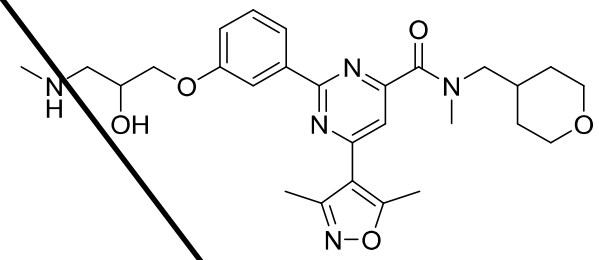
44-1a



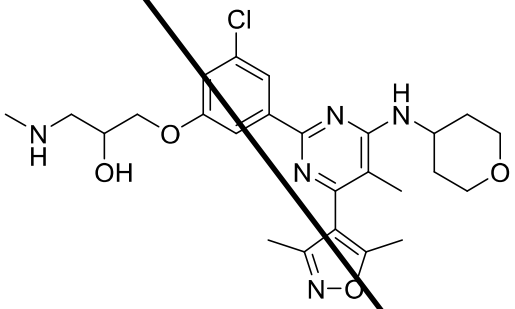
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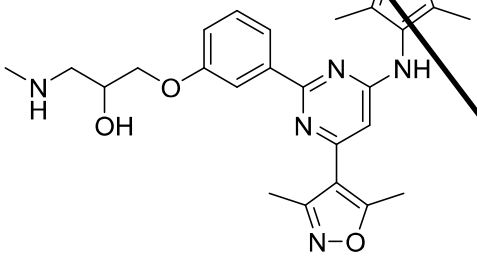
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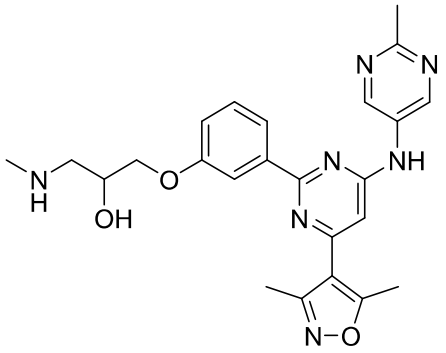
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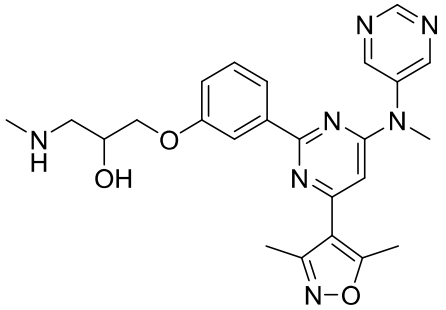
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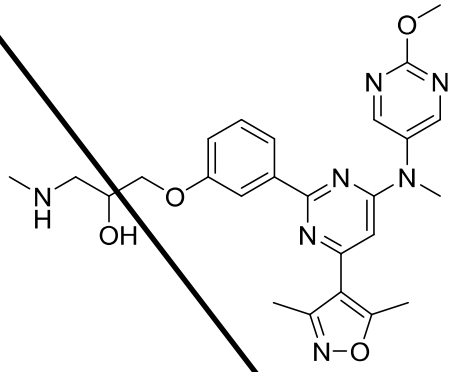
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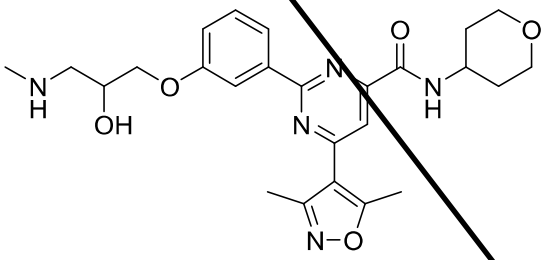
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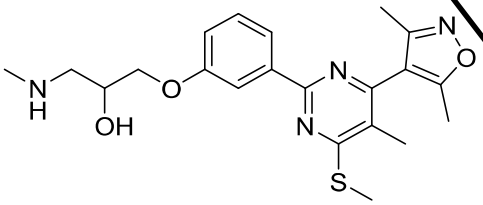
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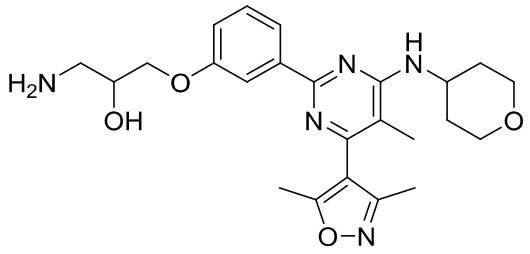


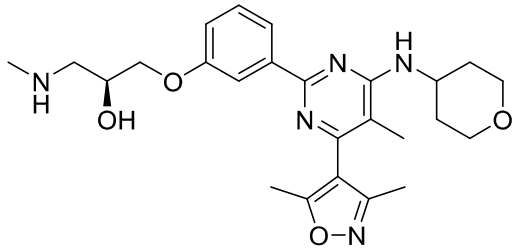
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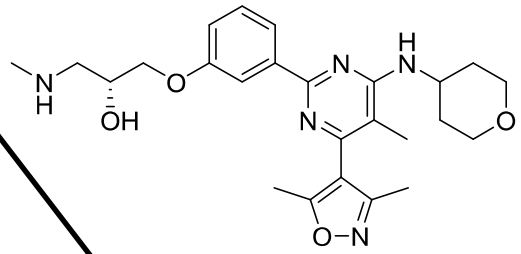


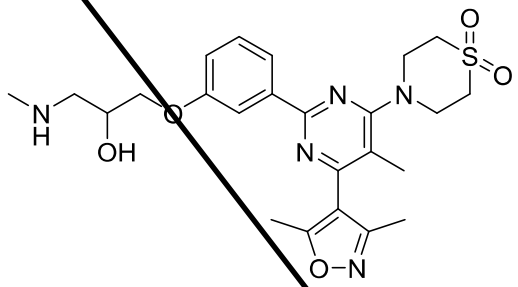
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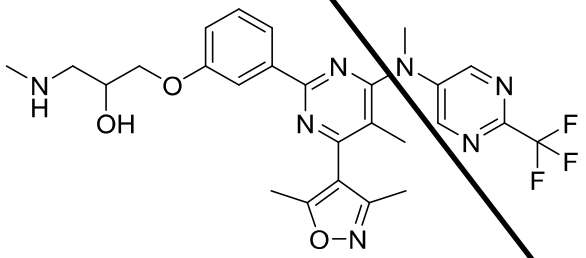


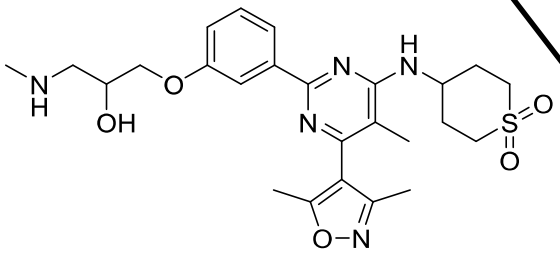
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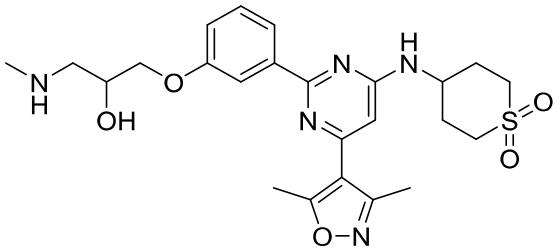
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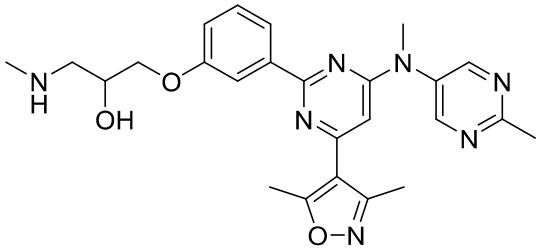
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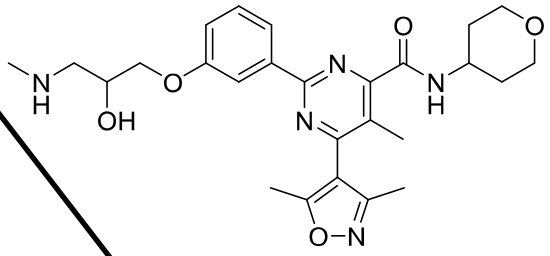
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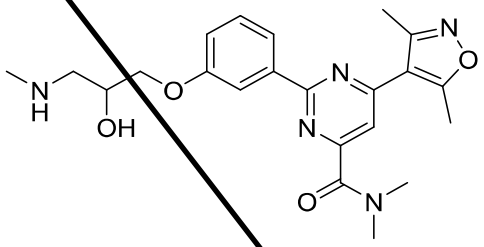
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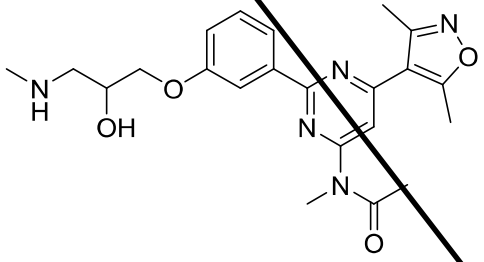
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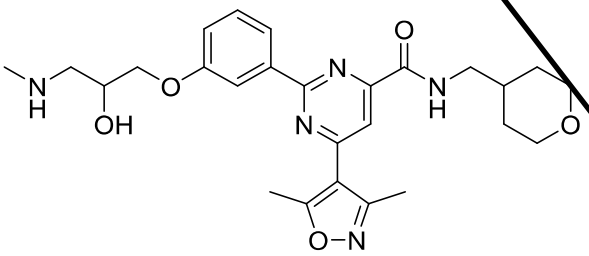
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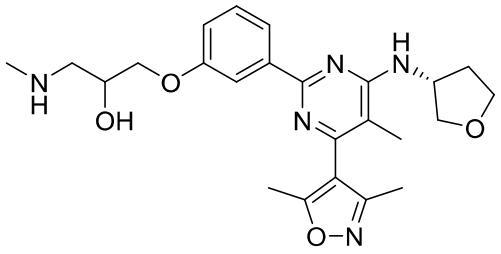
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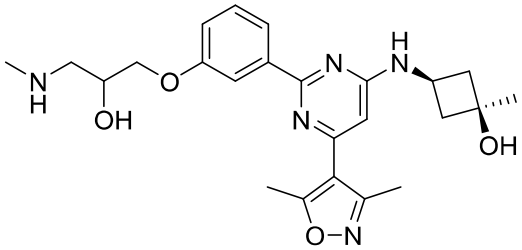
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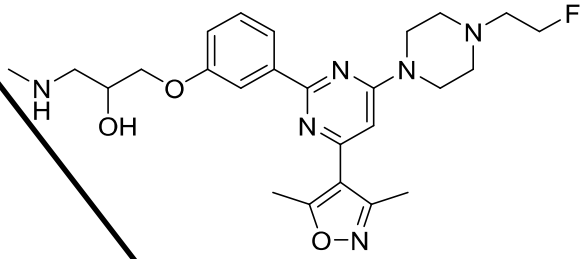
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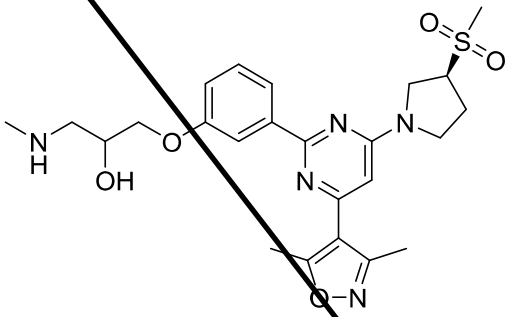
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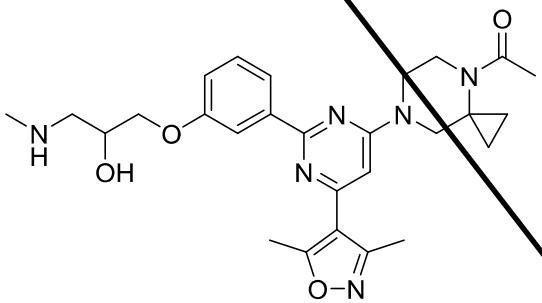
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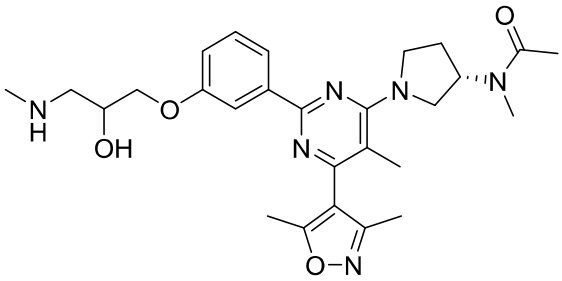
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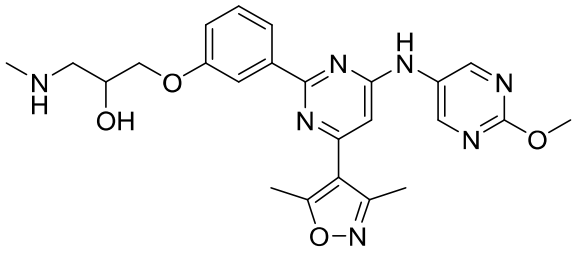
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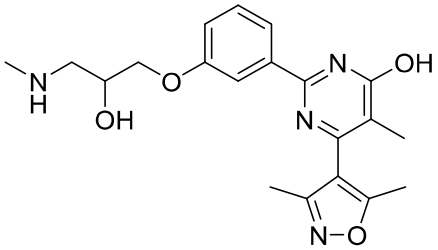
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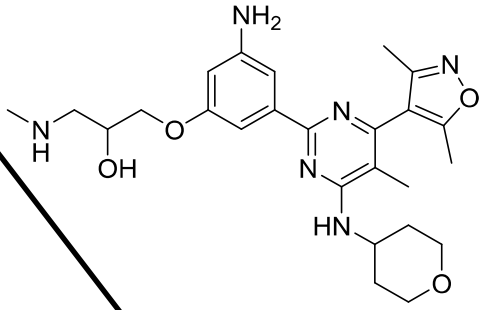
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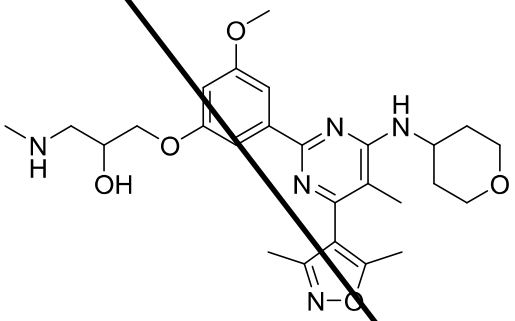
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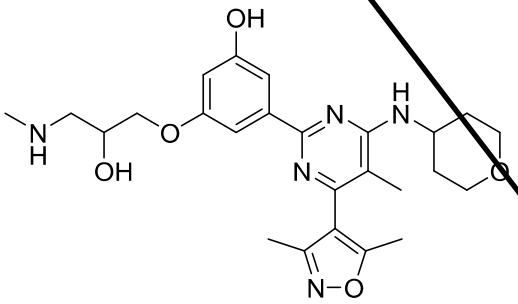
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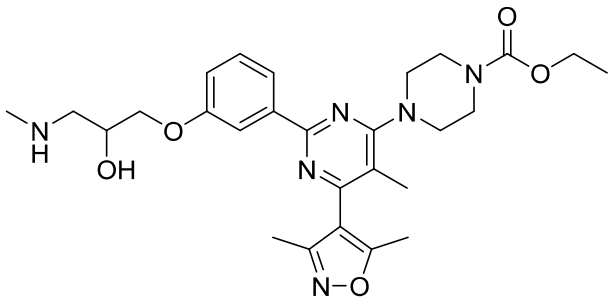
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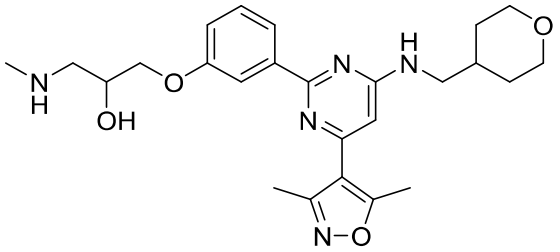
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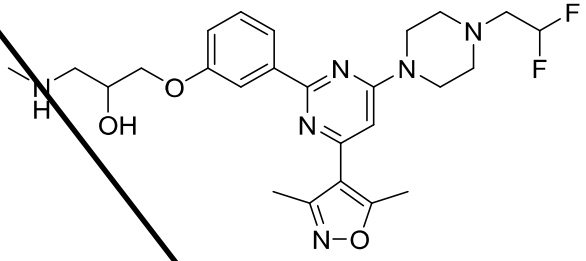
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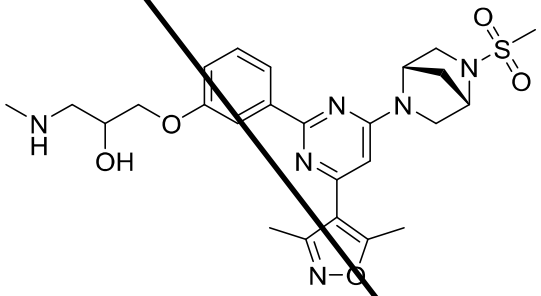
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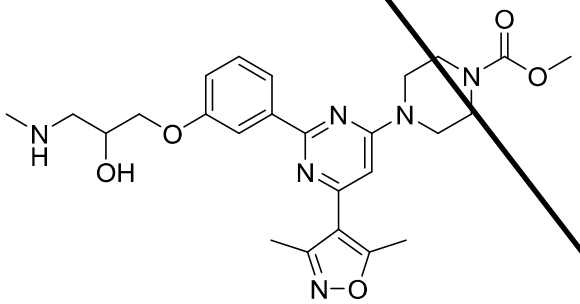
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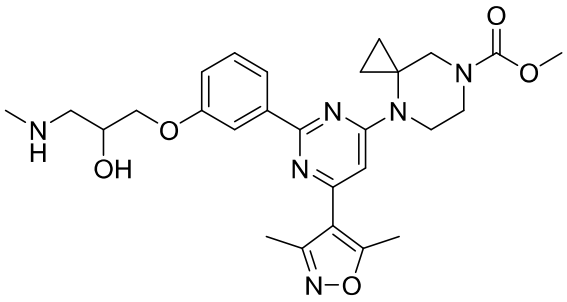
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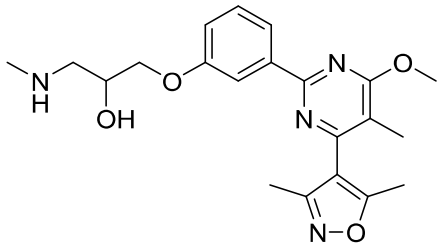
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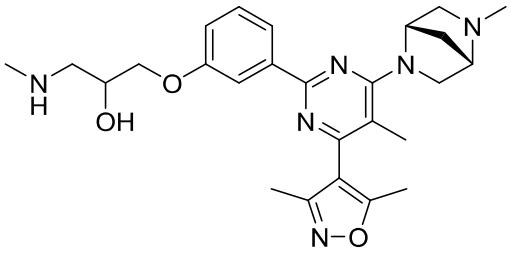
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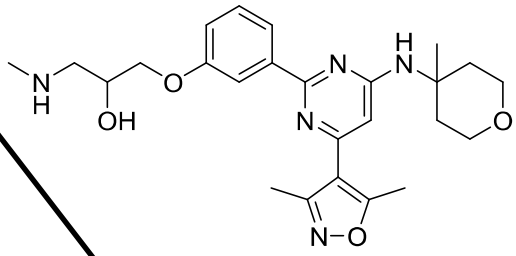
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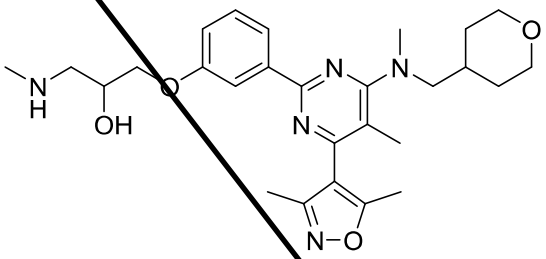
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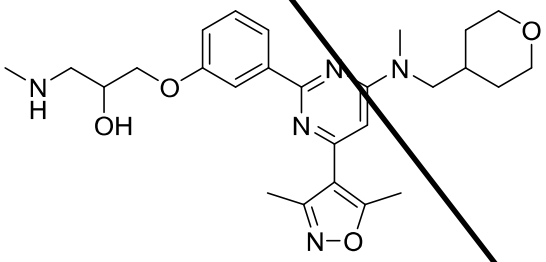
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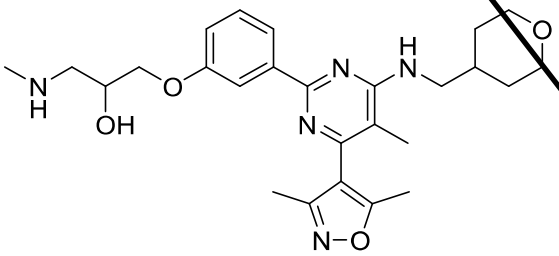
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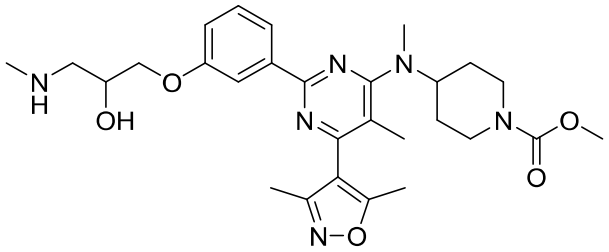
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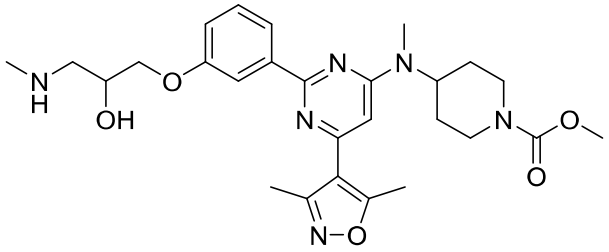
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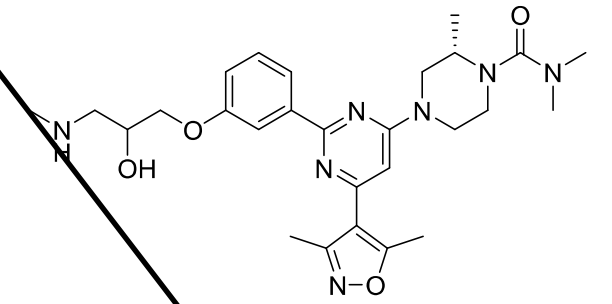
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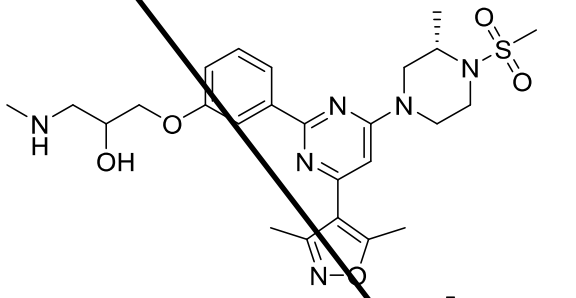
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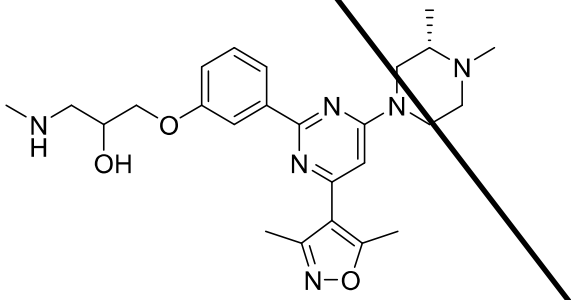
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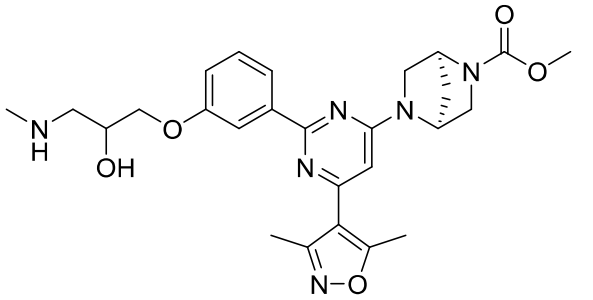
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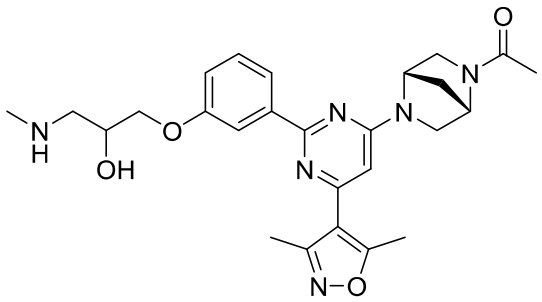
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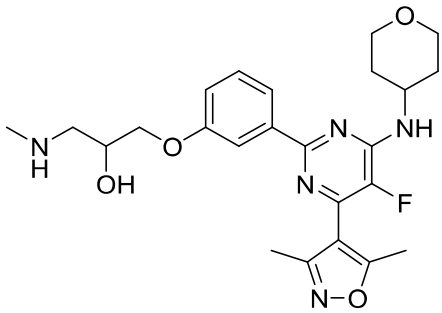
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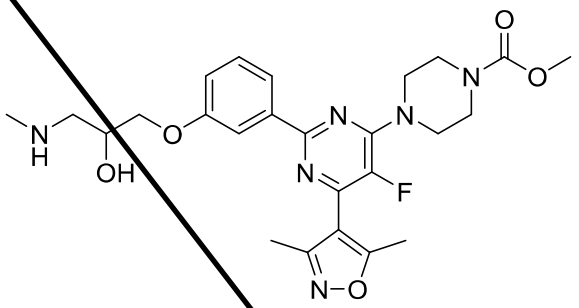
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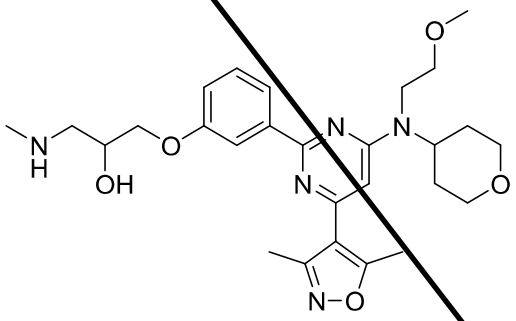
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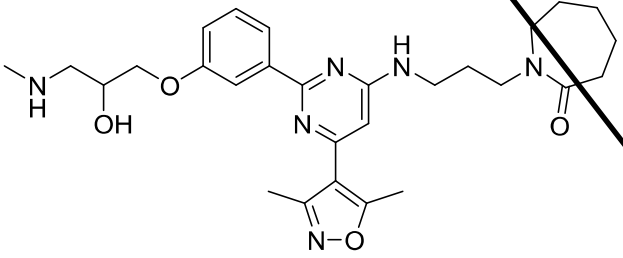
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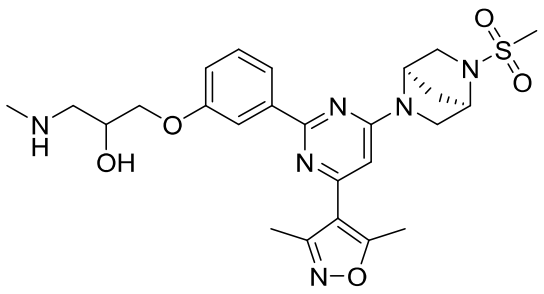


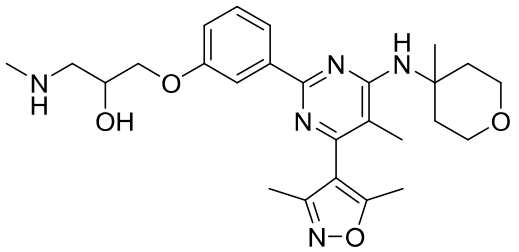
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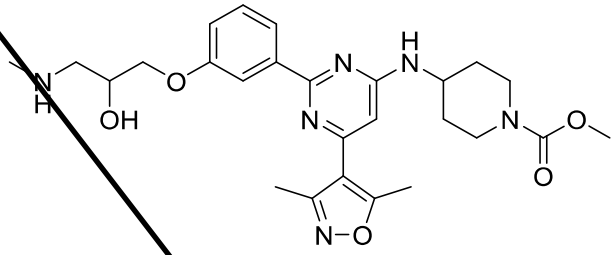


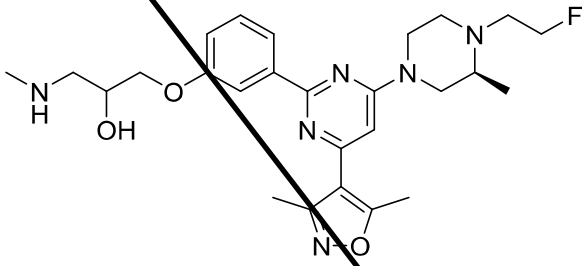
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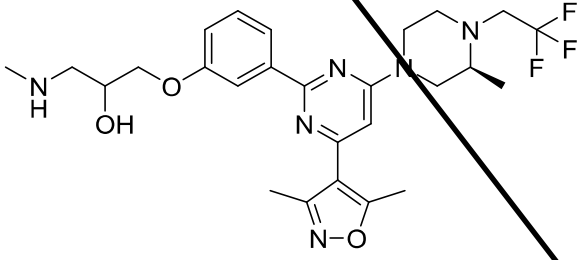


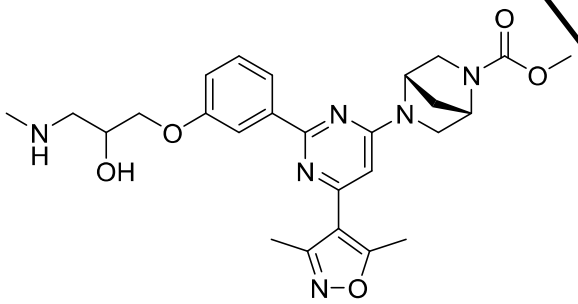
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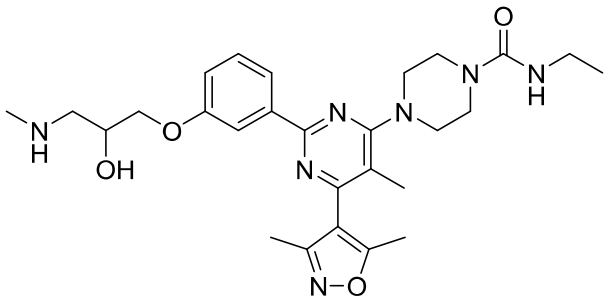
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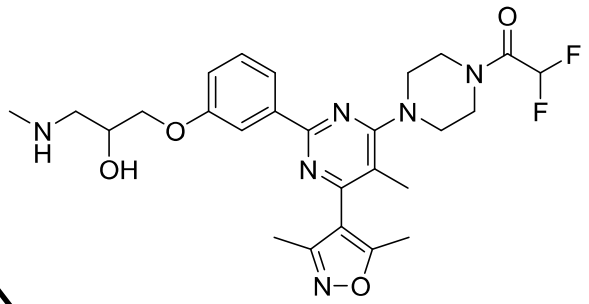
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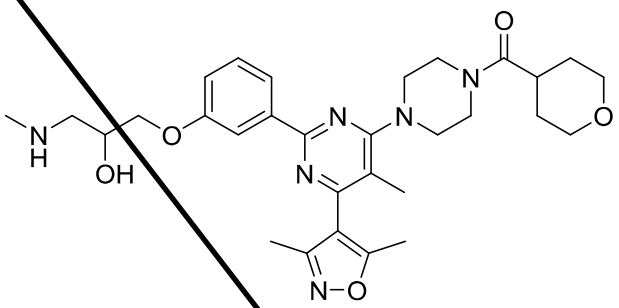
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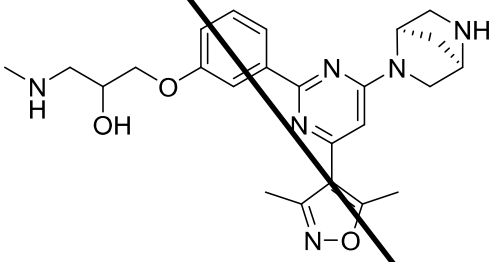
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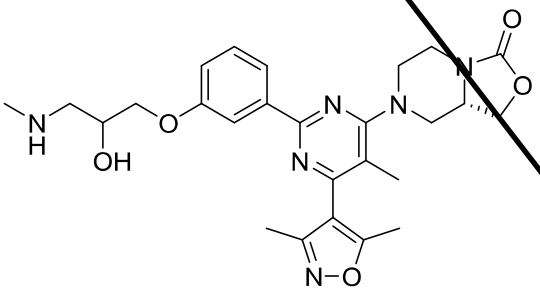
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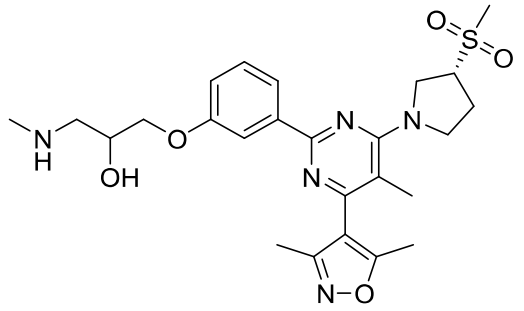
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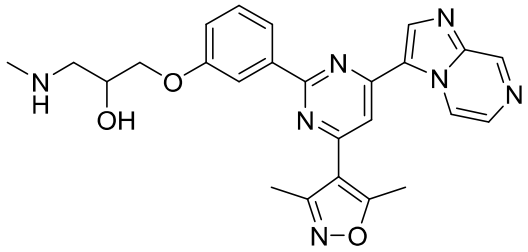
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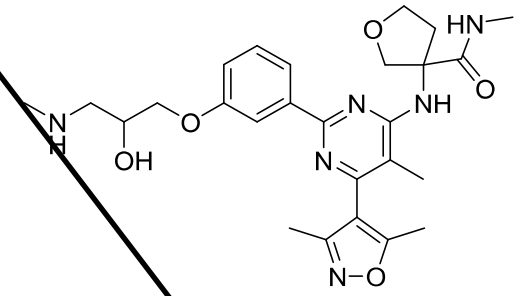
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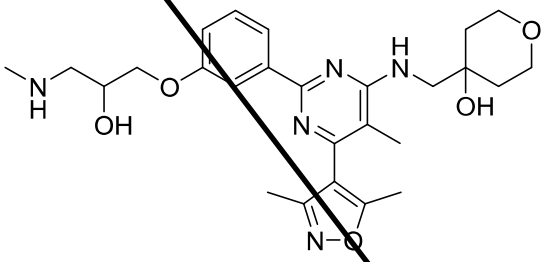
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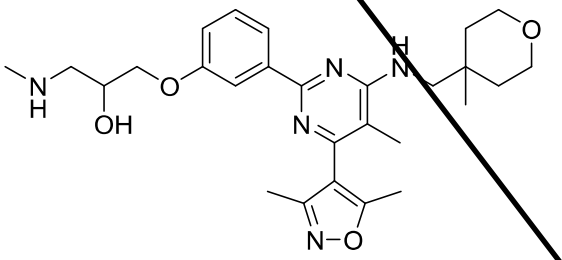
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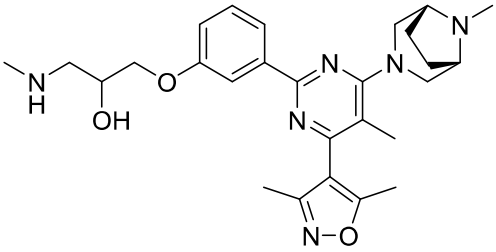
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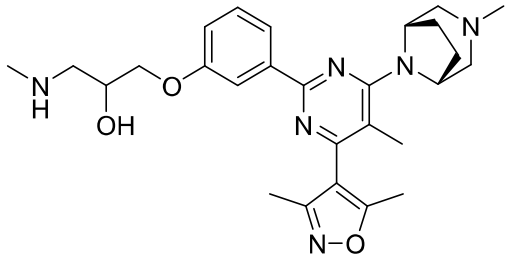
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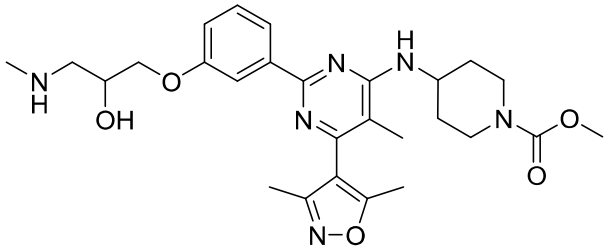
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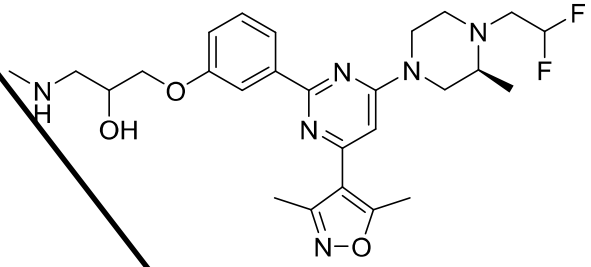
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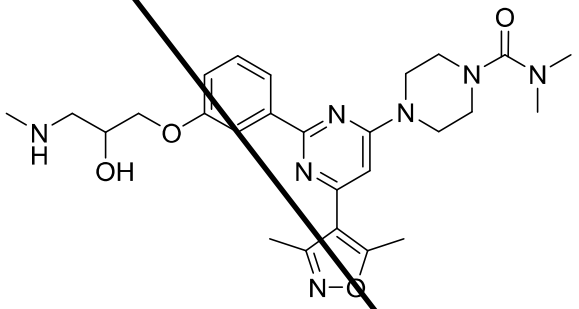
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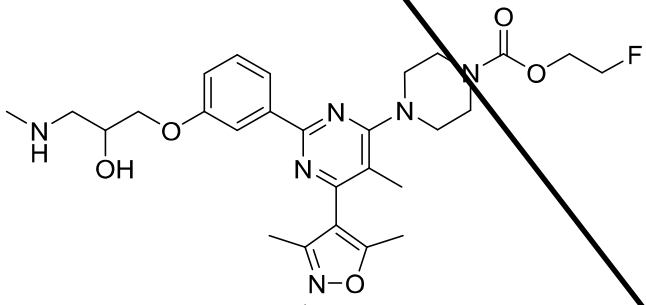
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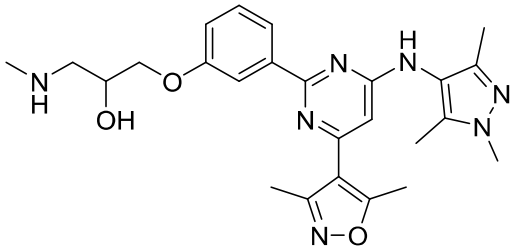
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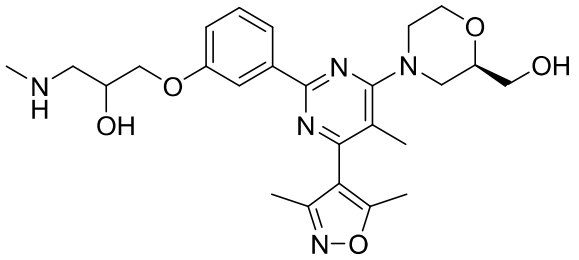


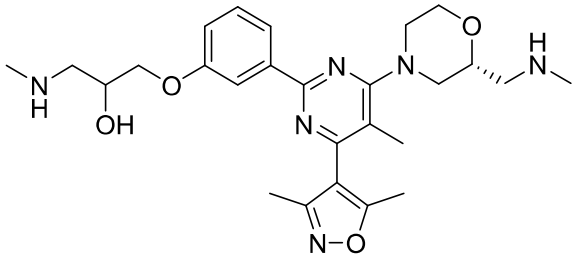
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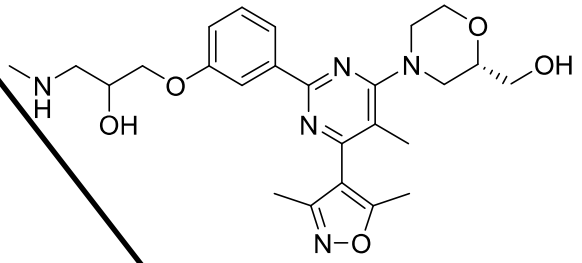


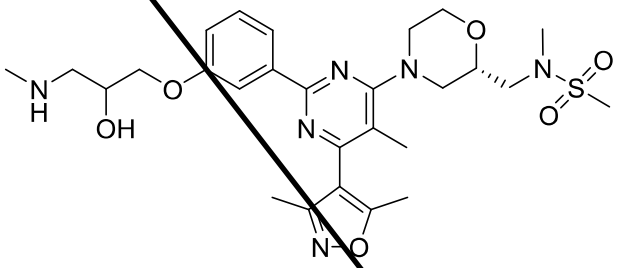
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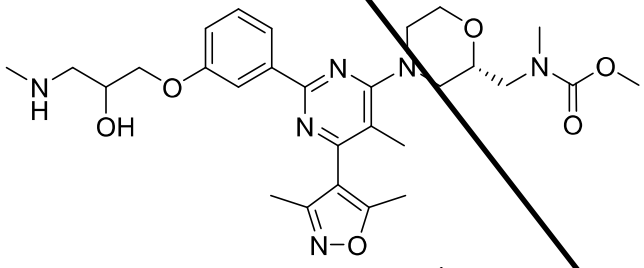


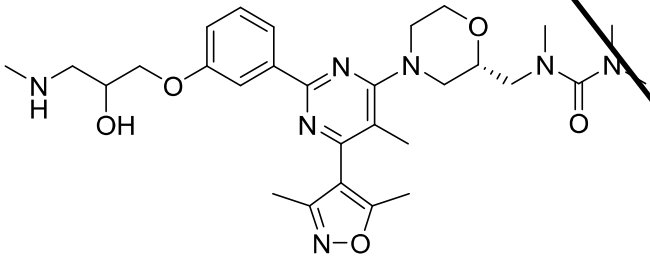
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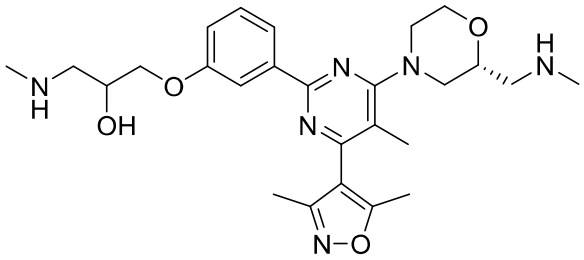
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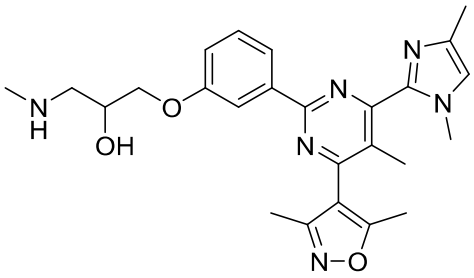
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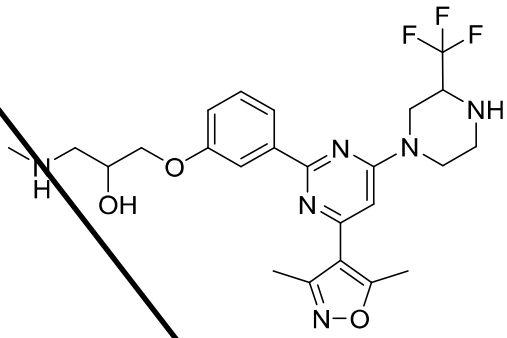
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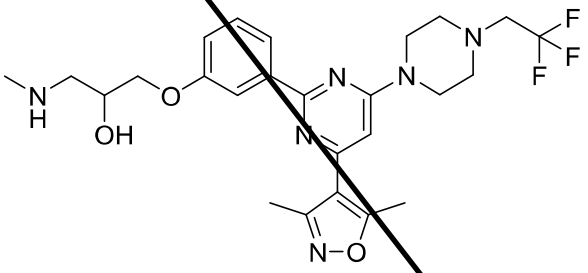
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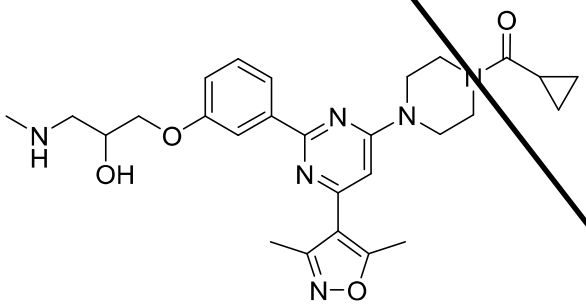
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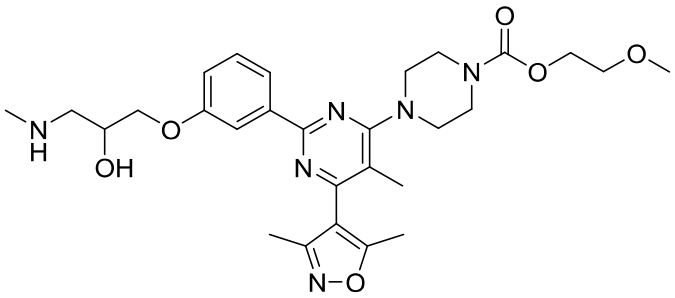
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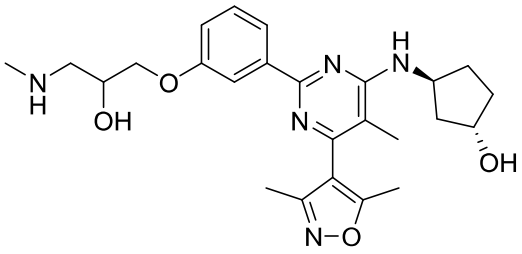
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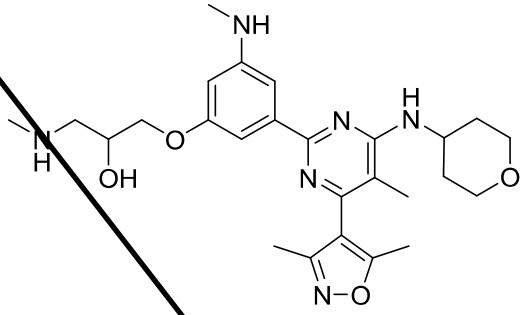
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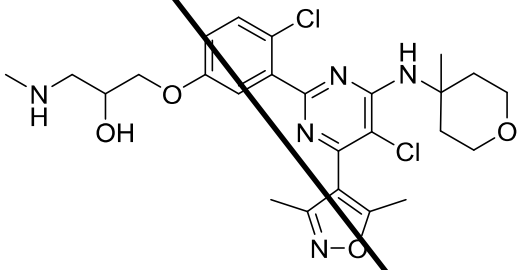
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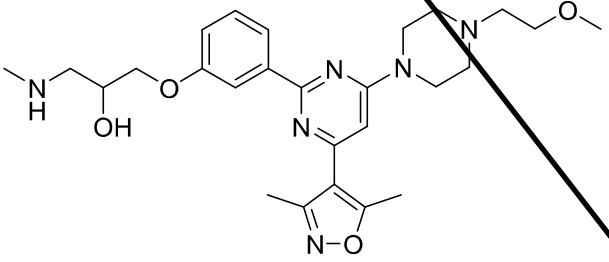
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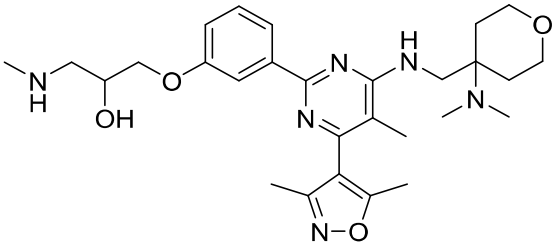
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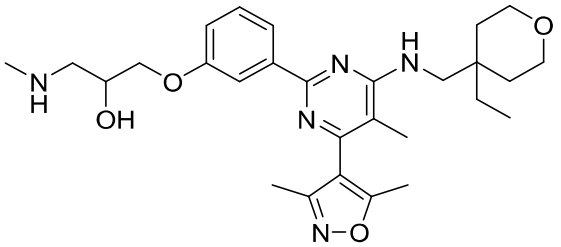


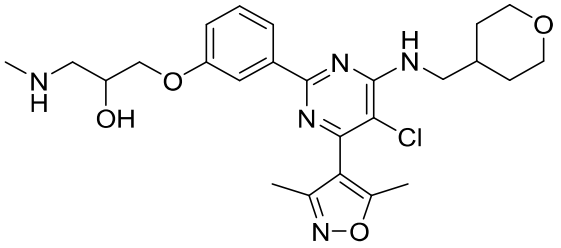
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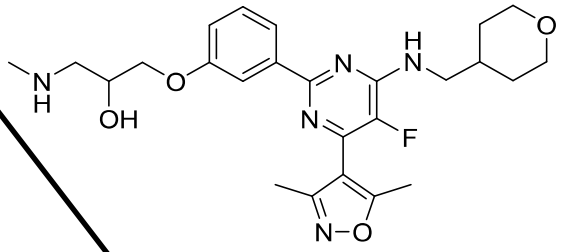


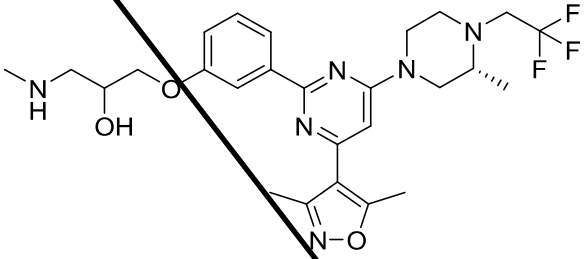
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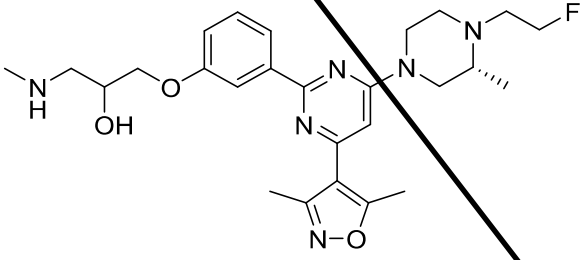


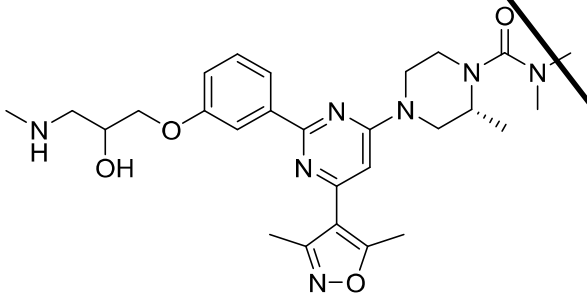
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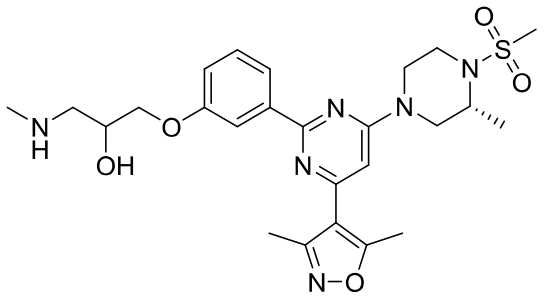
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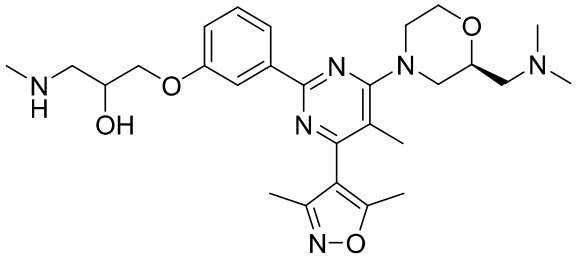
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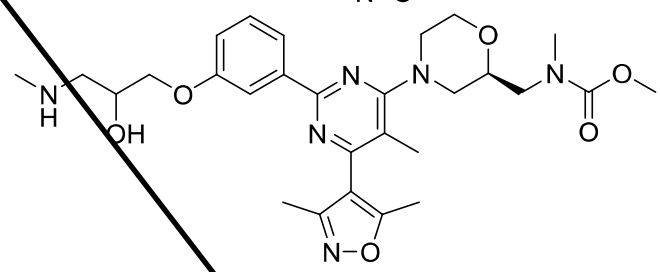
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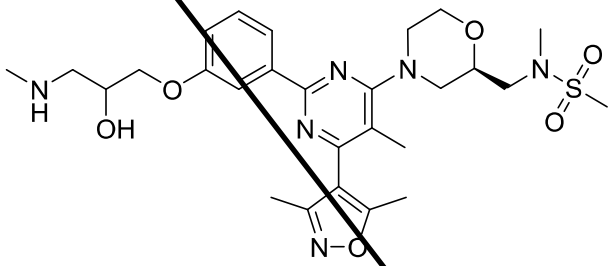
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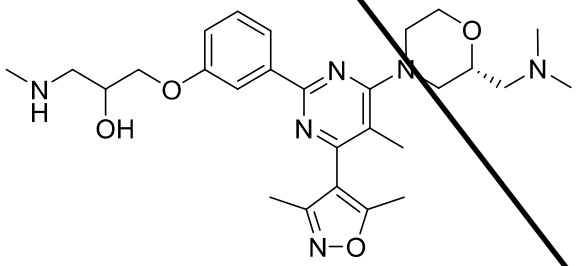
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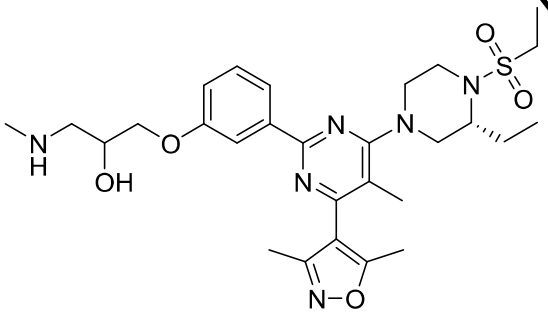
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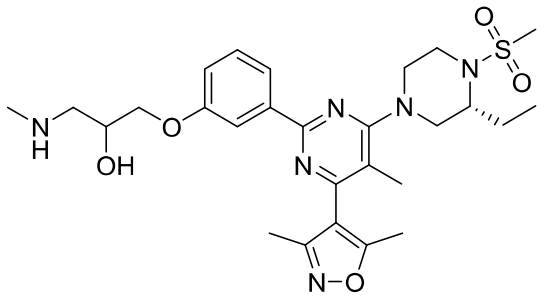
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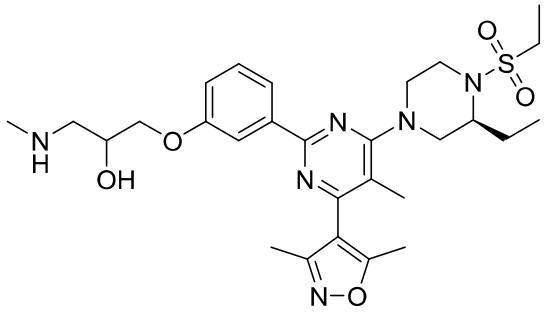
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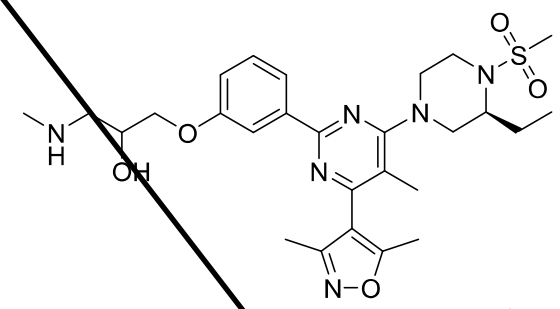
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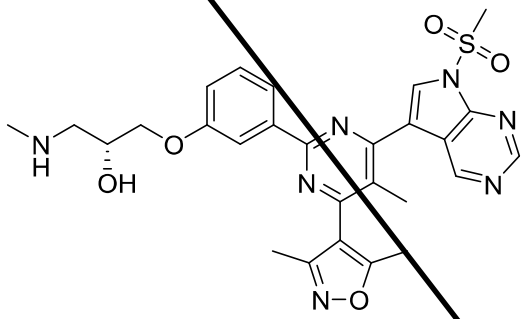
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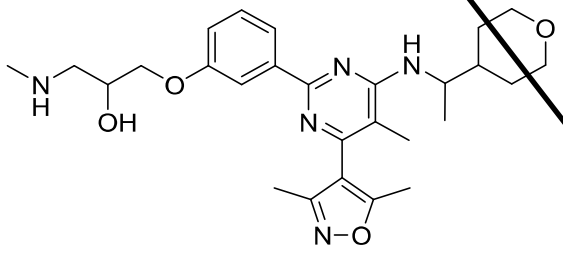
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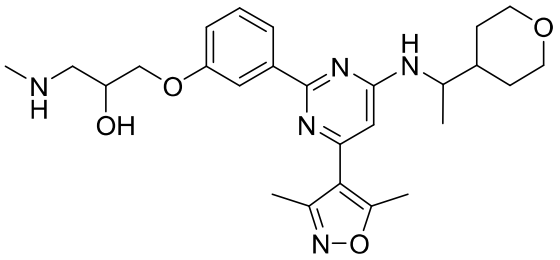
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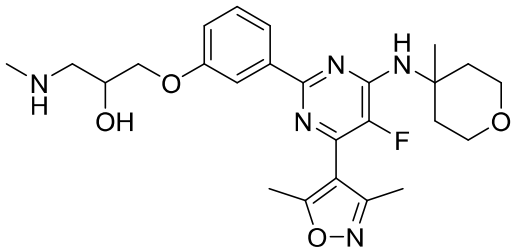
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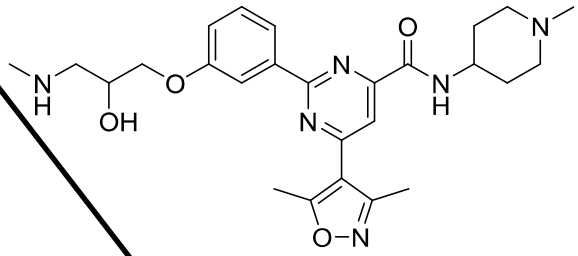
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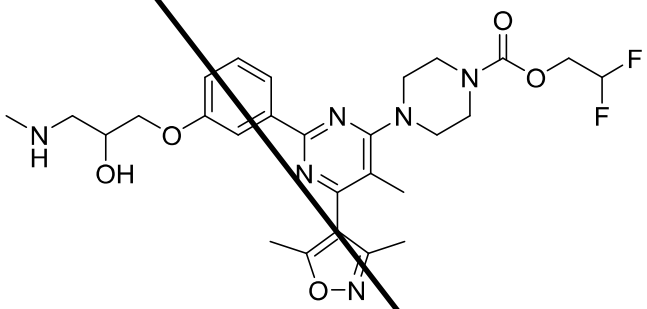
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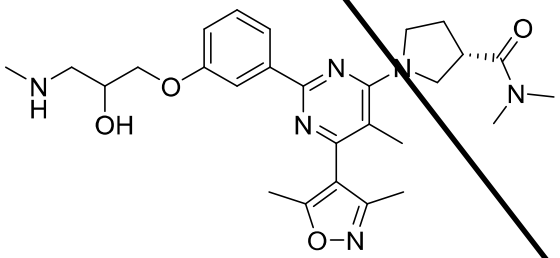
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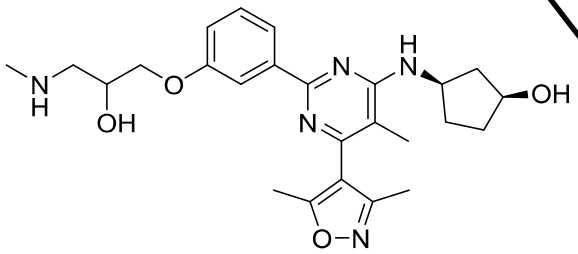
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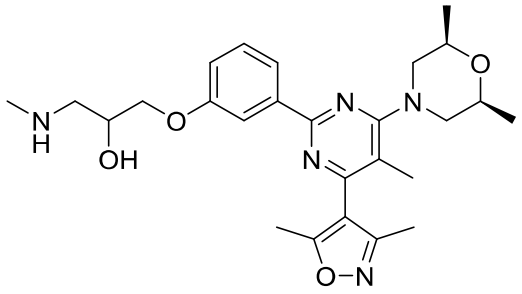
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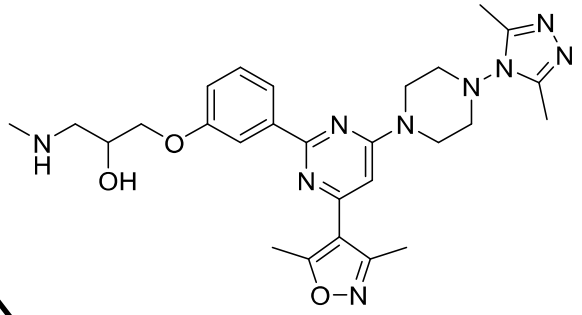
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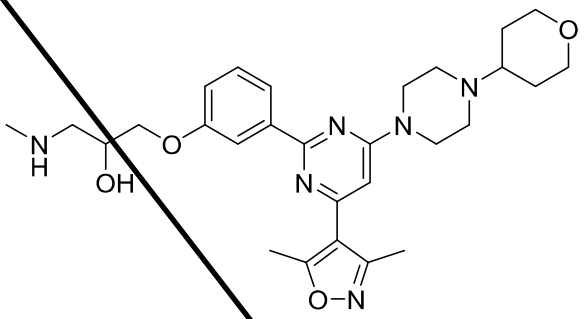
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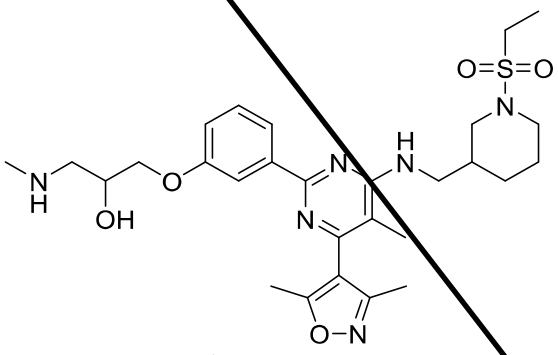
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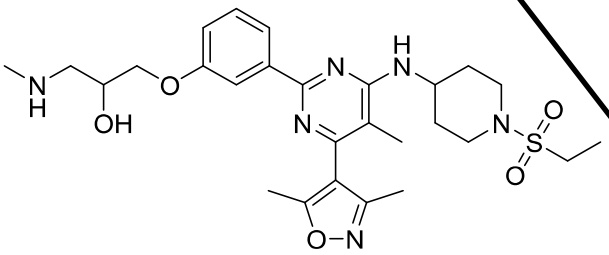
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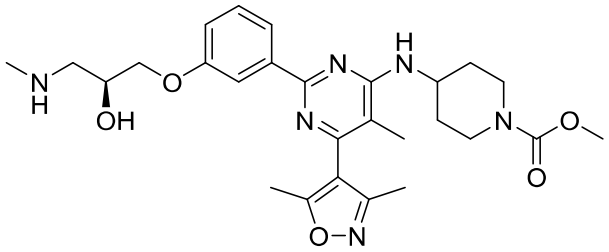


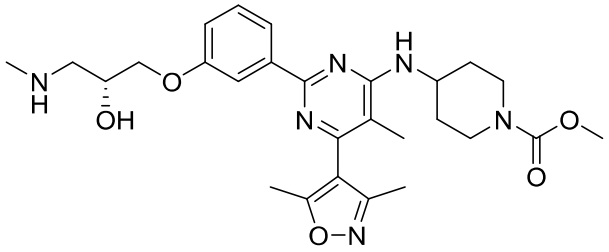
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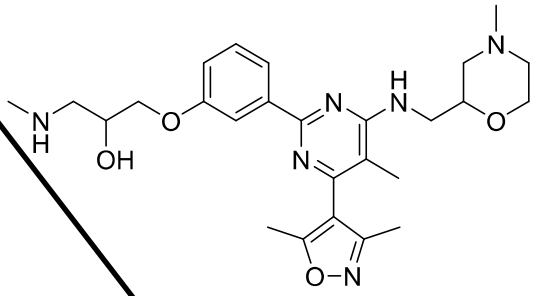


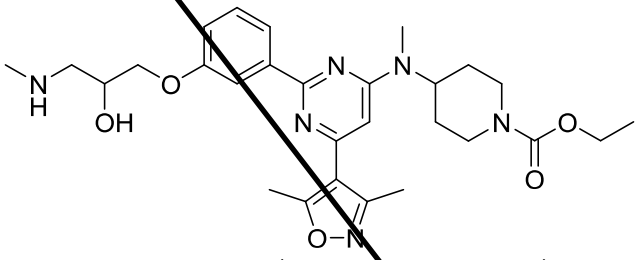
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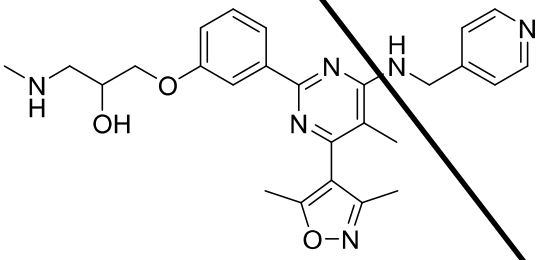


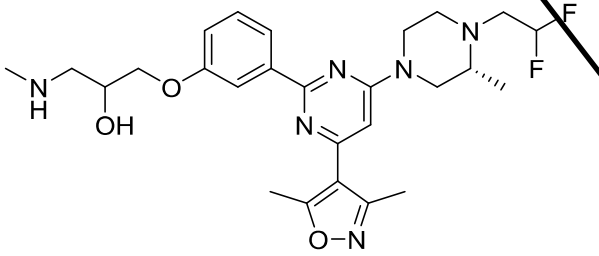
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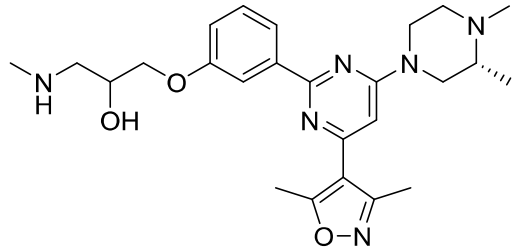
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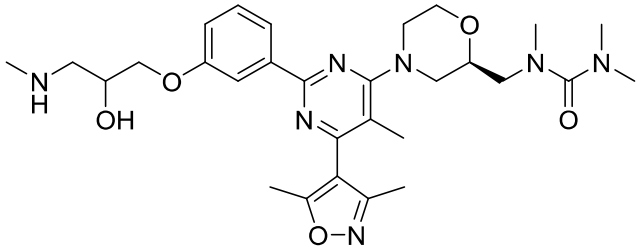
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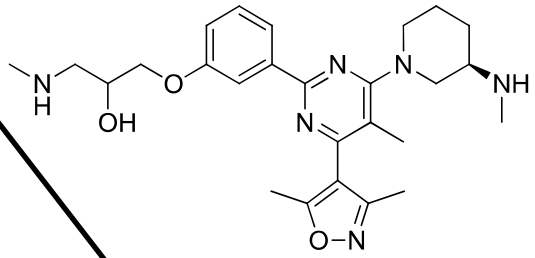
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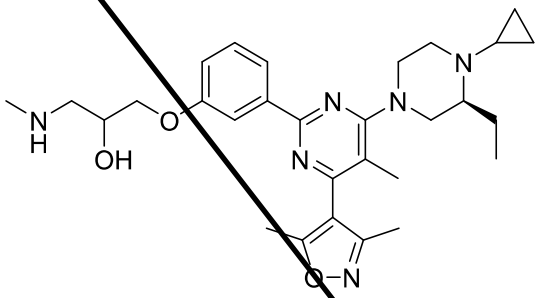
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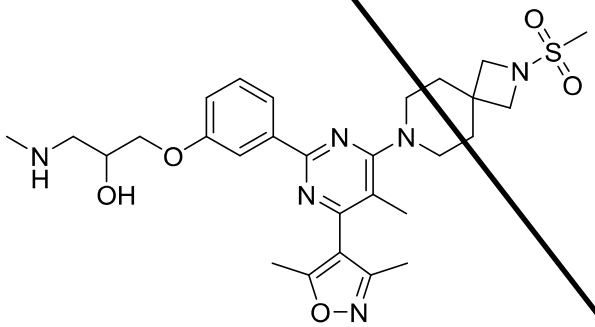
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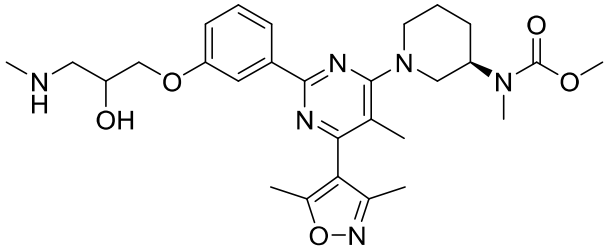
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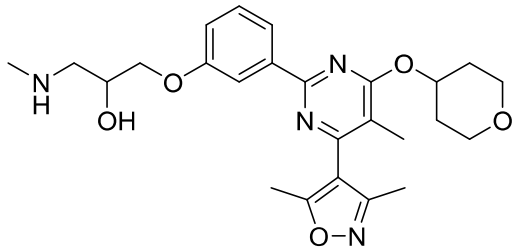
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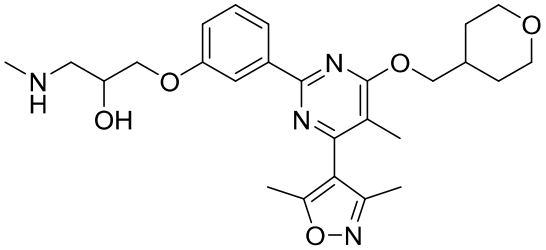
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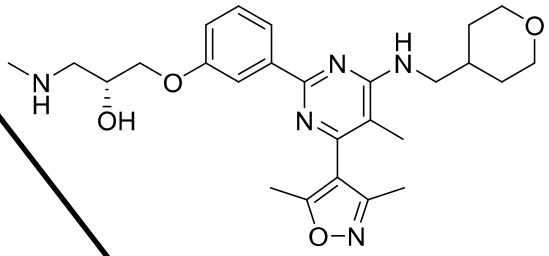
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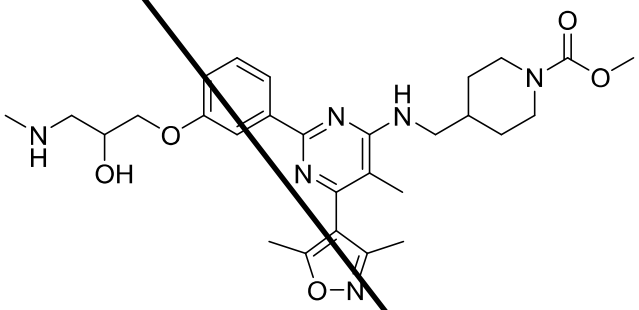
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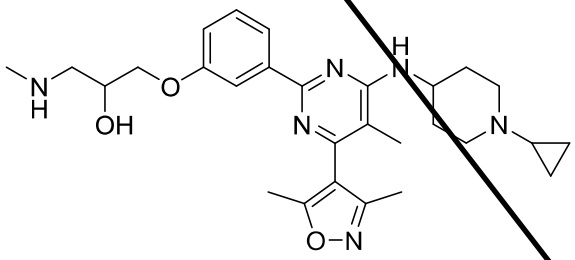
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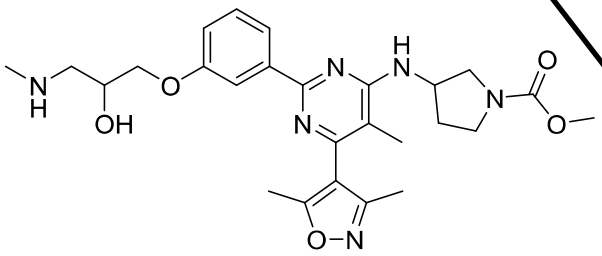
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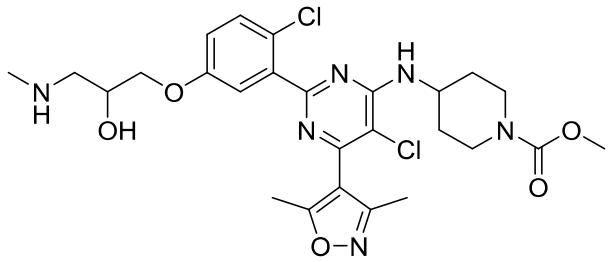
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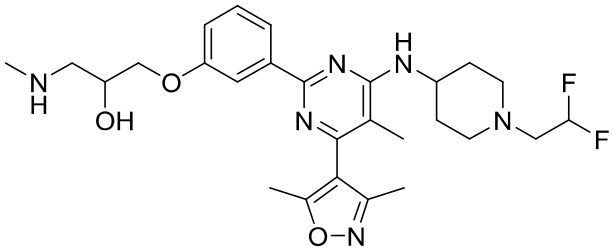
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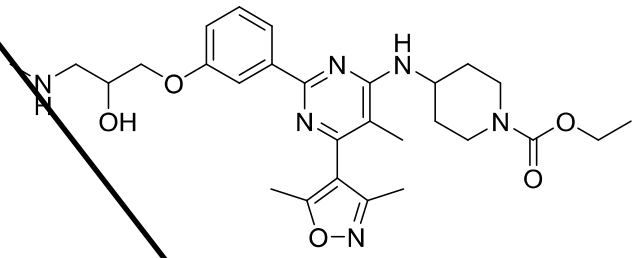
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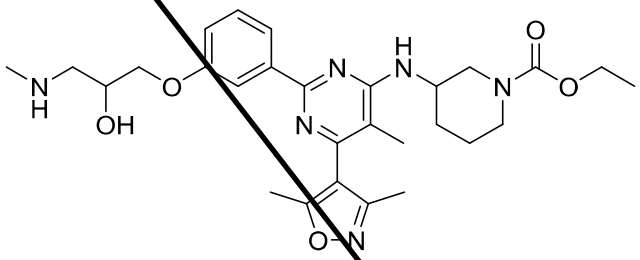
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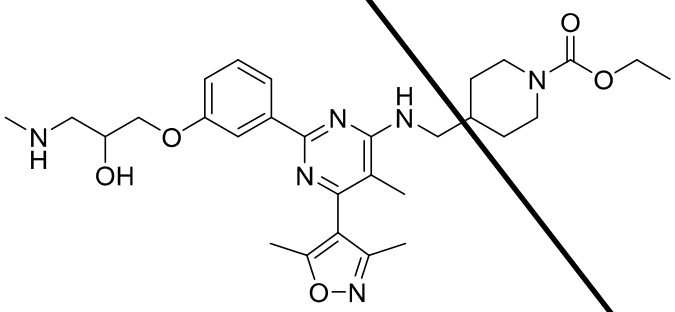
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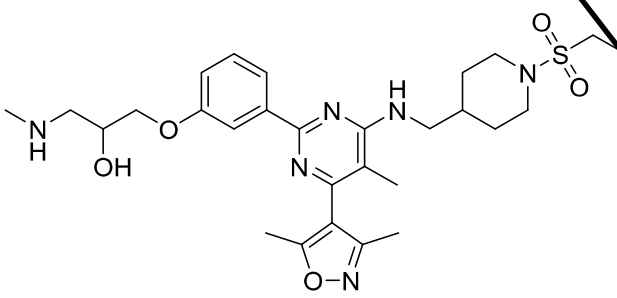
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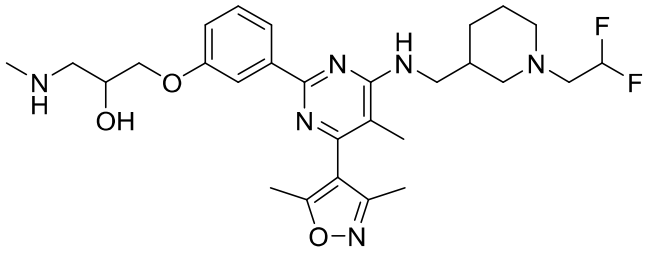
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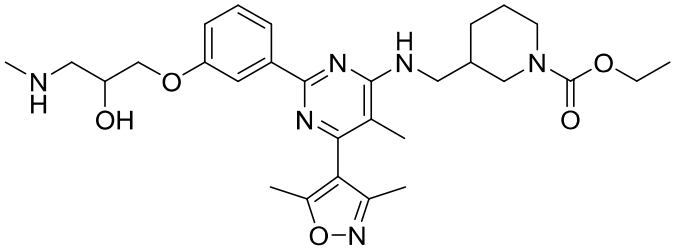
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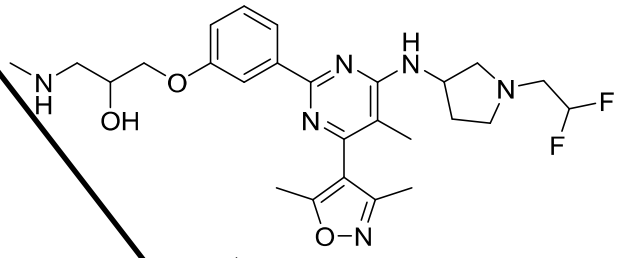
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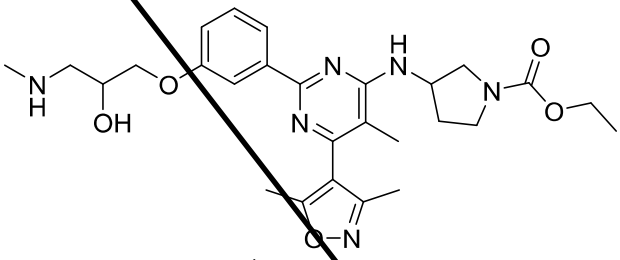
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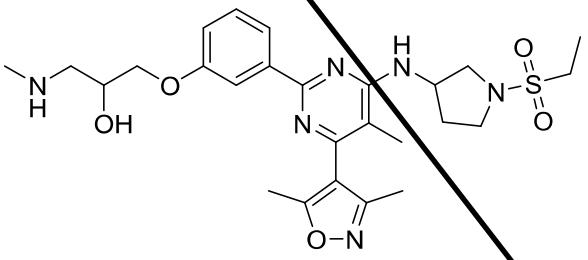
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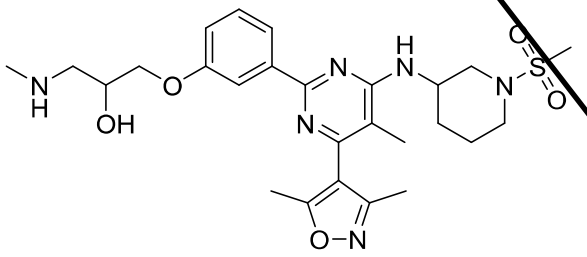
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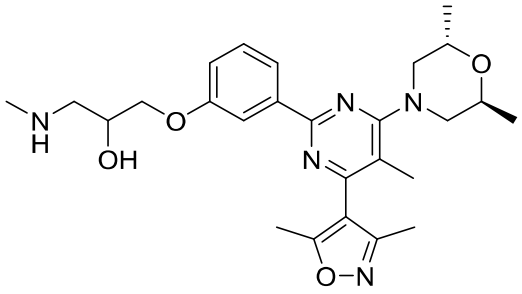
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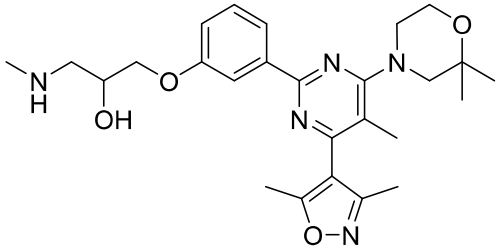
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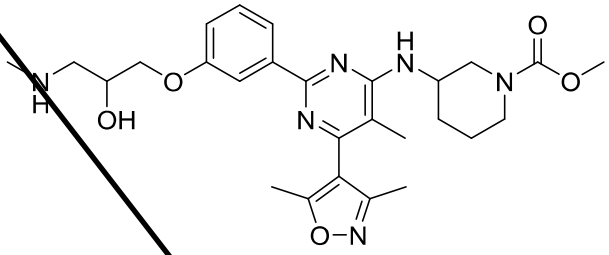
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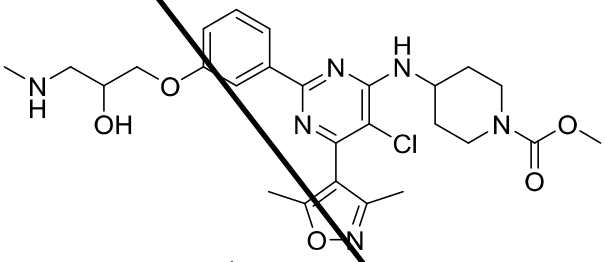
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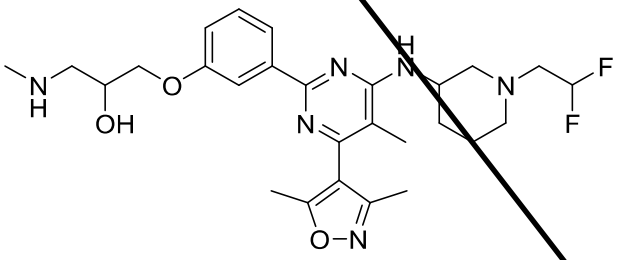
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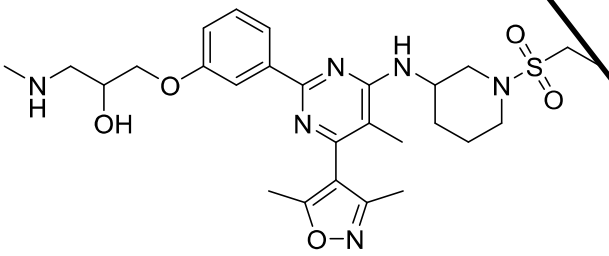
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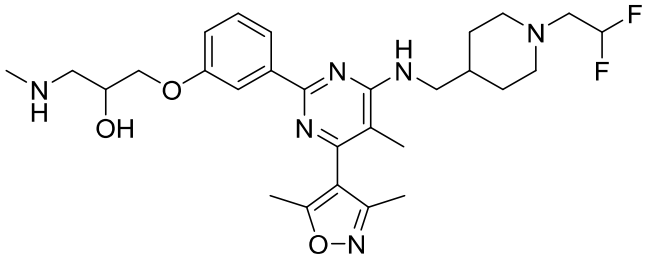
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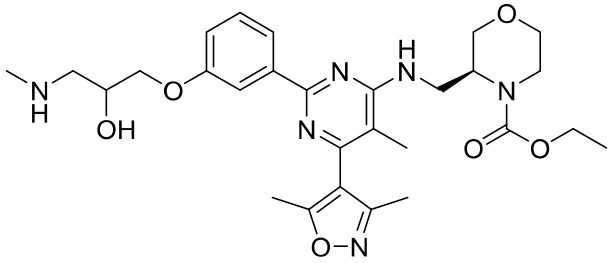
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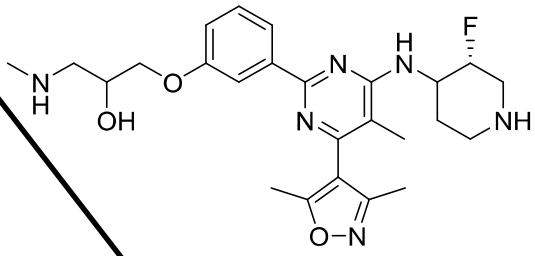
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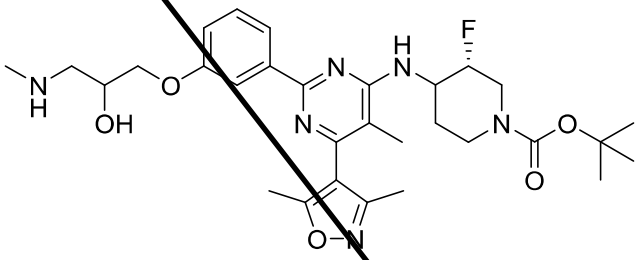
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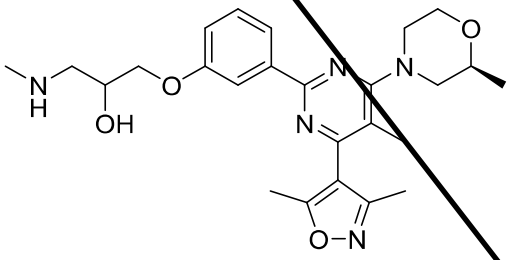
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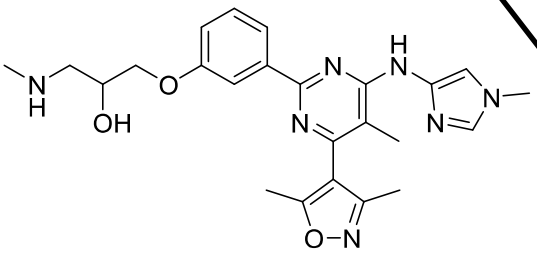
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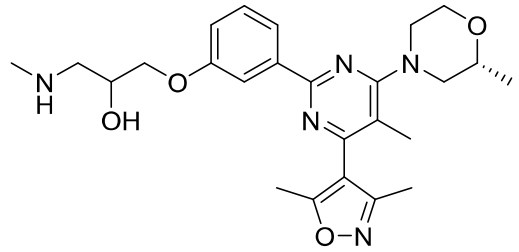
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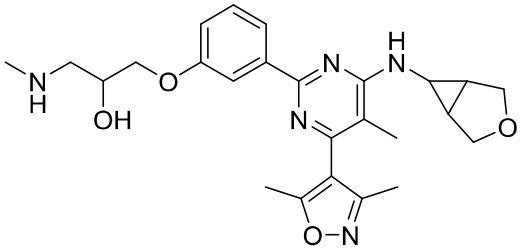
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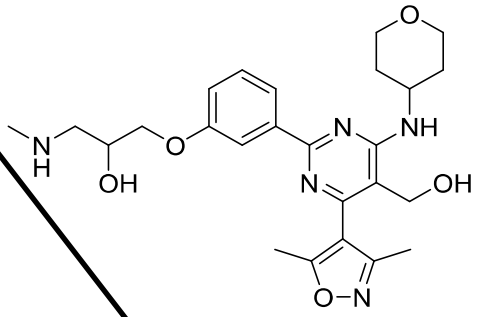
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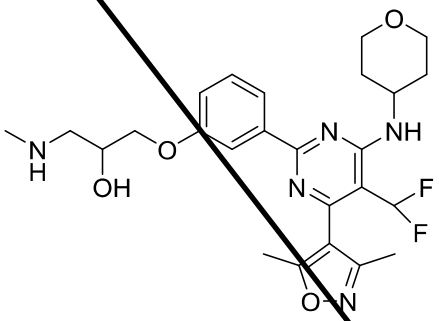
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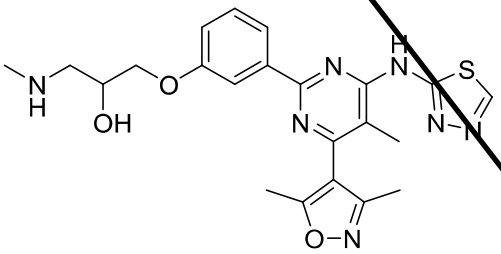
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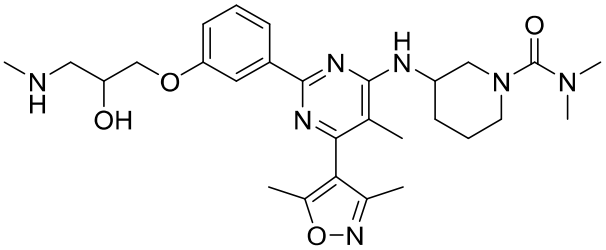
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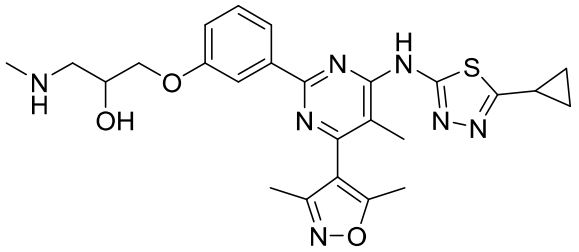


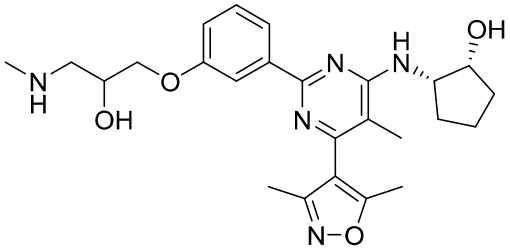
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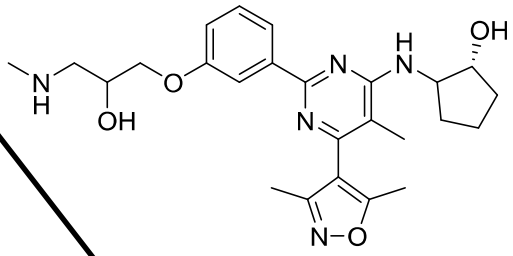


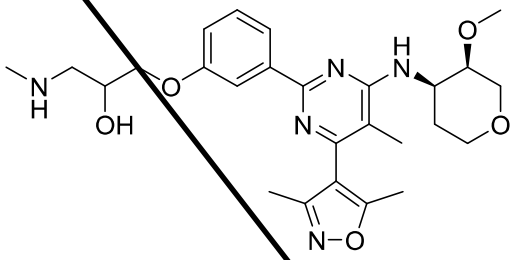
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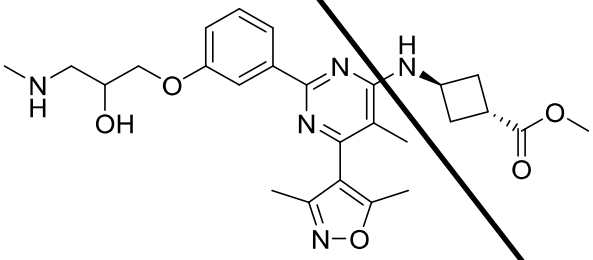


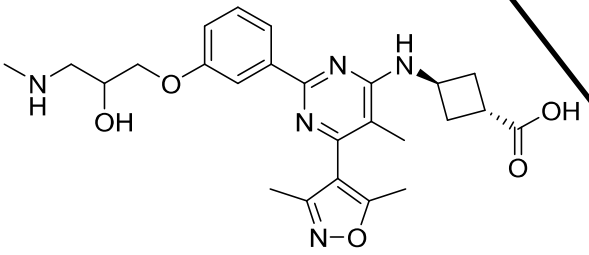
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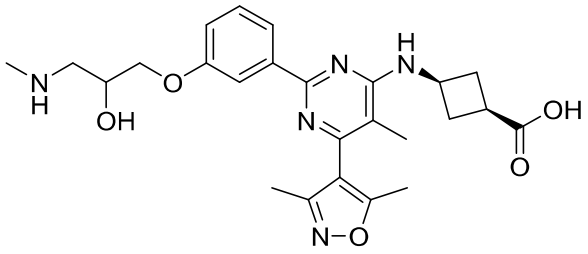
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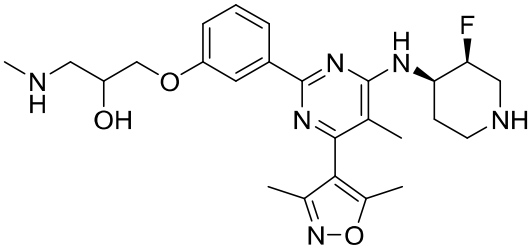
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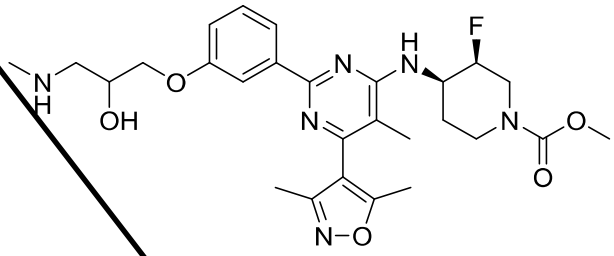
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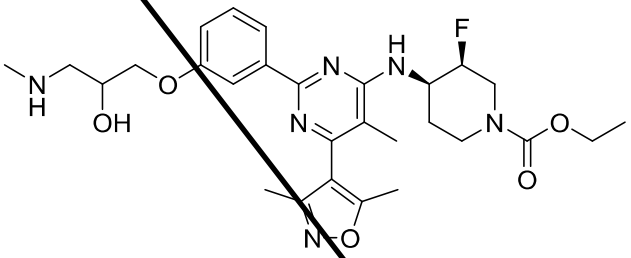
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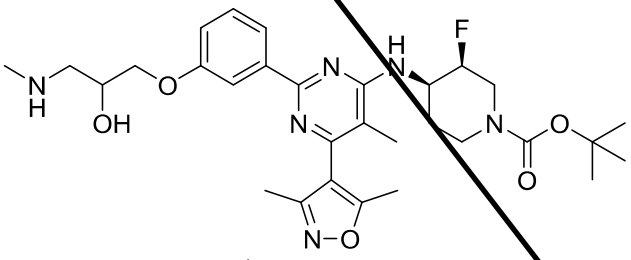
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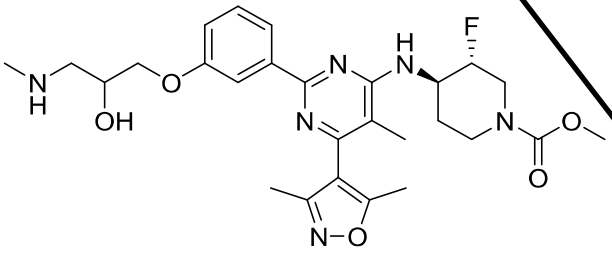
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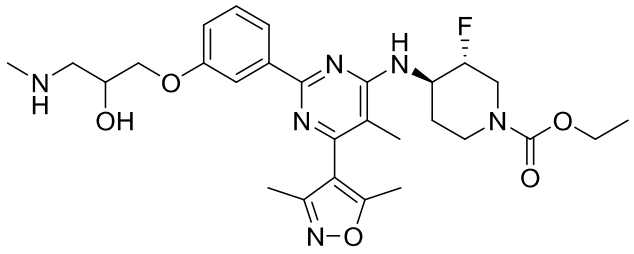
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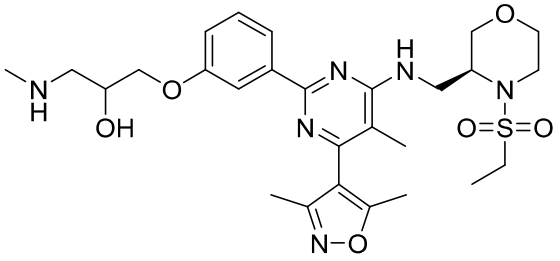
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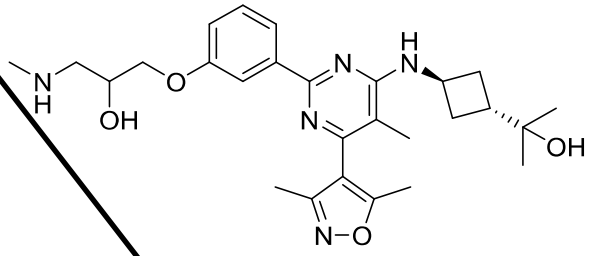
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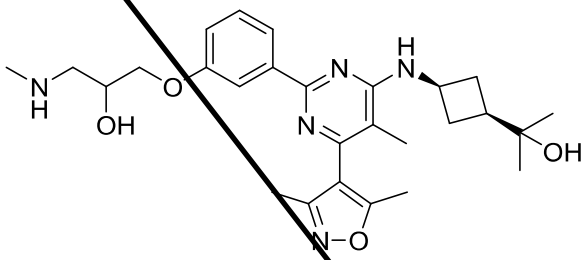
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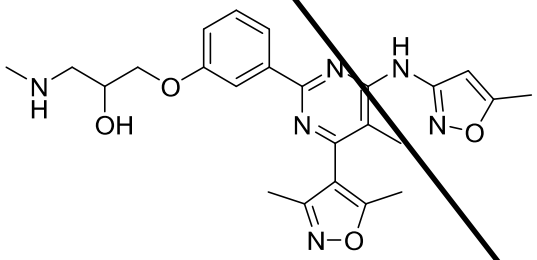
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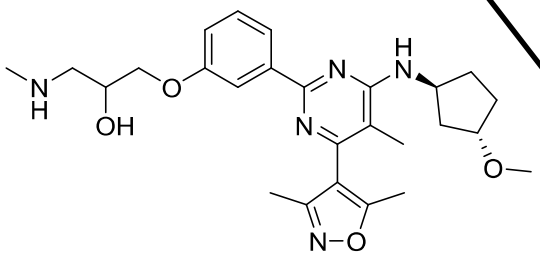
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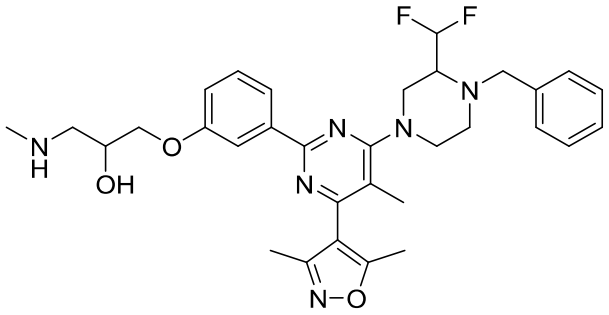
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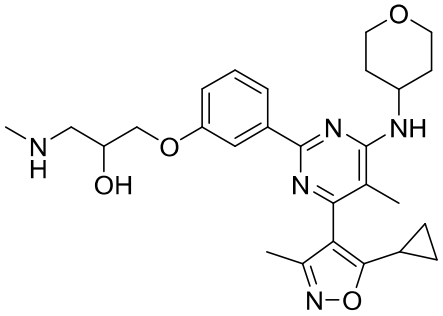
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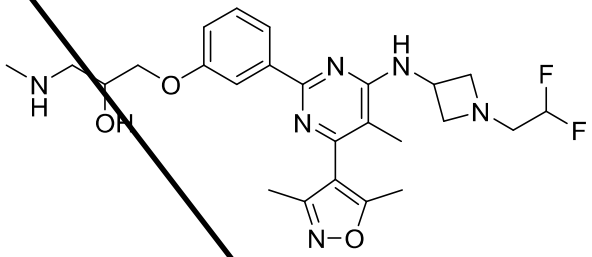
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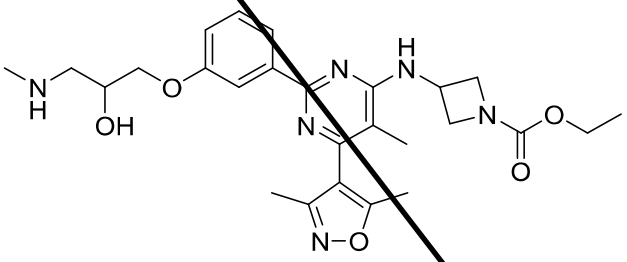
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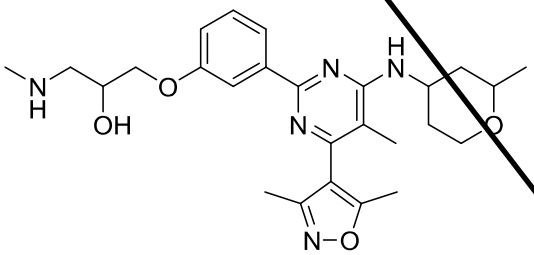
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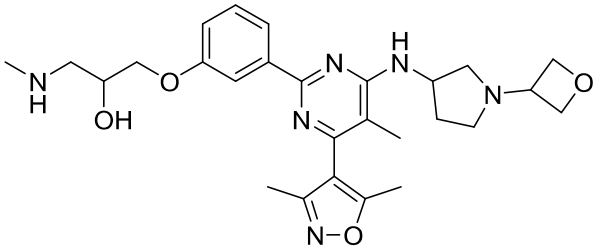
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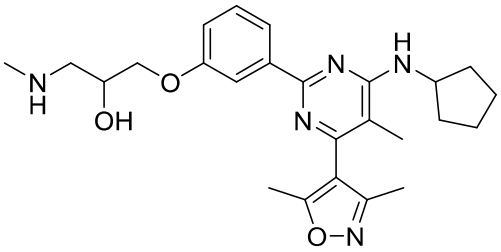


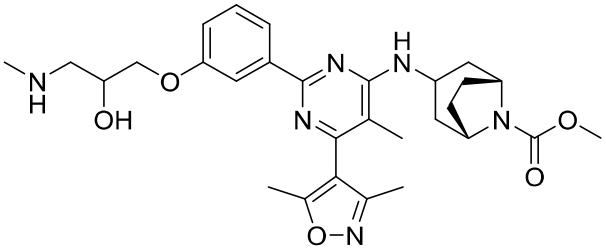
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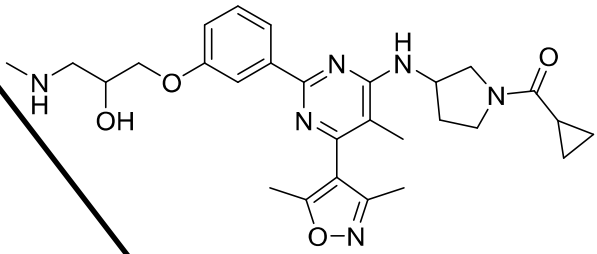


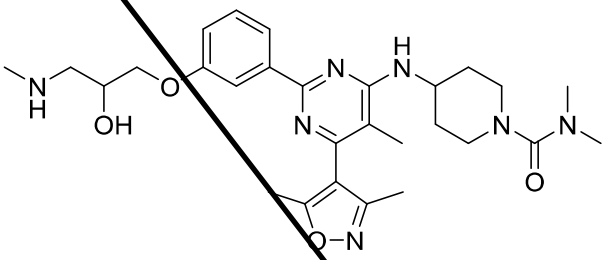
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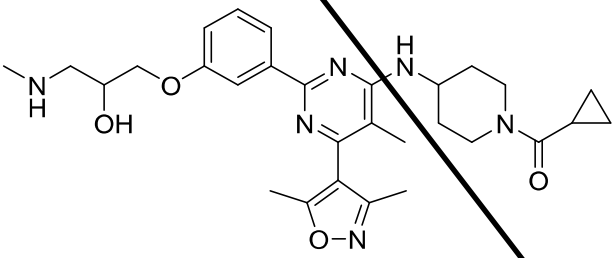


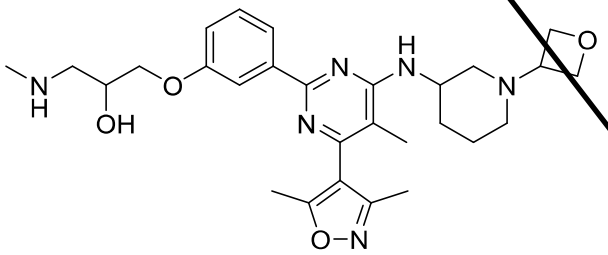
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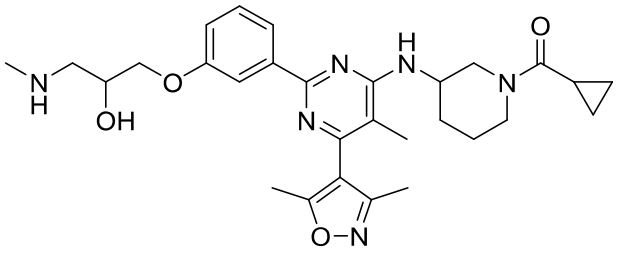
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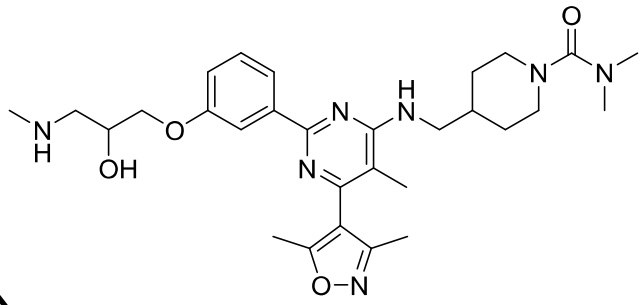
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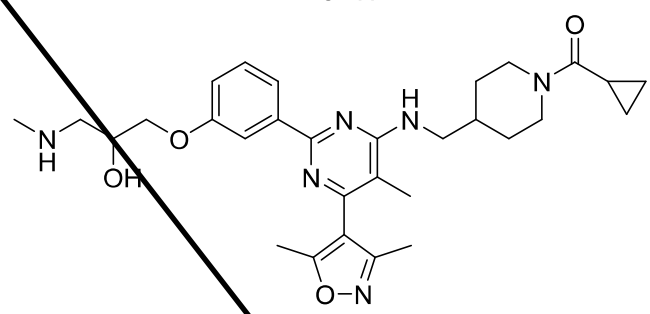
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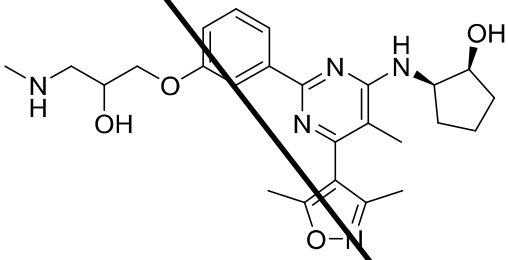
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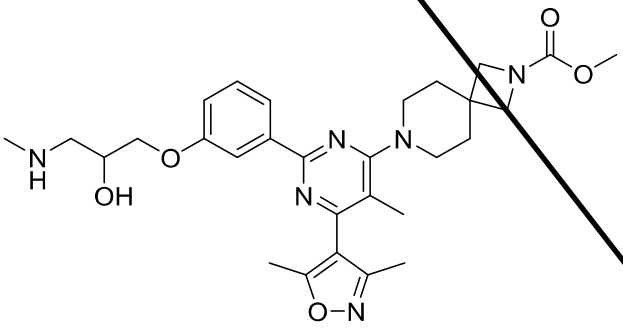
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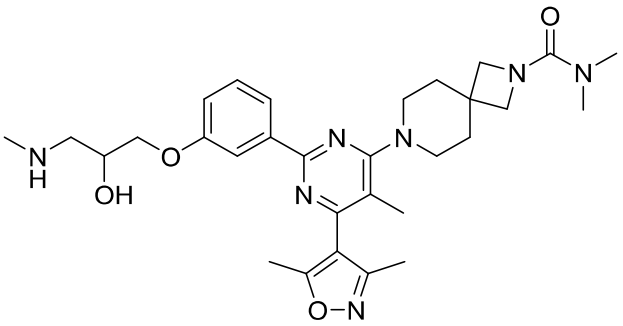
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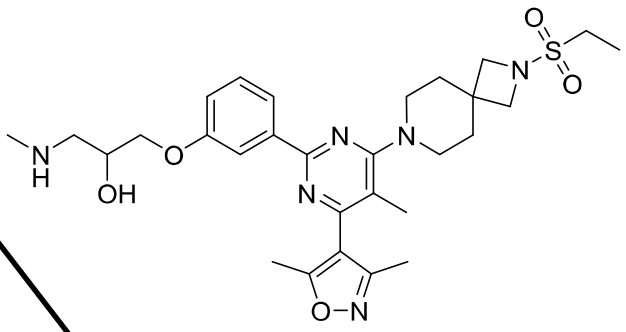
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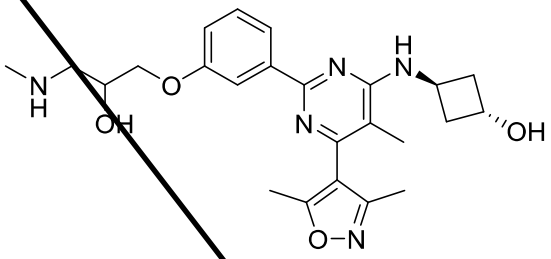
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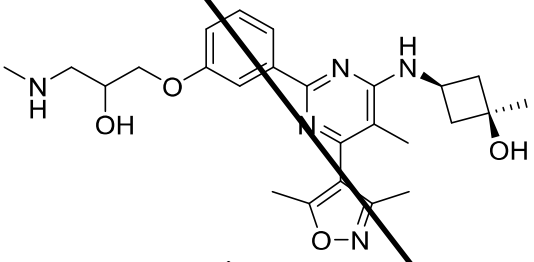
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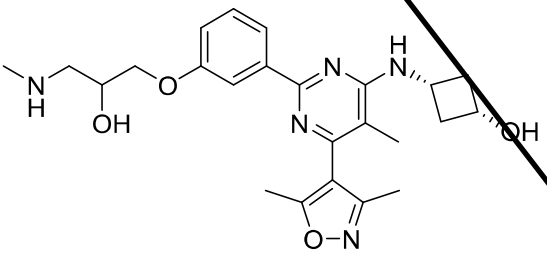
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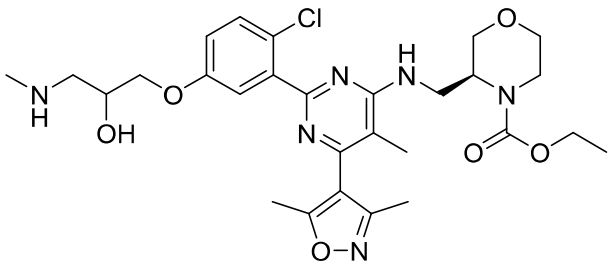
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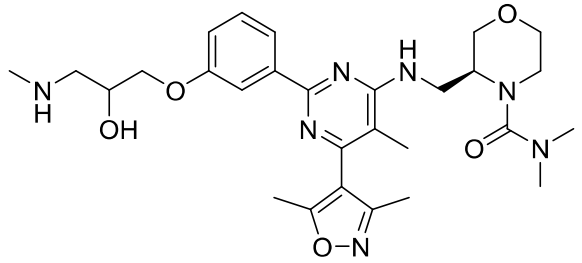
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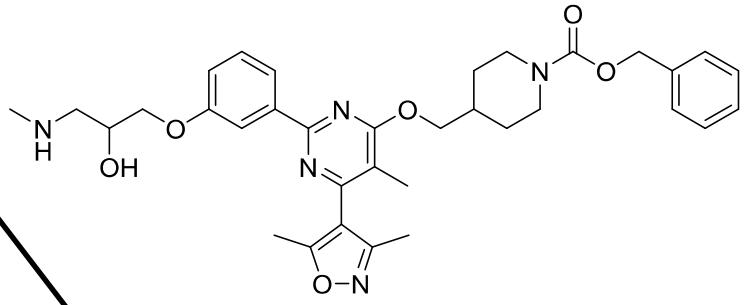
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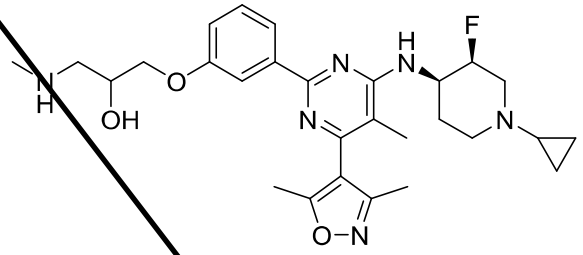
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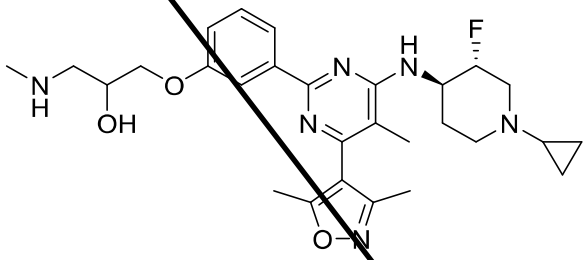
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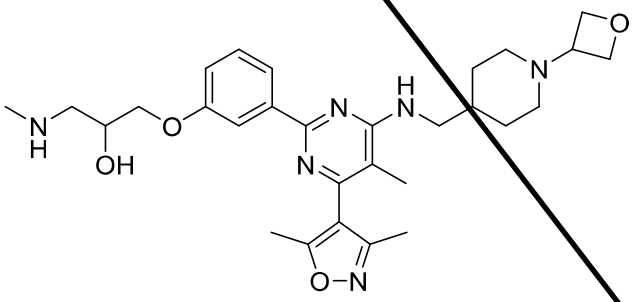
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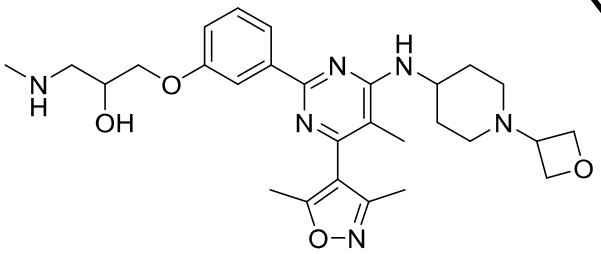
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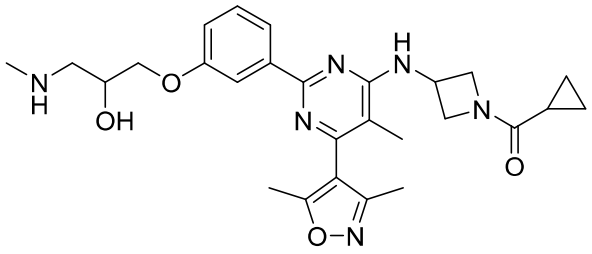
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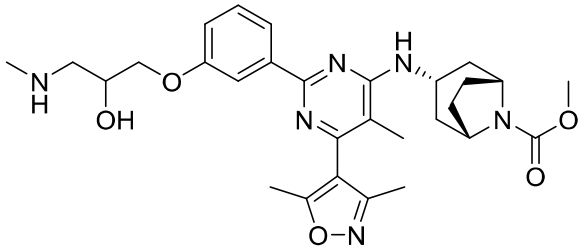
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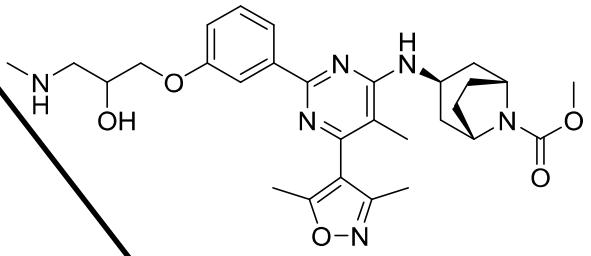
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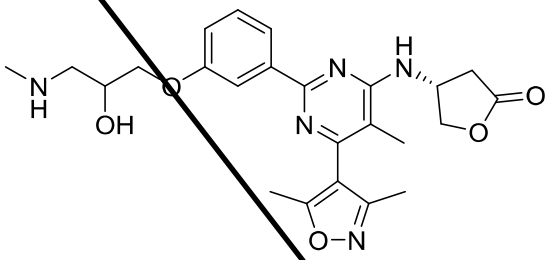
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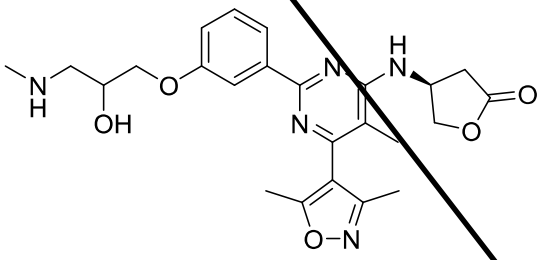
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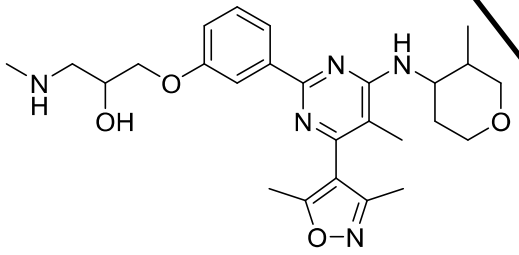
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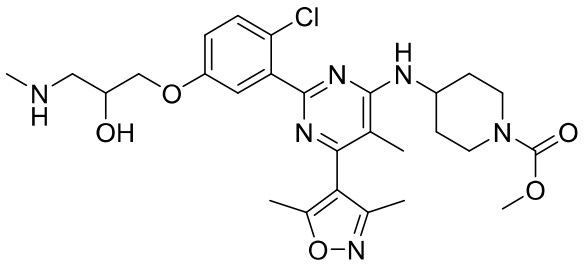
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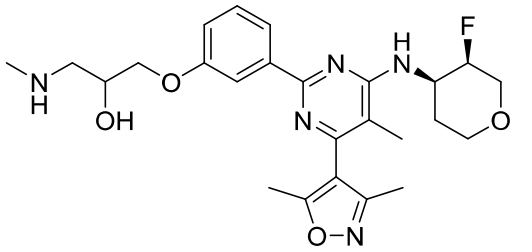
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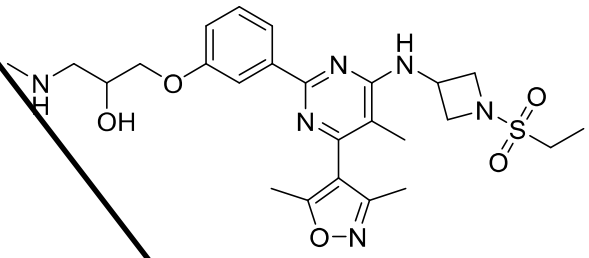
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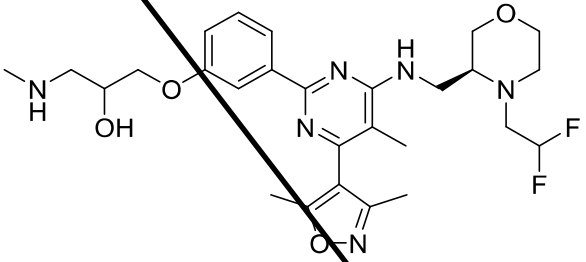
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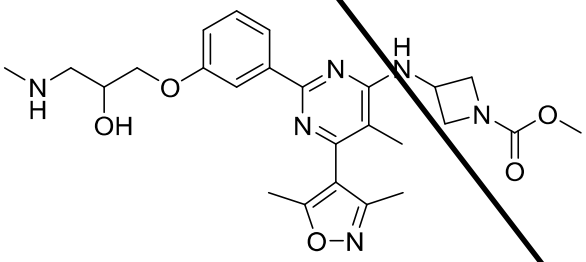
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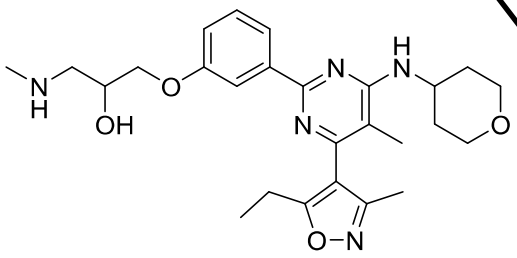
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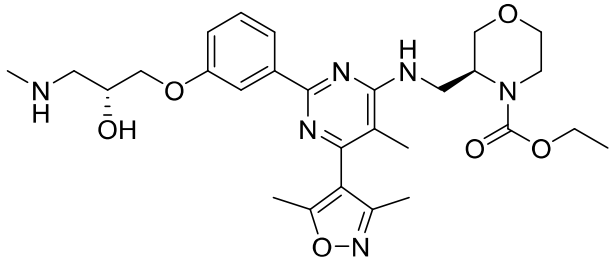
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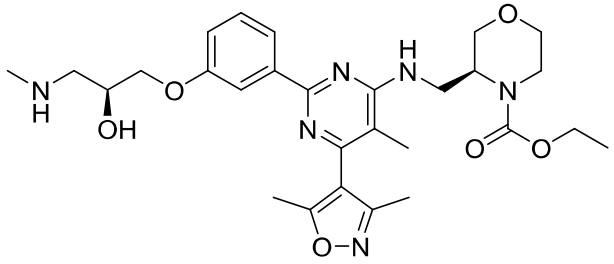
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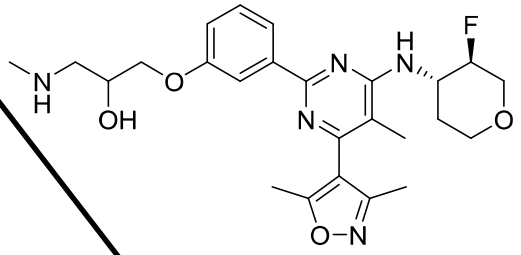
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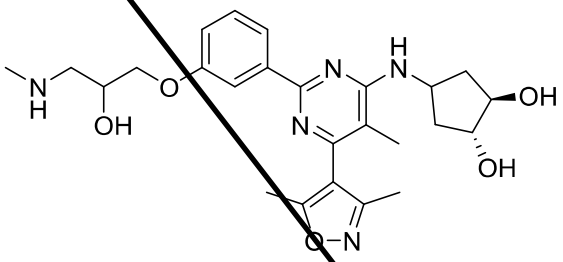
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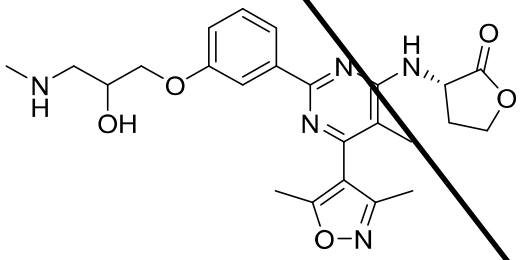
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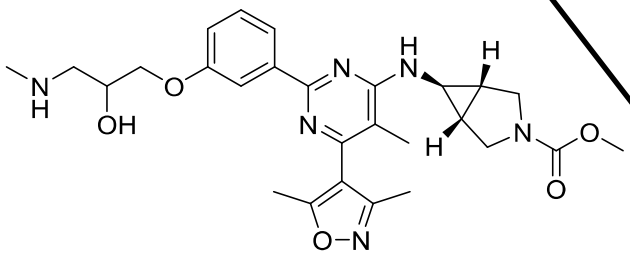
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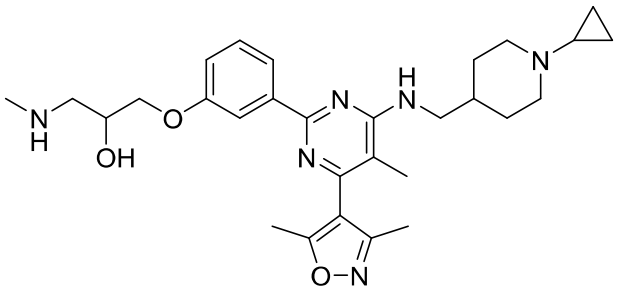
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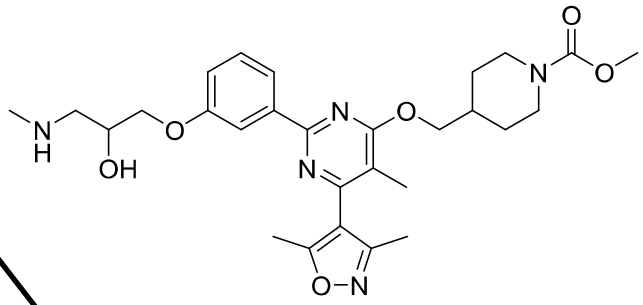
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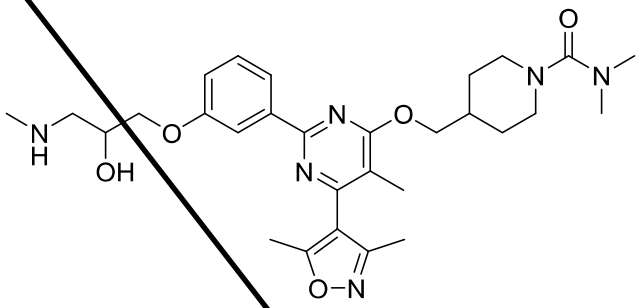
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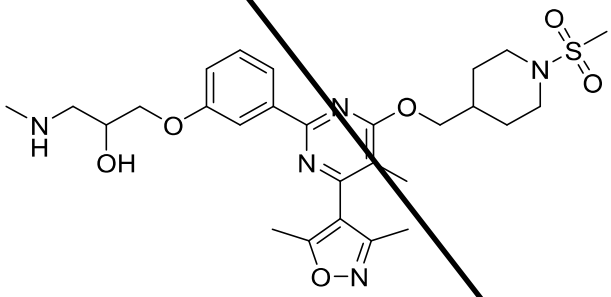
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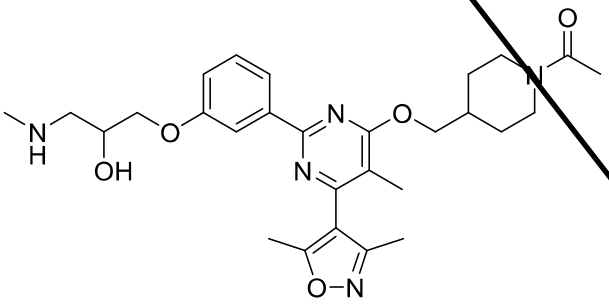
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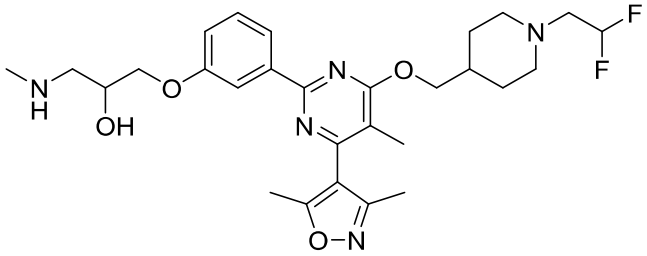
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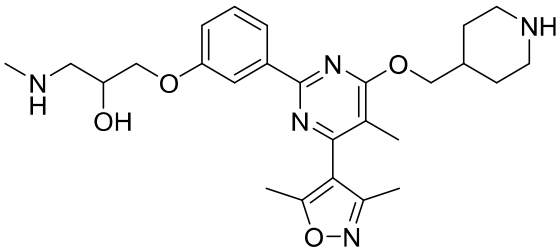
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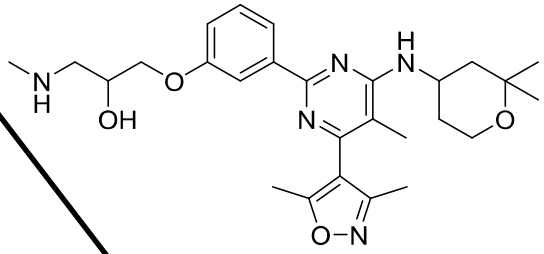
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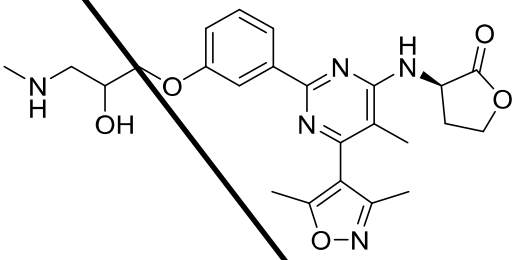
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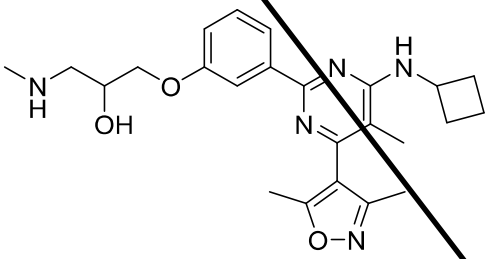
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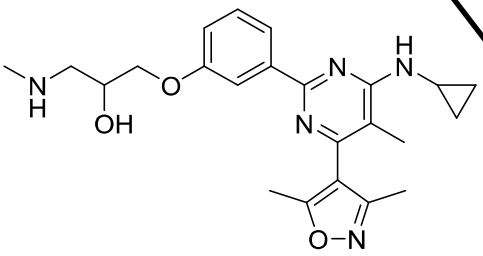
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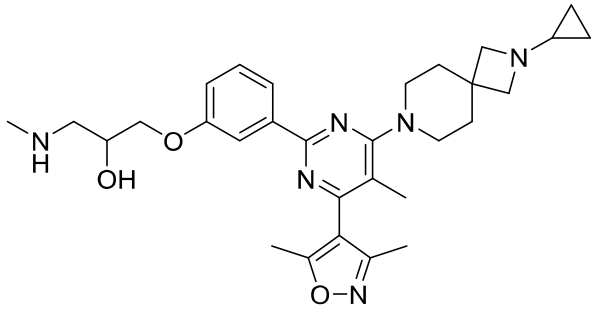


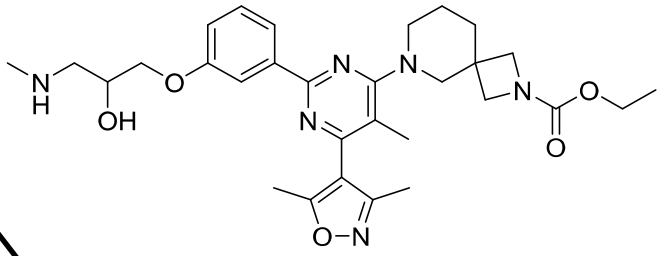
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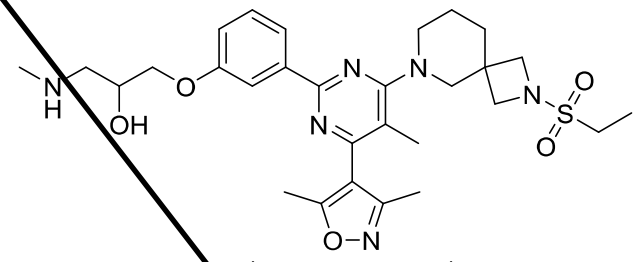


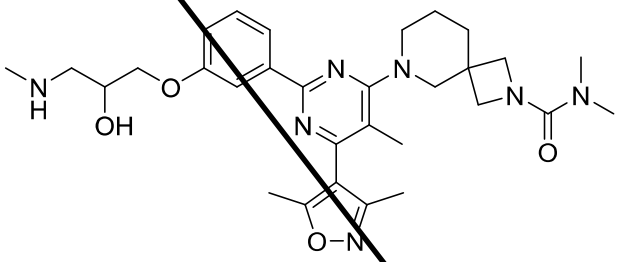
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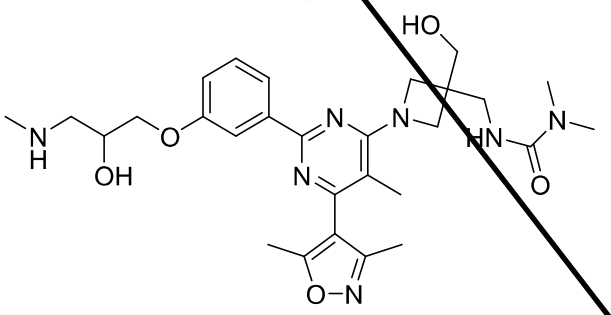


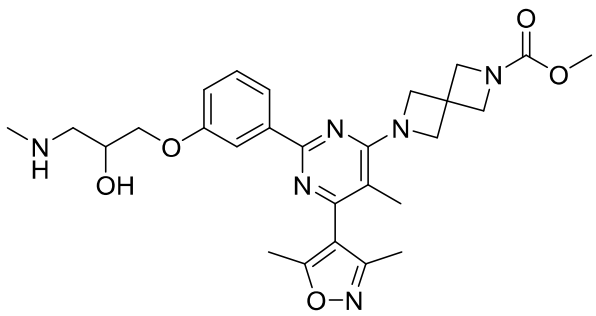
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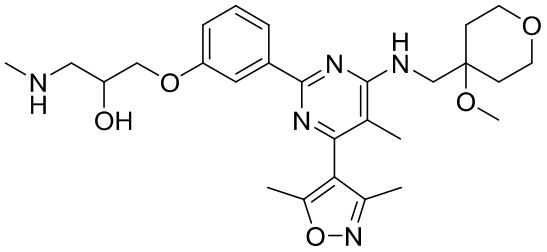
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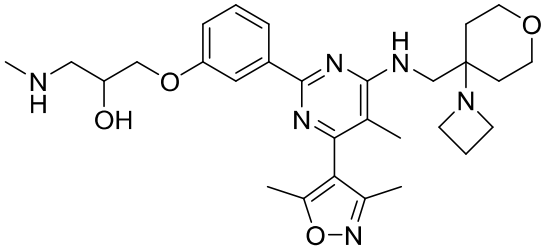
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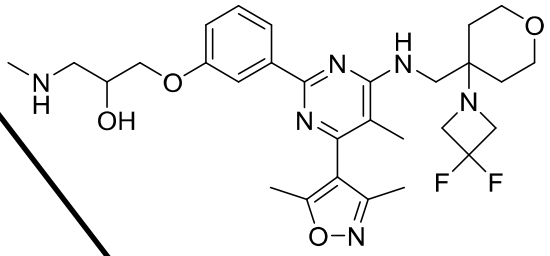
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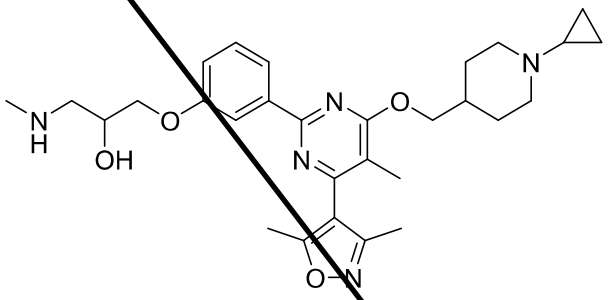
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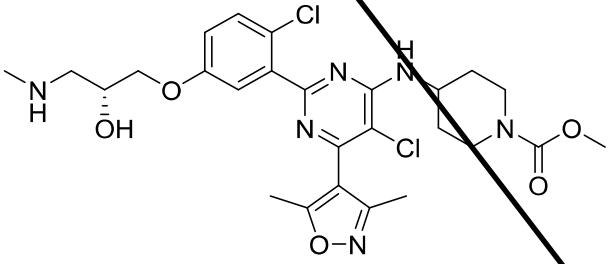
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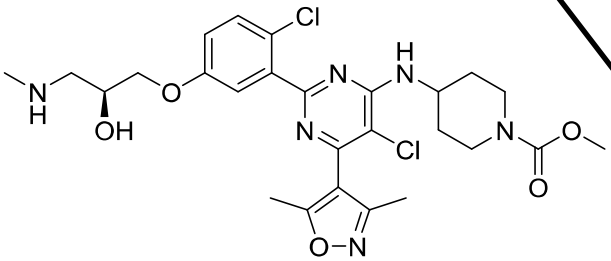
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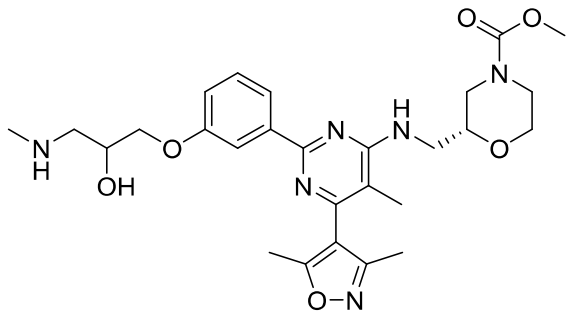
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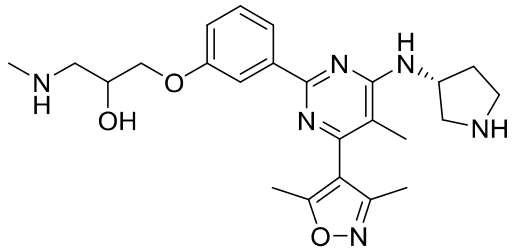
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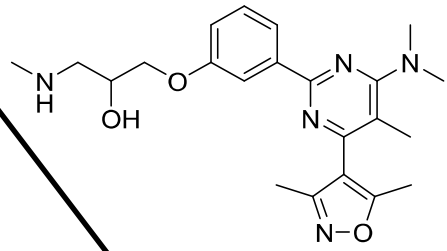
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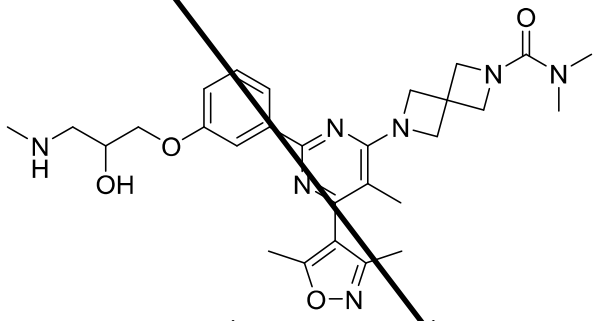
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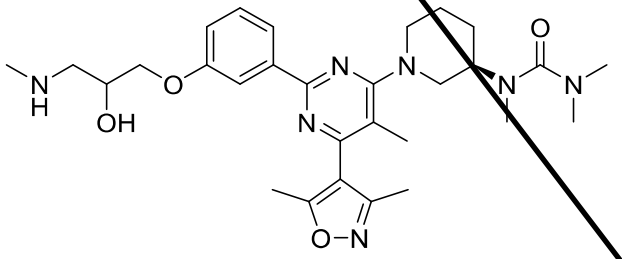
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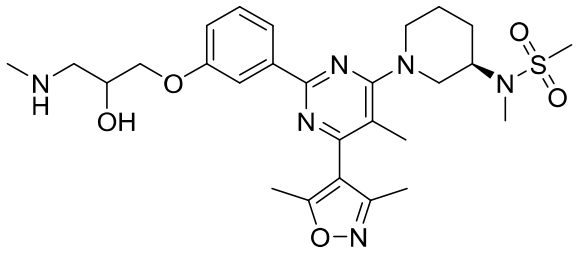
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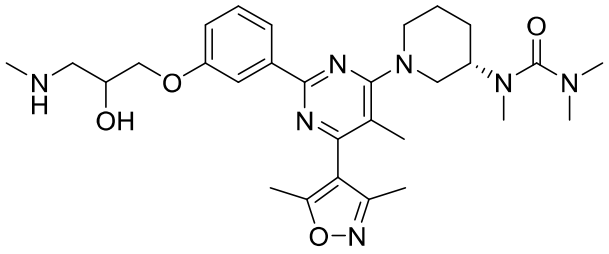
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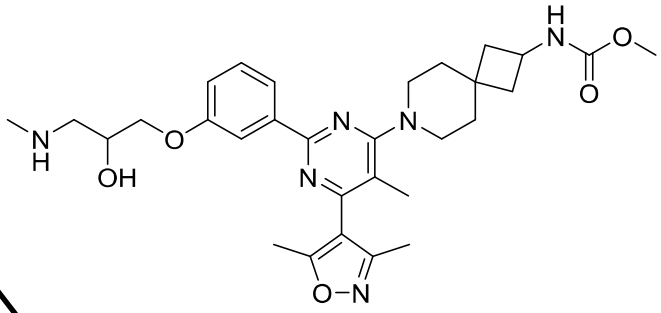
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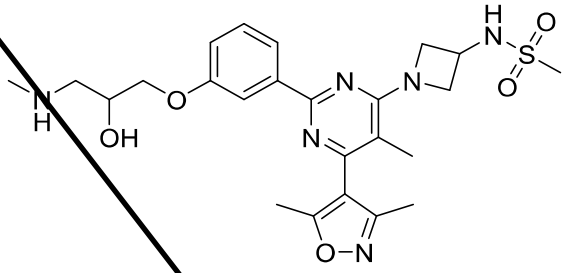
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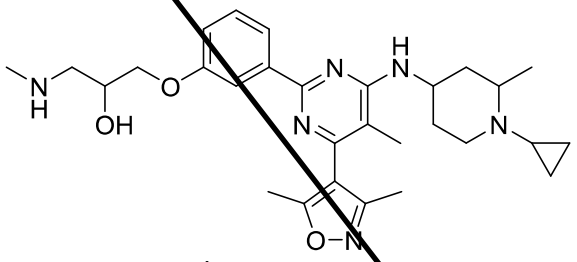
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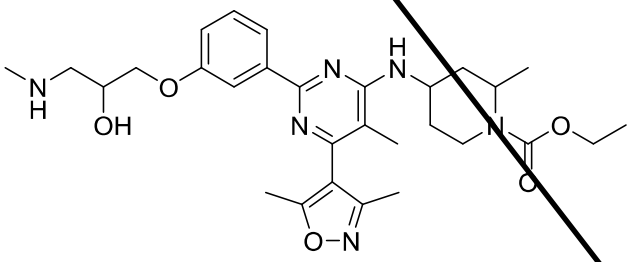
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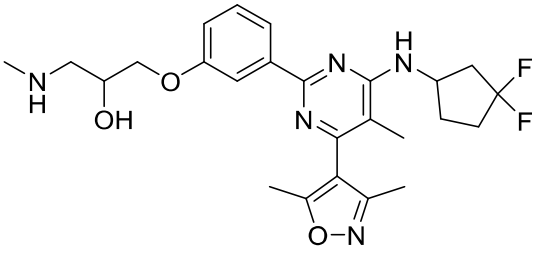
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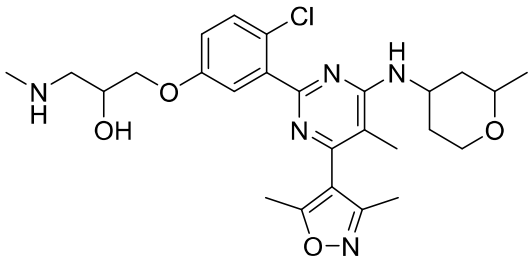
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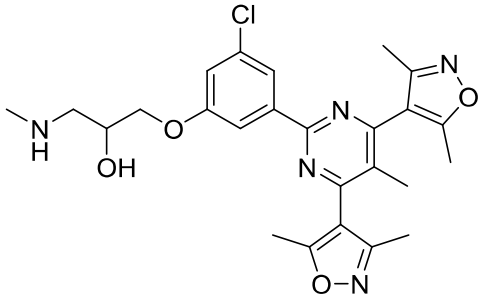
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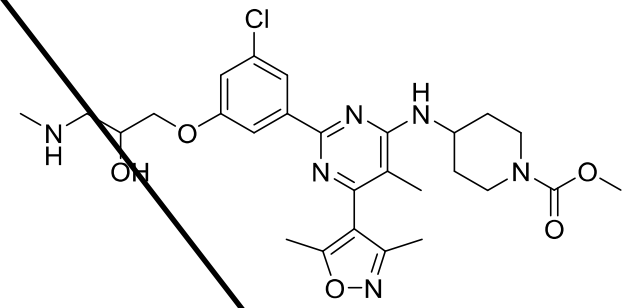
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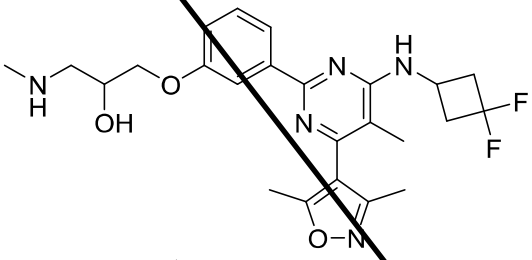
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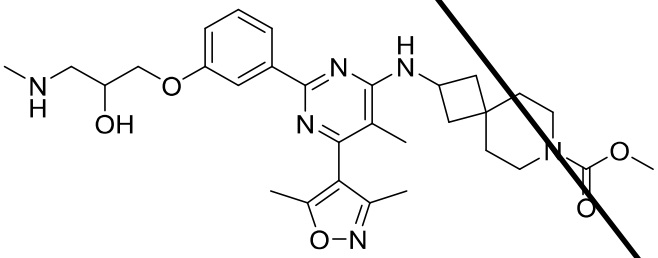
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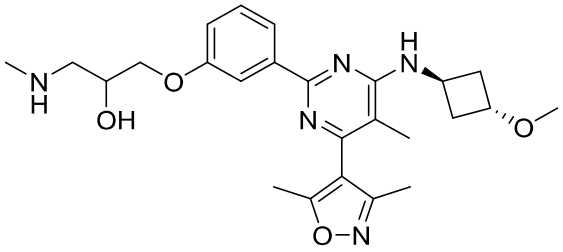
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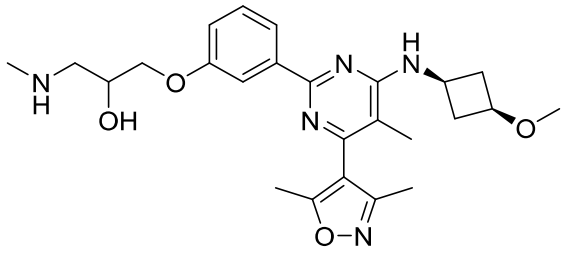
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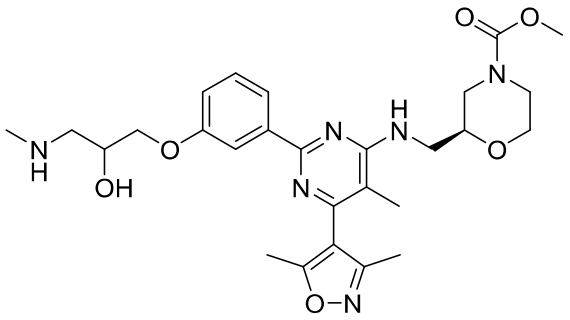
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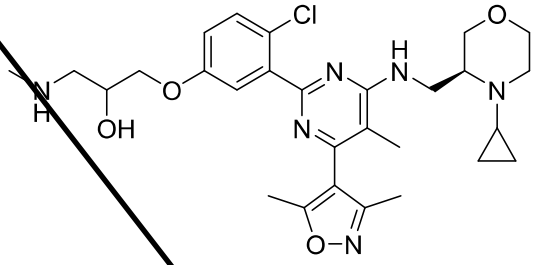
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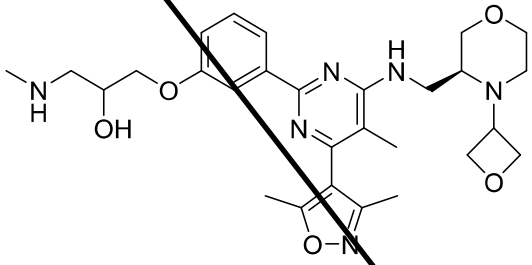
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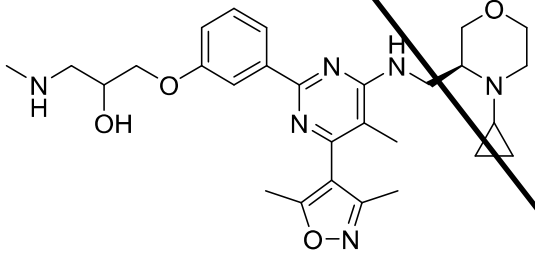
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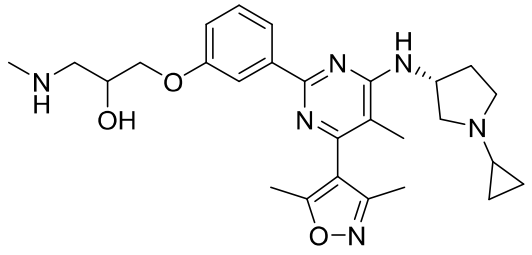
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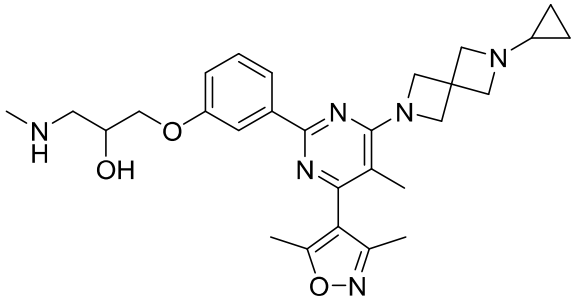
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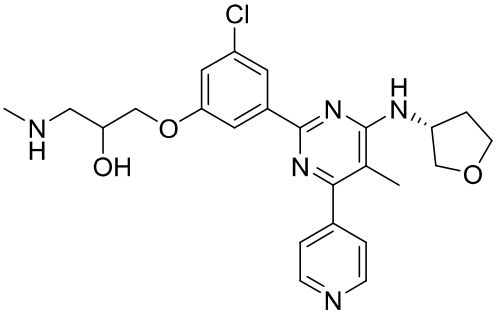
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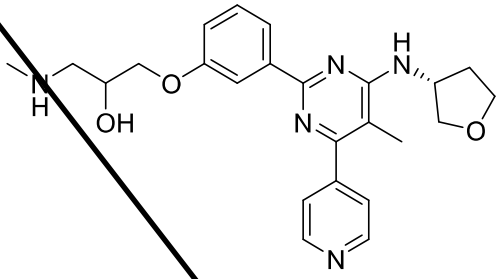
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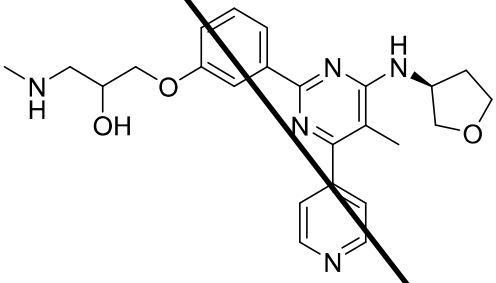
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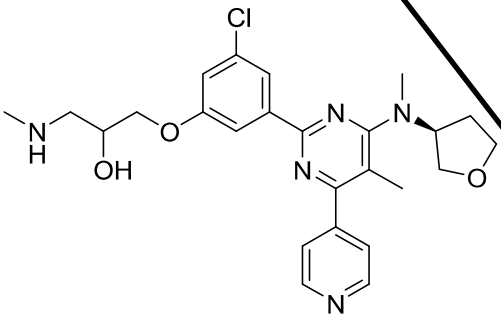
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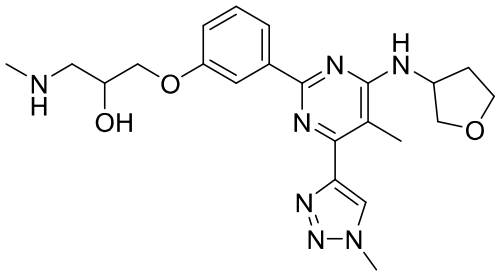
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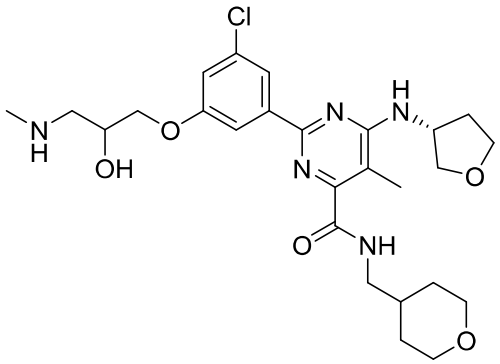
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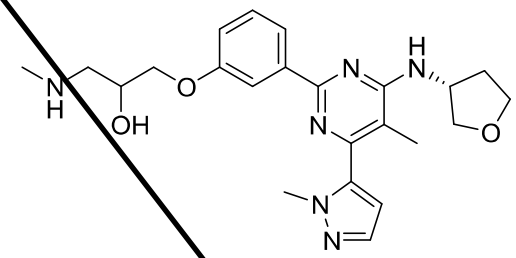
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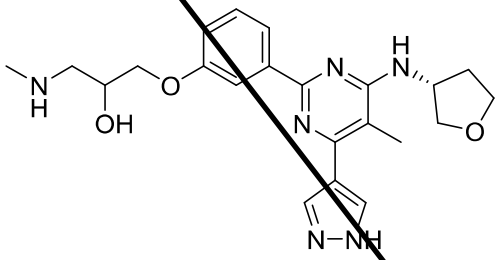
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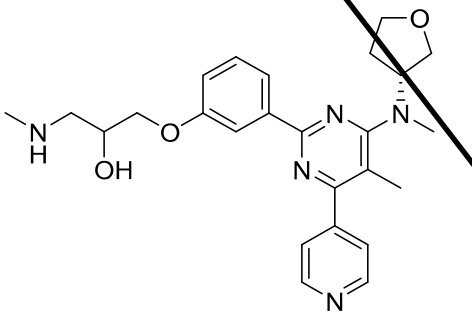
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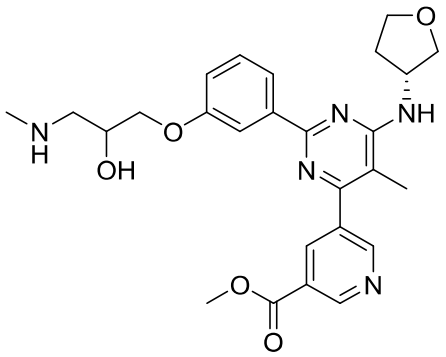
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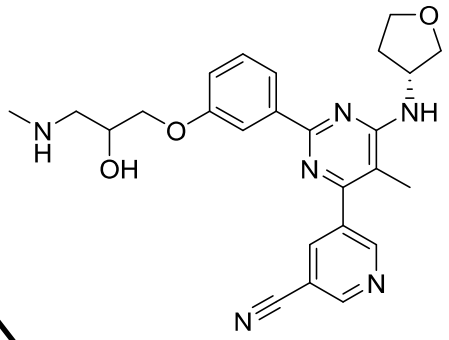
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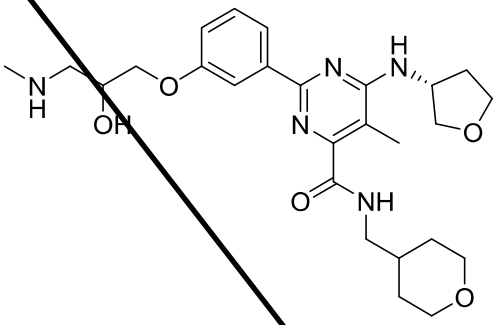
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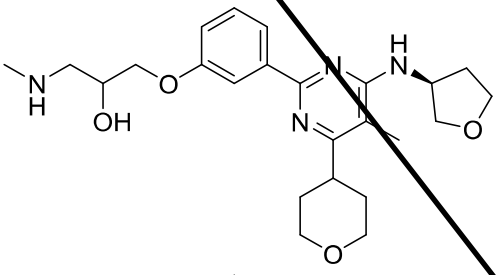
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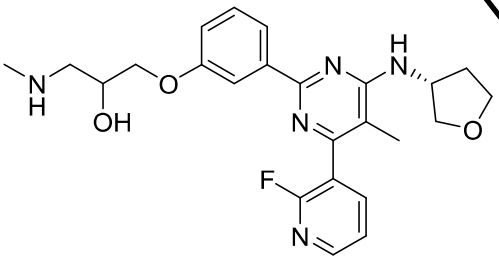
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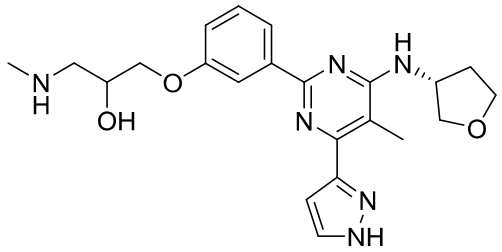
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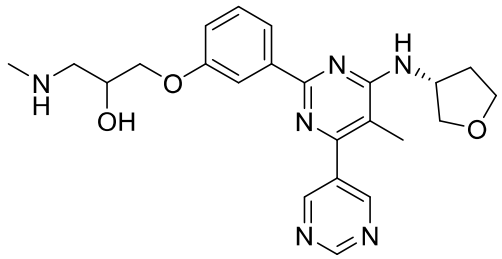
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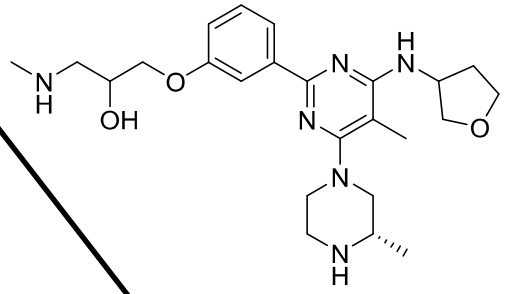
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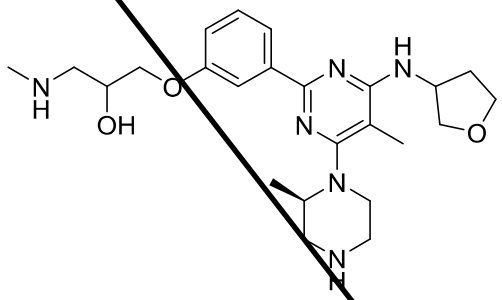
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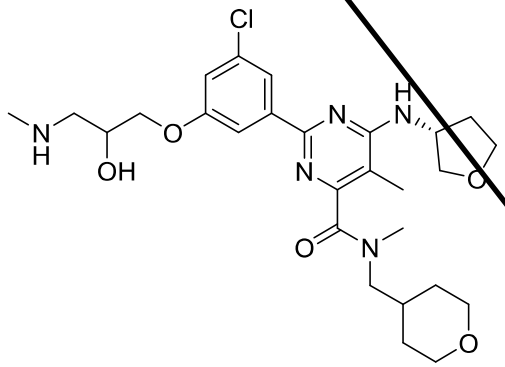
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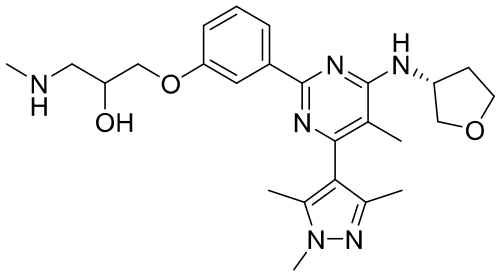


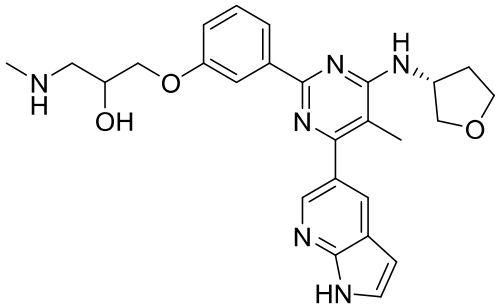
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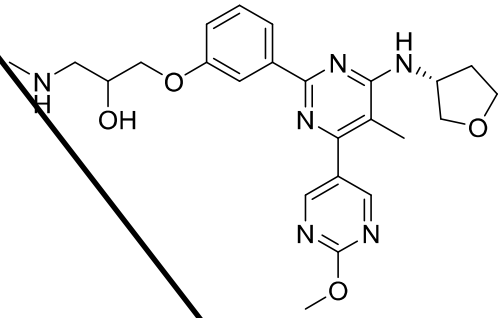


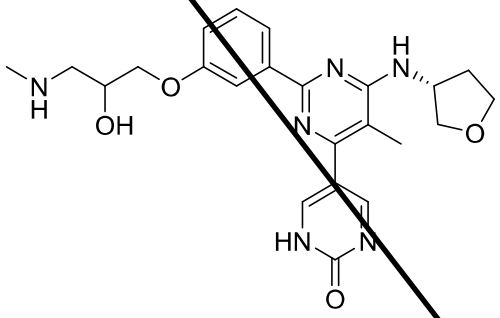
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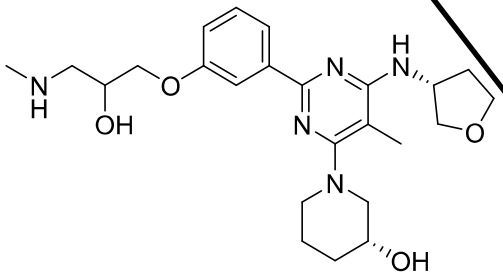


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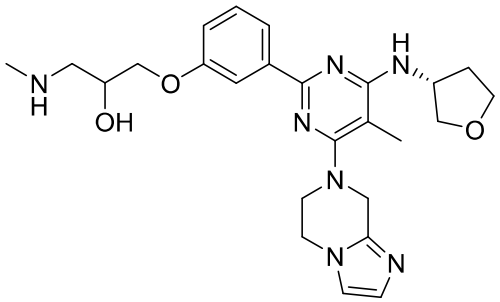
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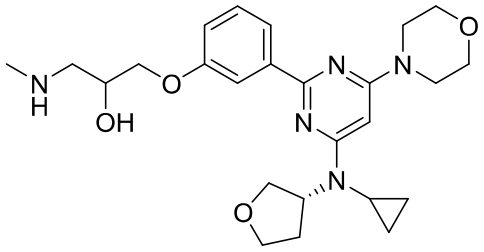
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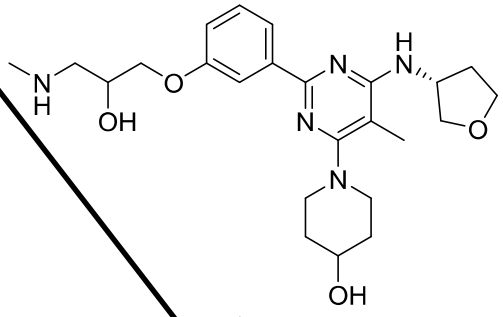
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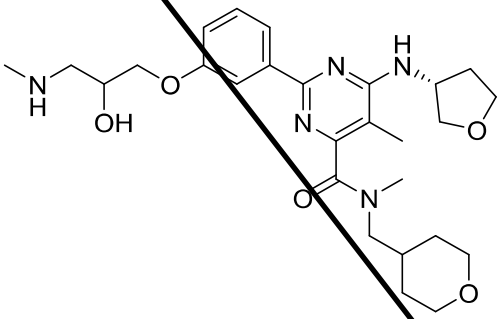
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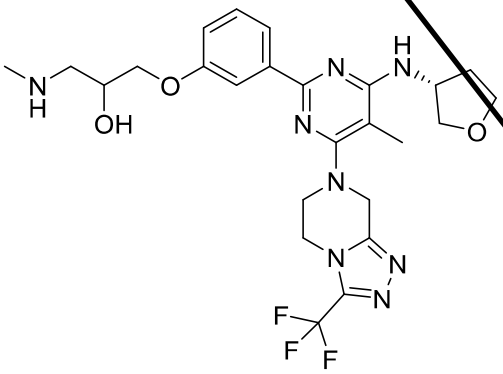
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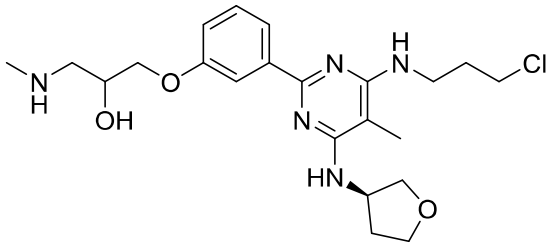
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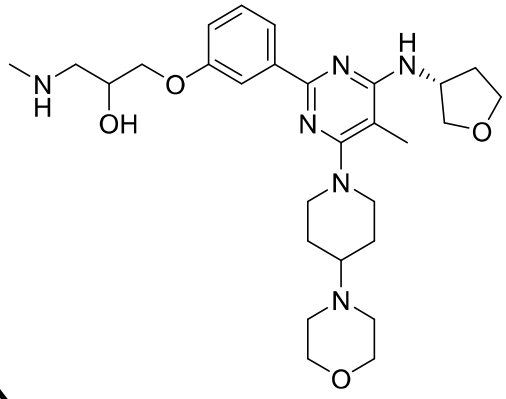
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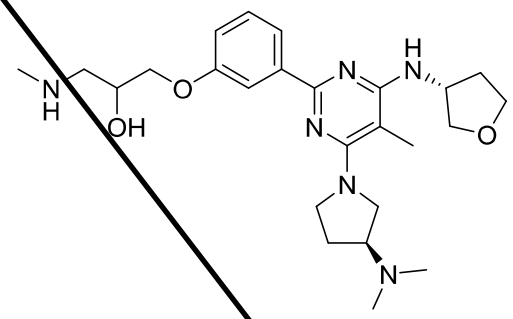
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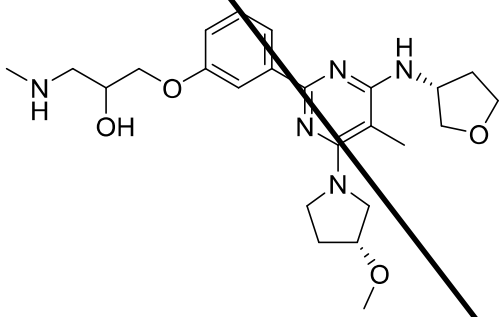
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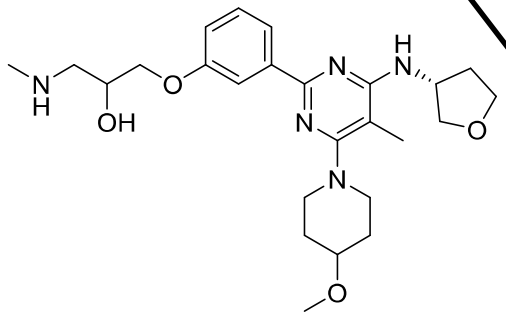
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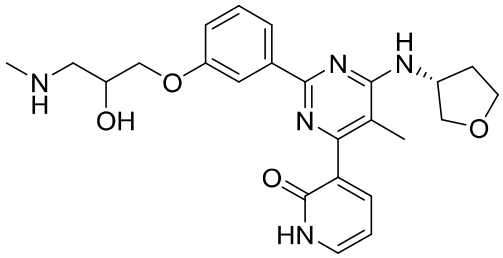


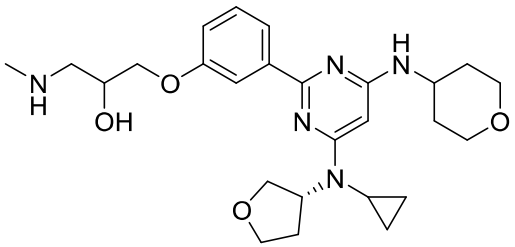
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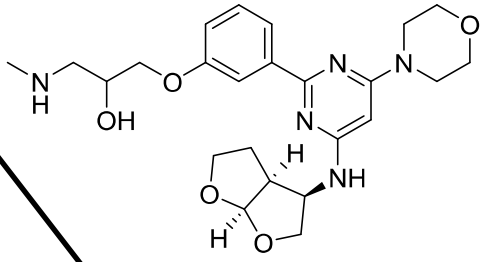


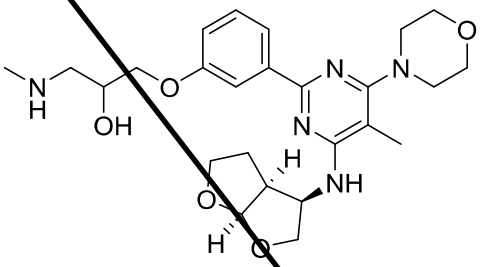
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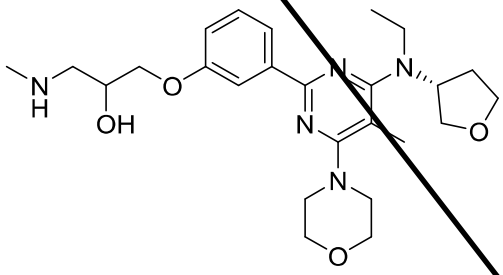


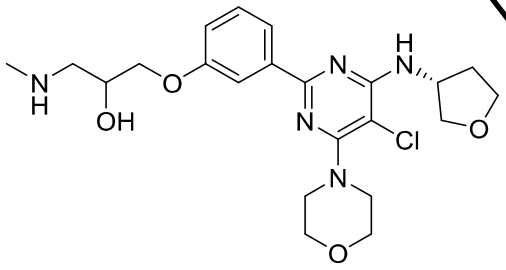
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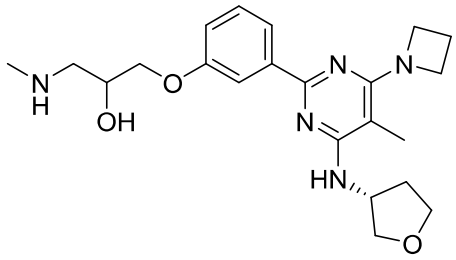
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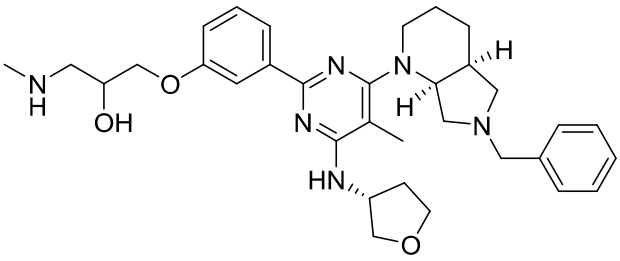
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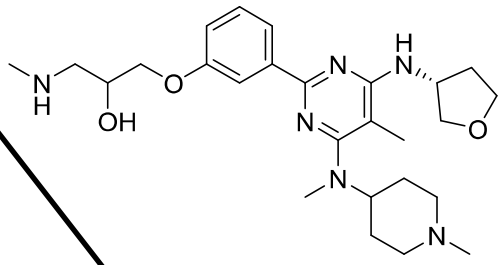
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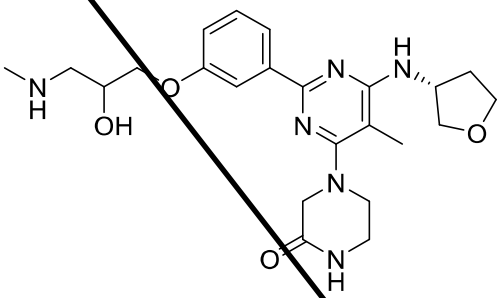
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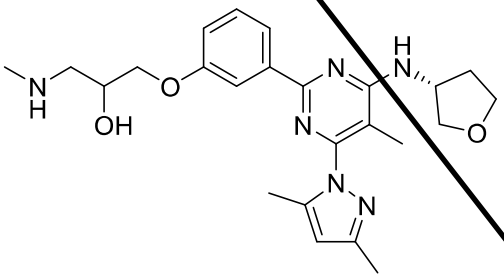
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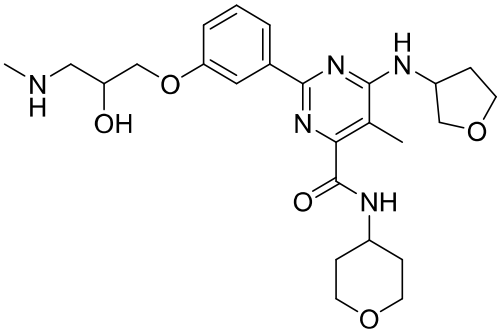
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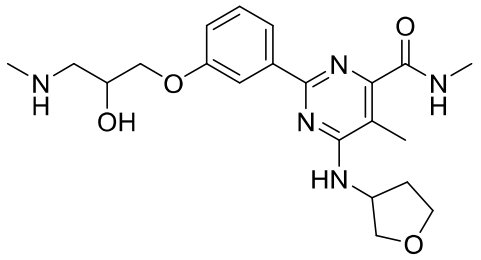
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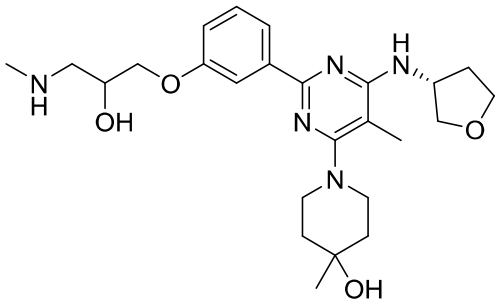
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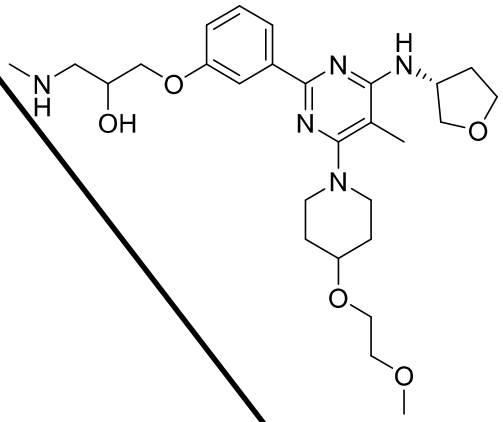
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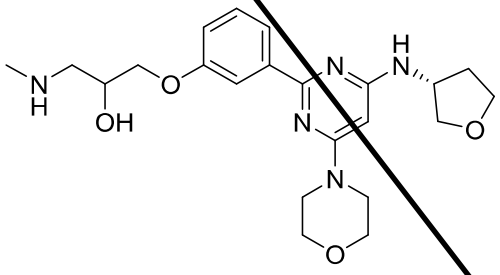
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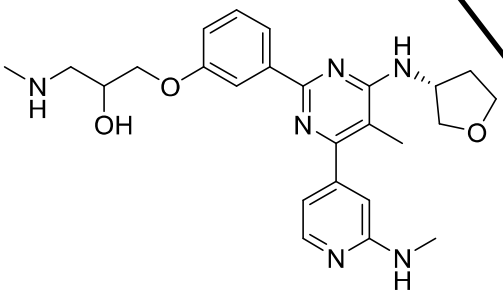
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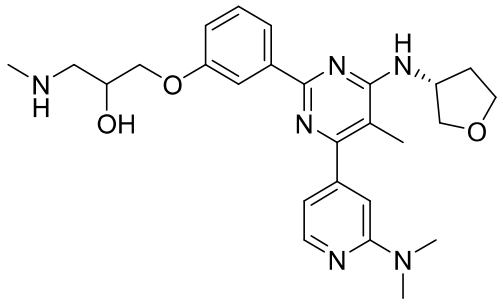
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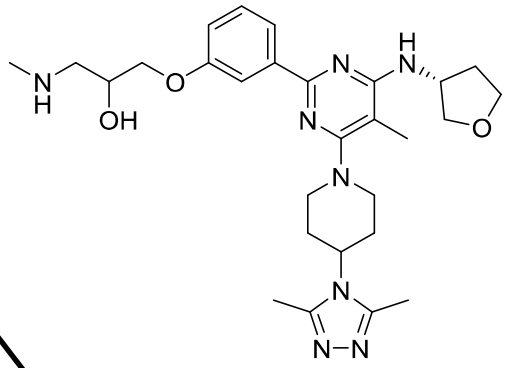
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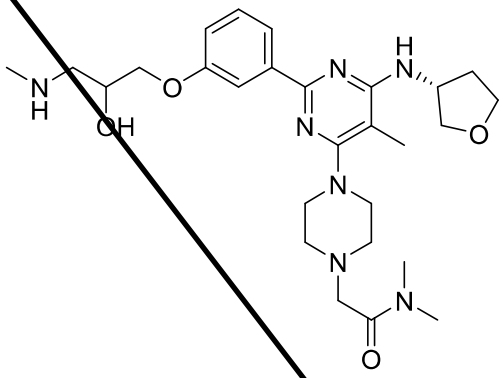
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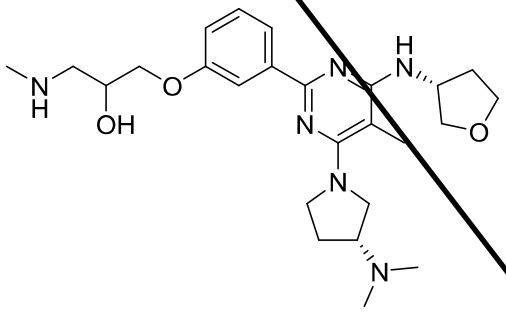
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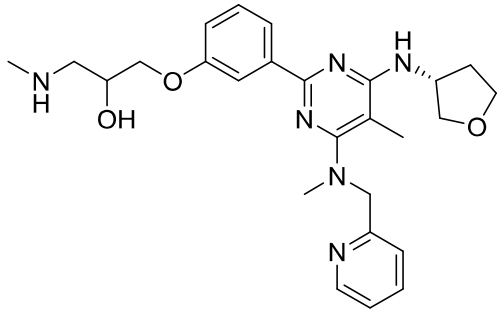
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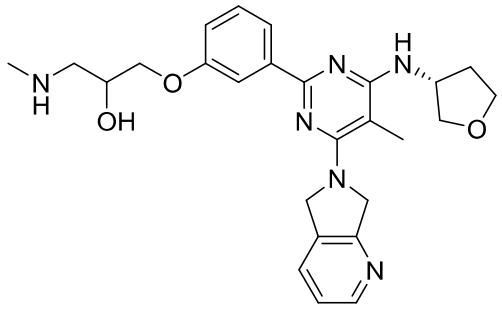


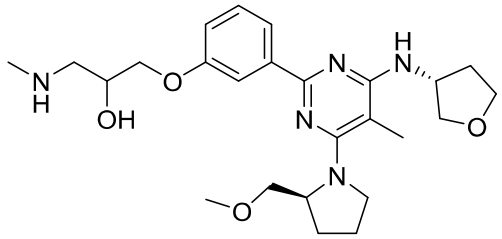
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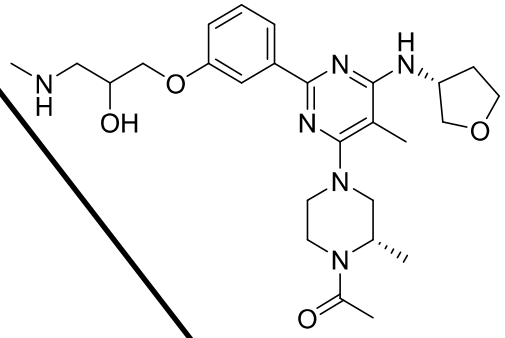


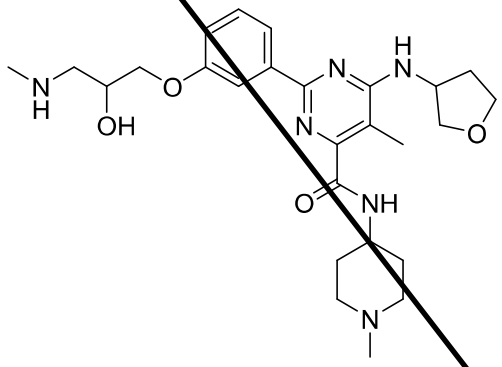
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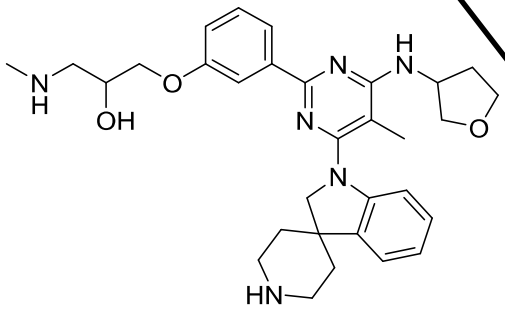


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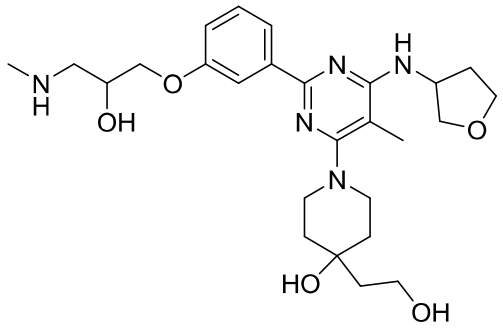
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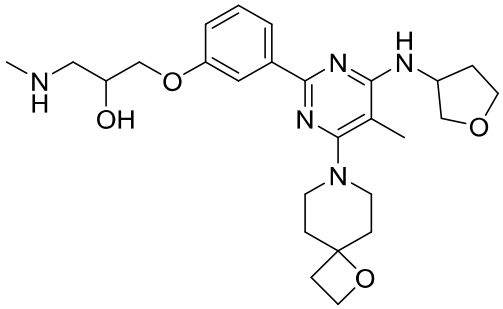
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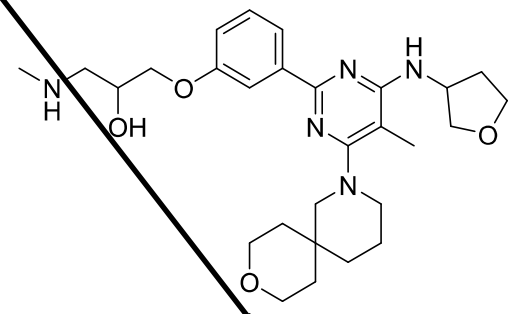
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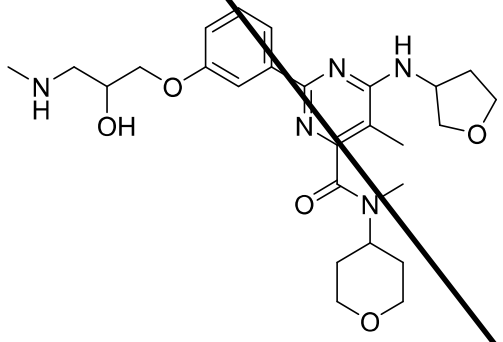
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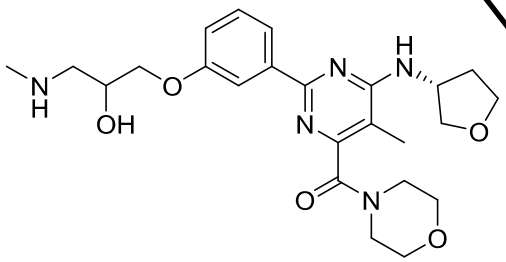
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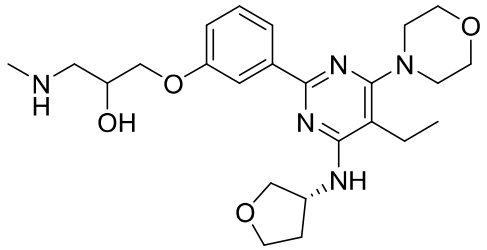
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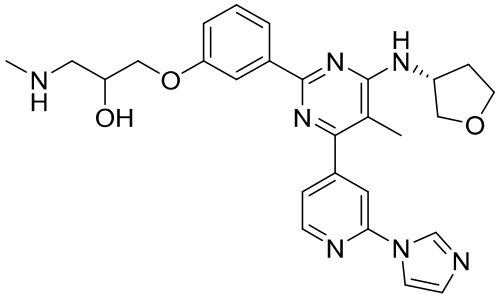
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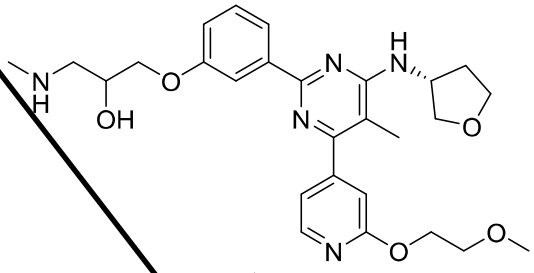
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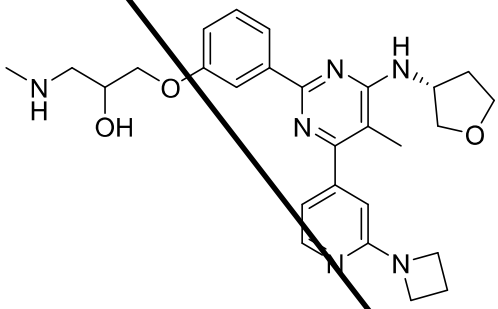
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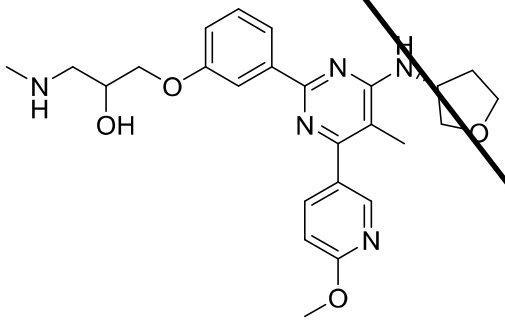
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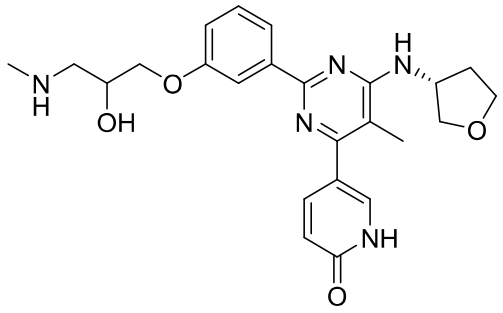
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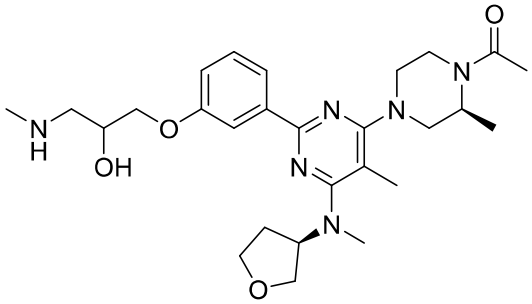
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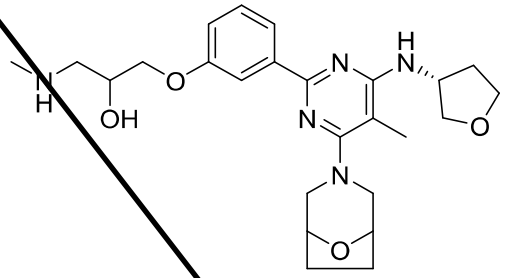
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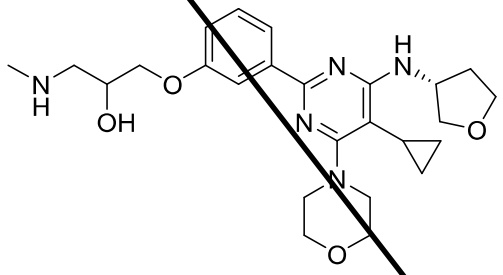
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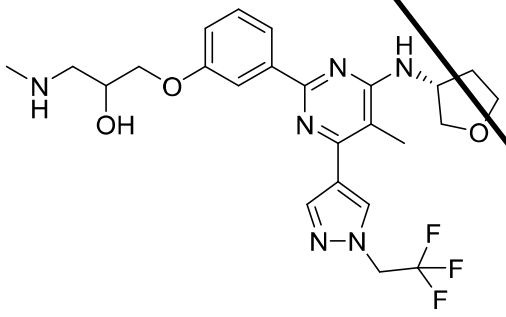
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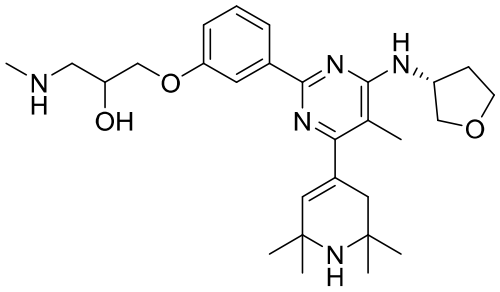
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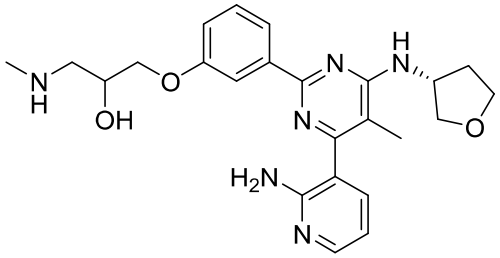
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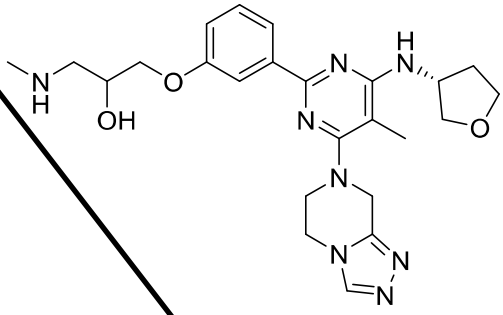
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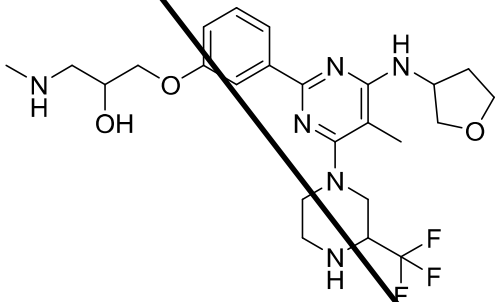
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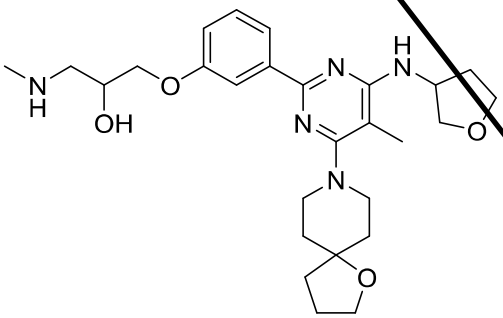
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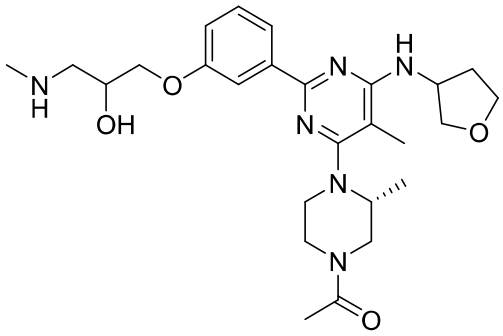
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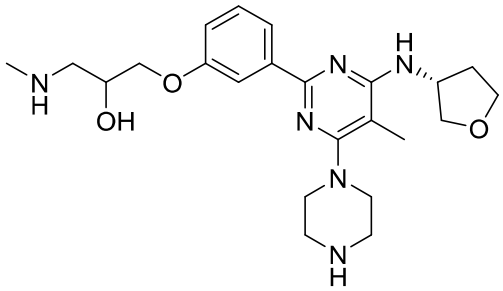
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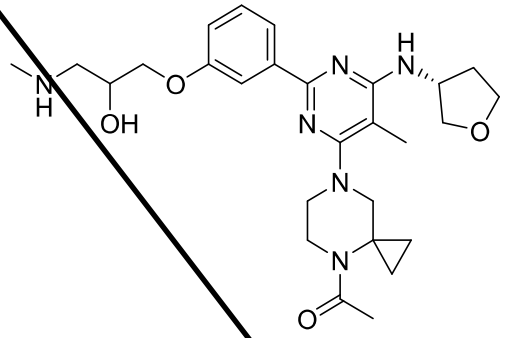
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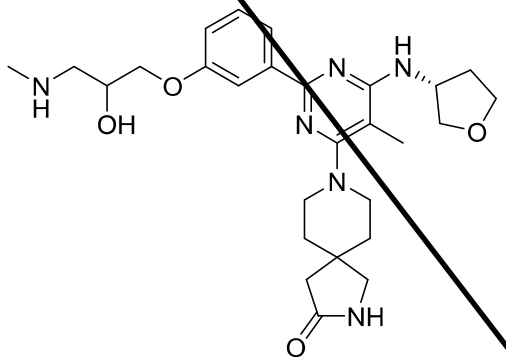
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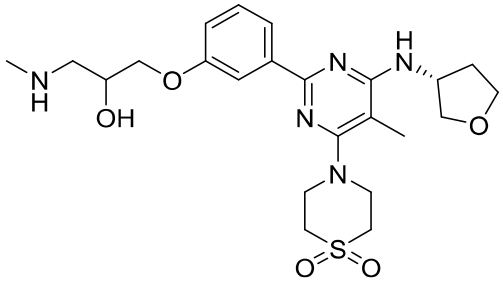
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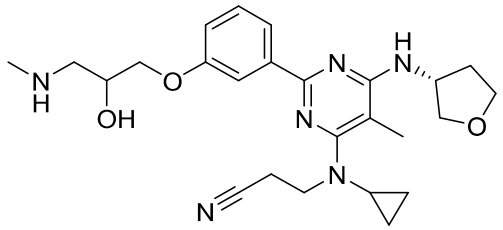
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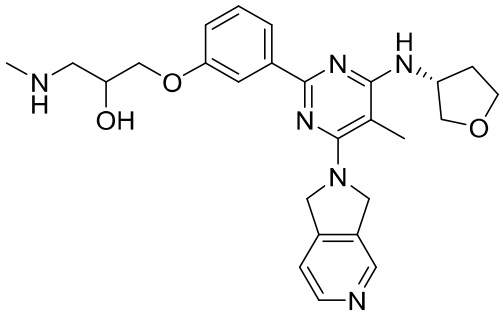
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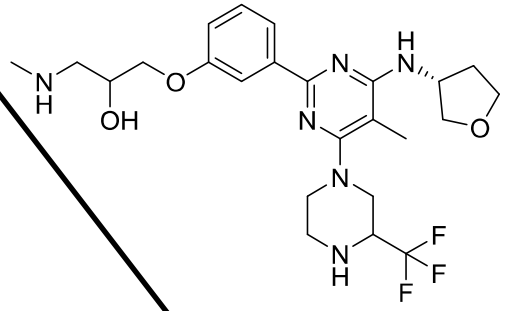
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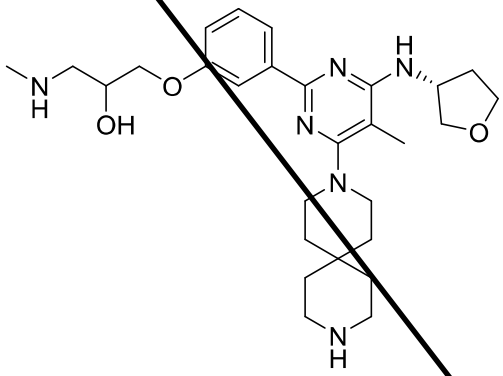
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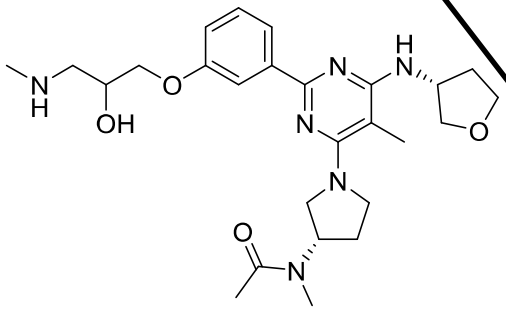
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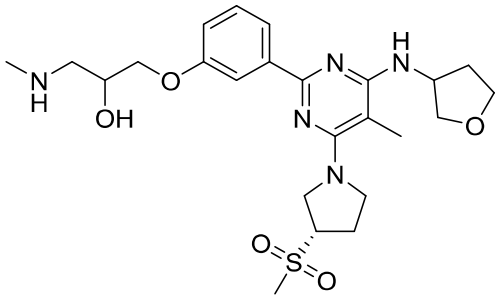
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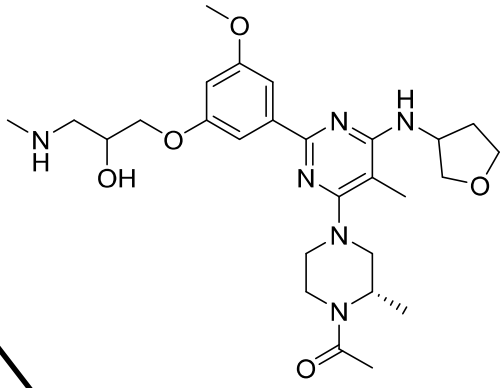
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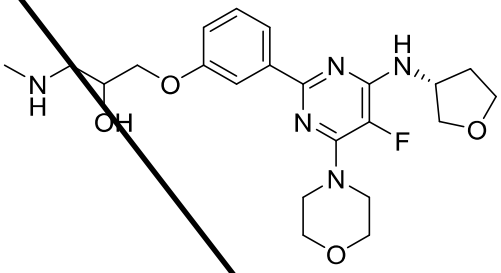
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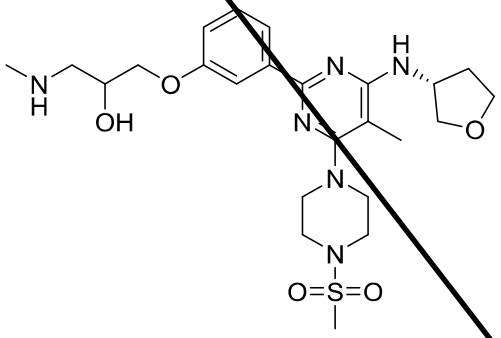
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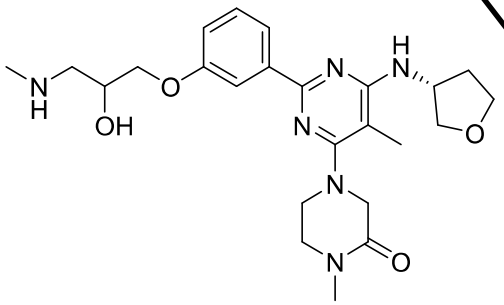
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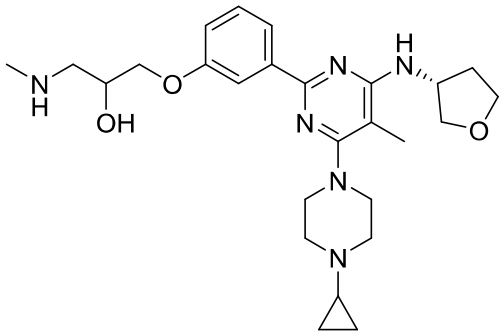
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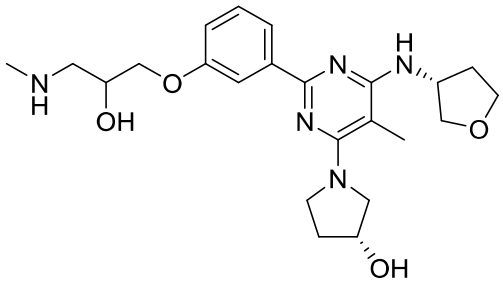
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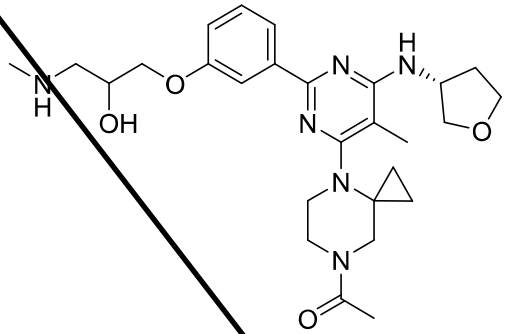
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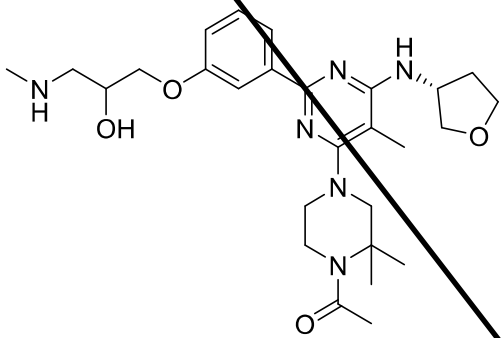
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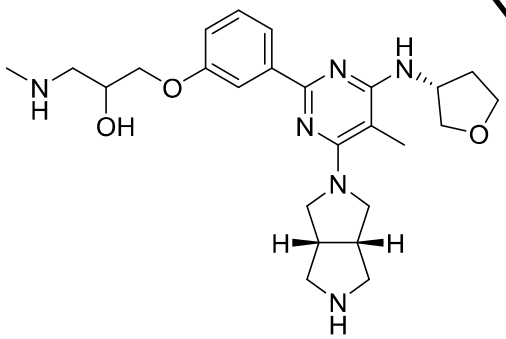
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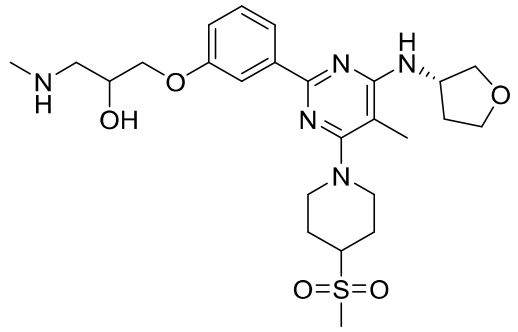
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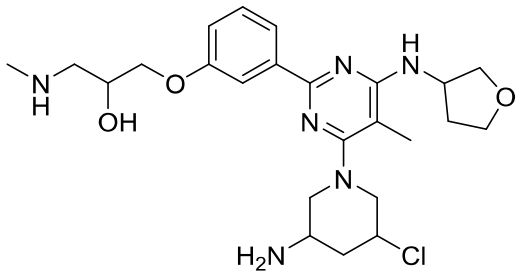
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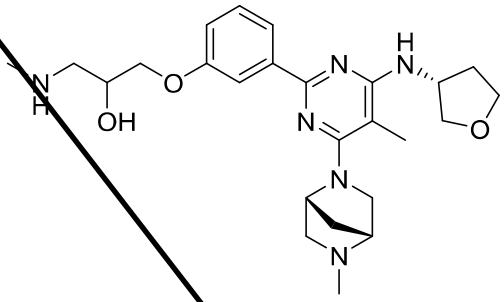
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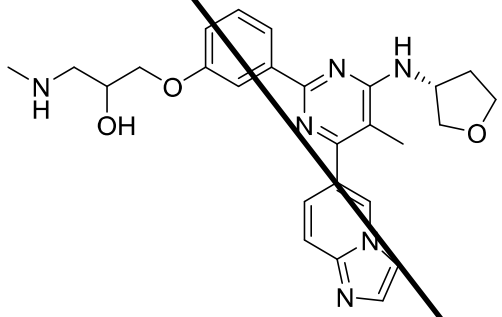
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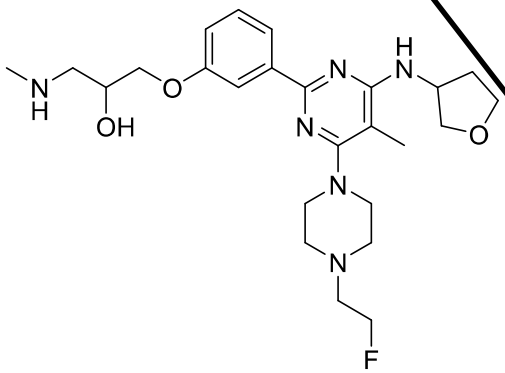
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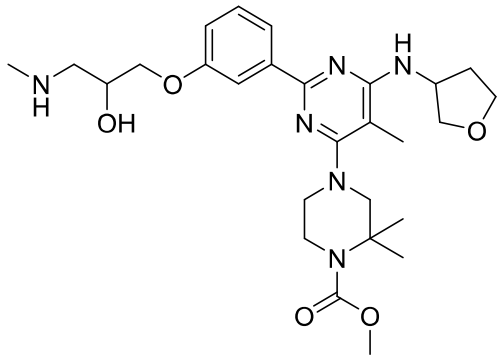
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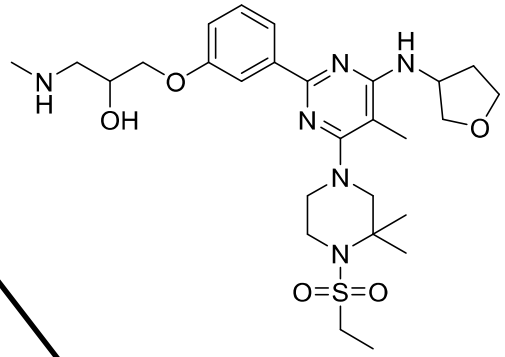
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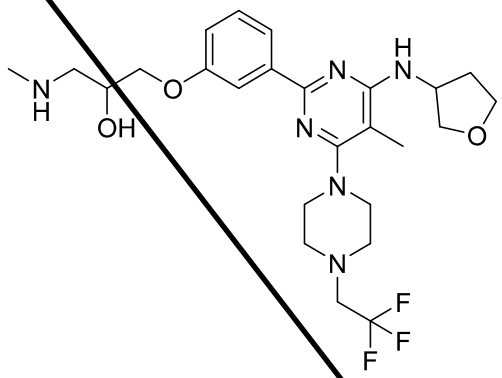
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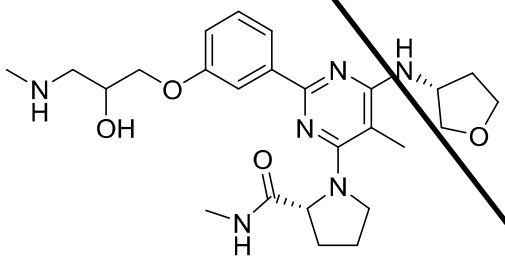
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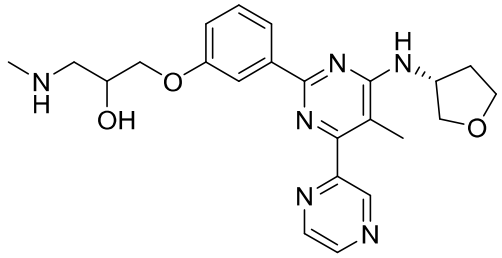
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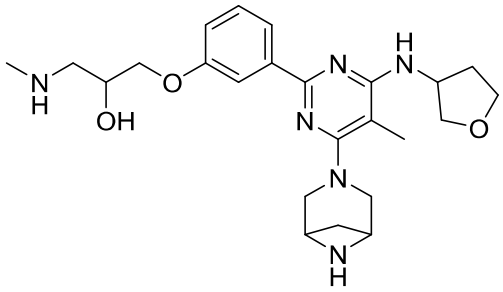
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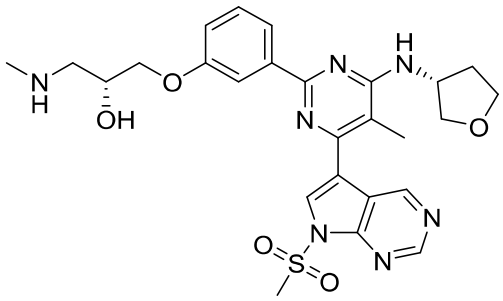
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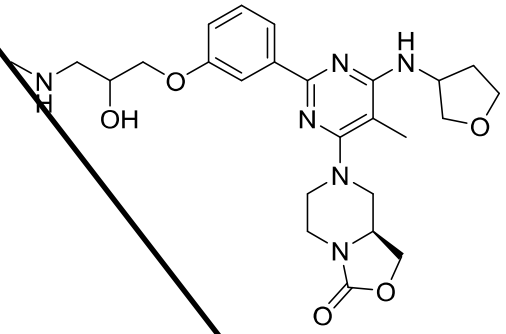
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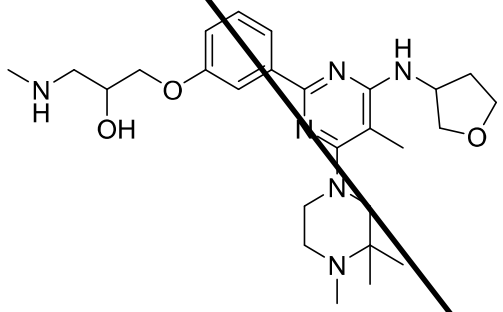
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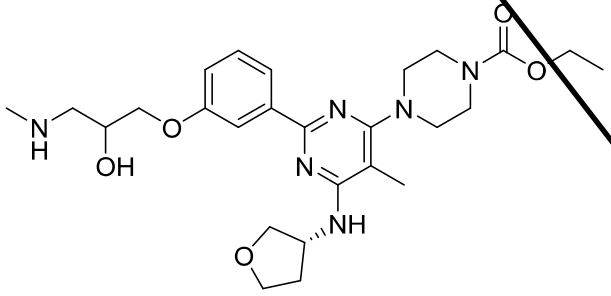
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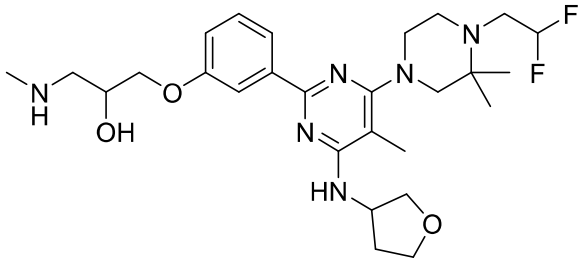


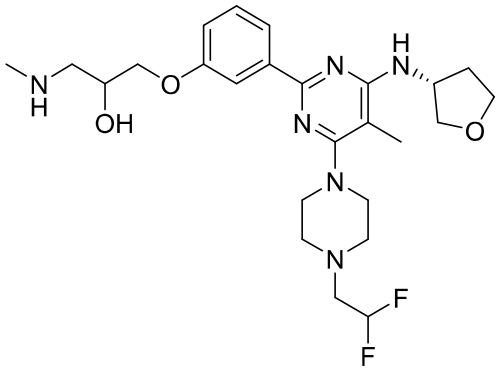
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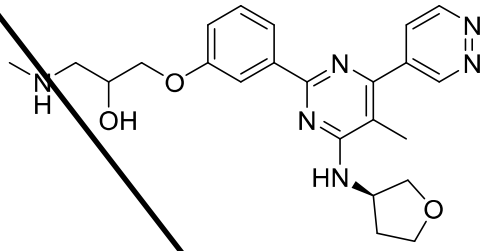


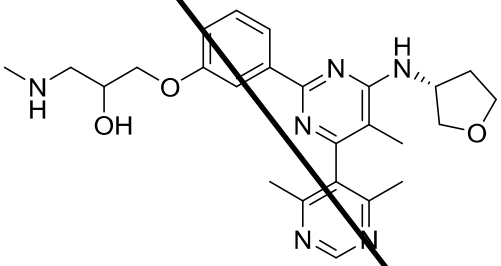
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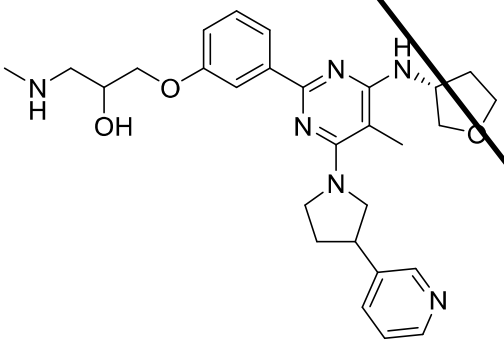


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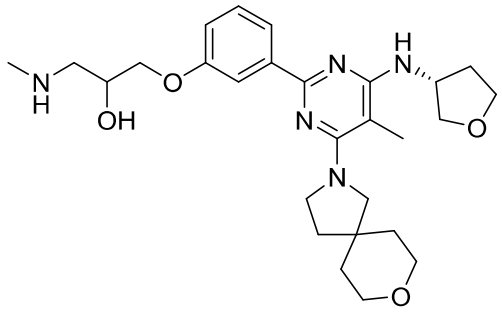
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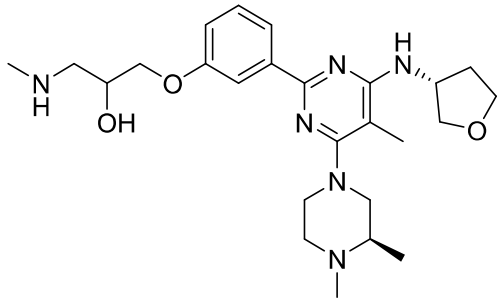
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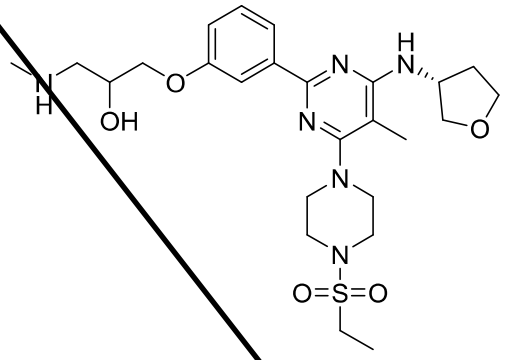
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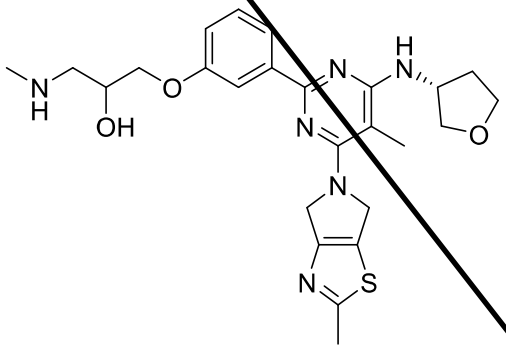
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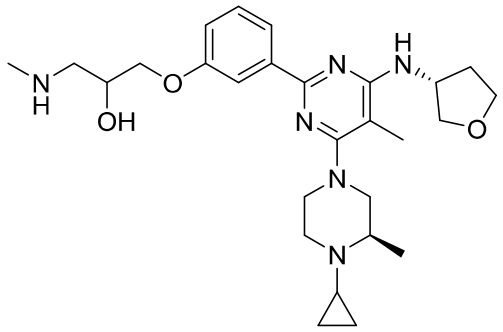


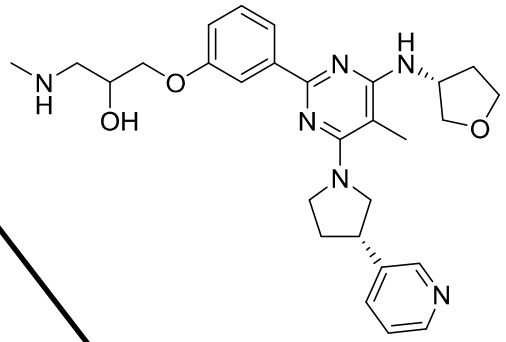
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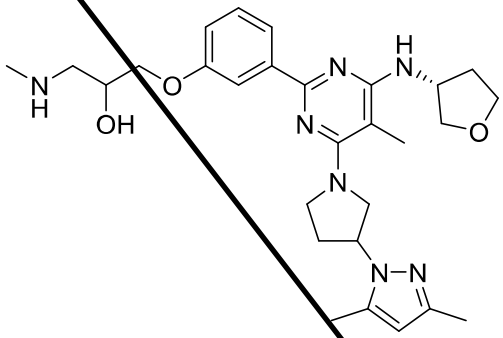


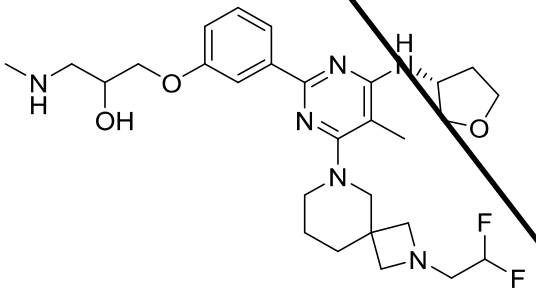
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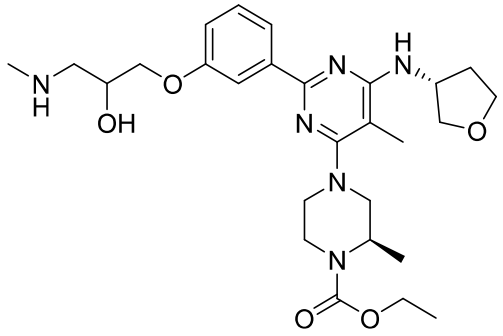


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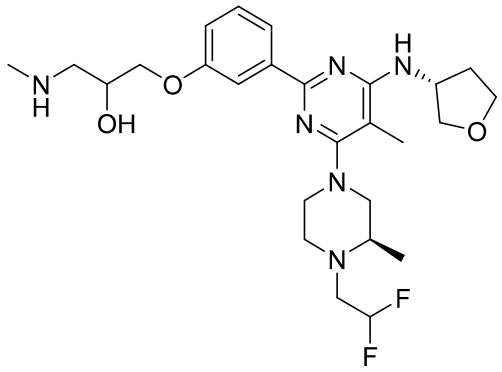
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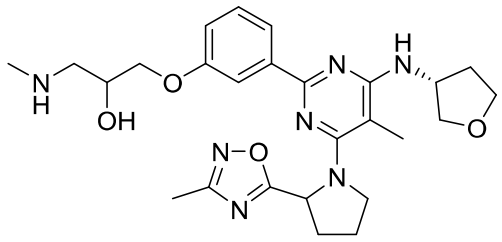
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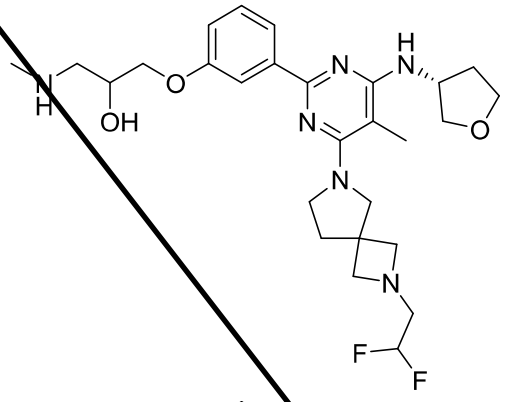
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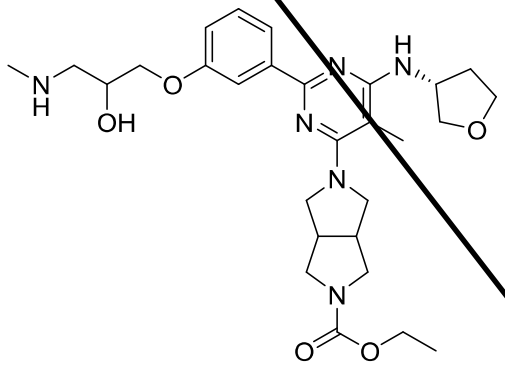
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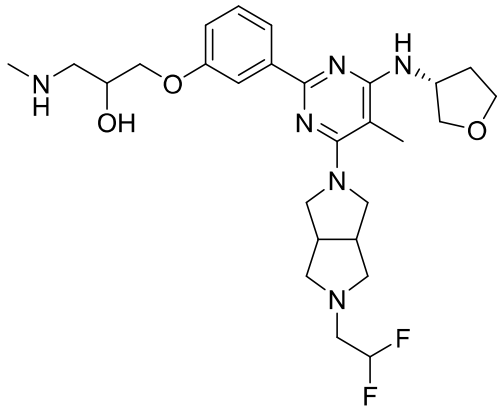
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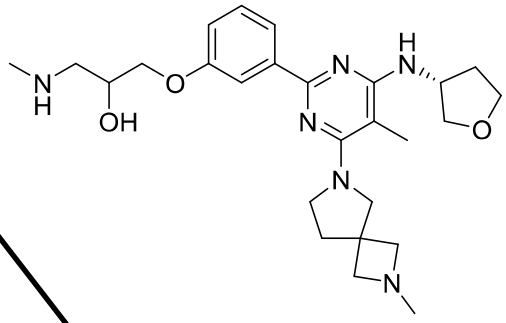
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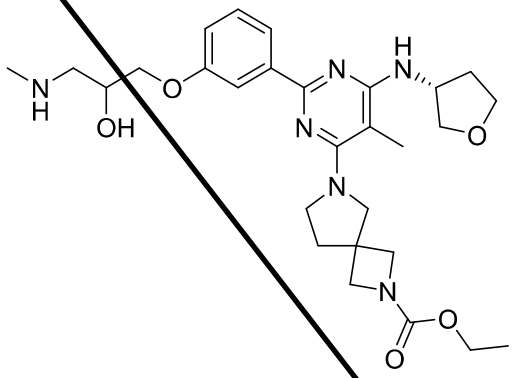
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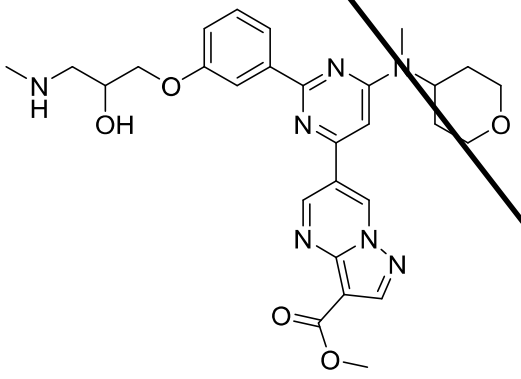
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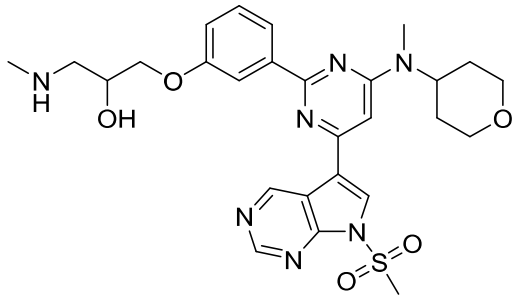
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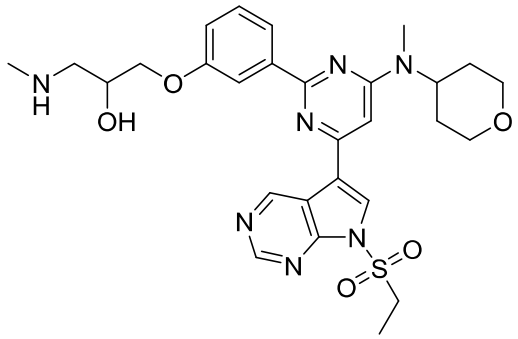
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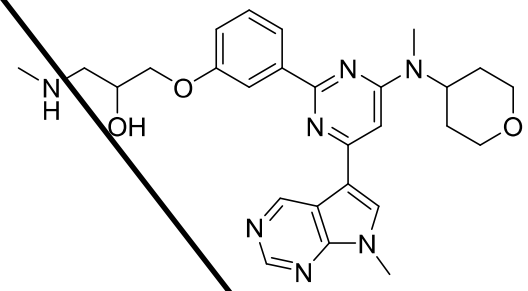
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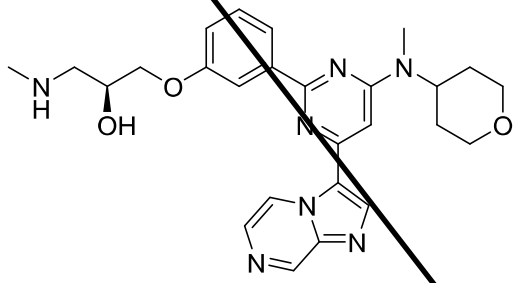
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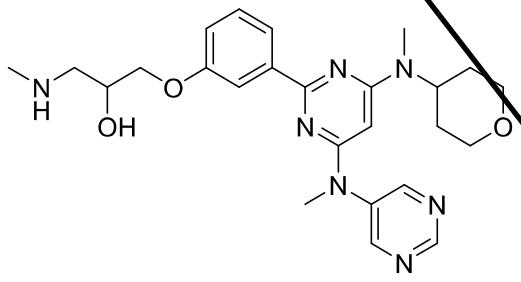
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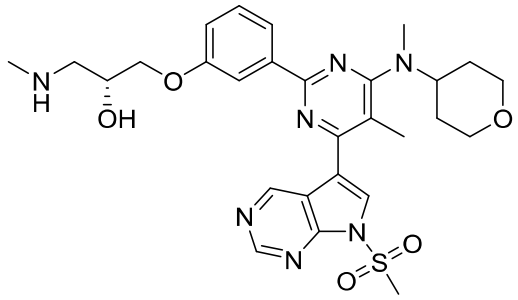


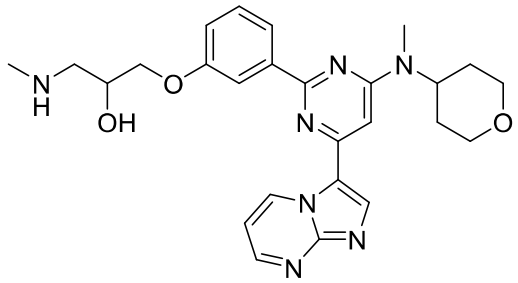
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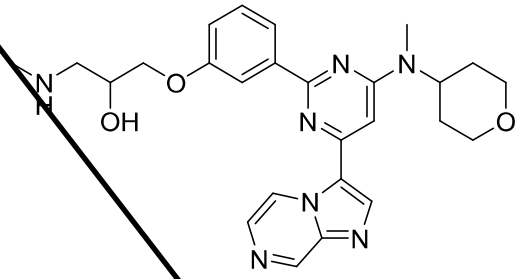


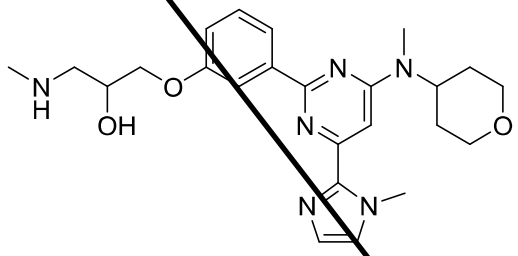
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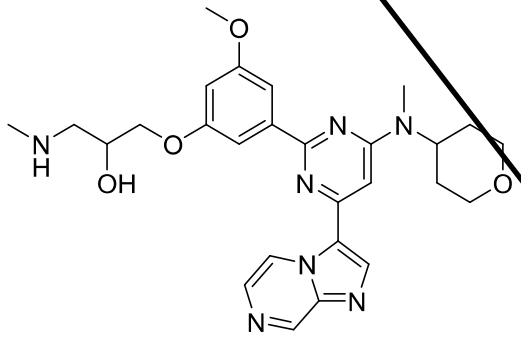


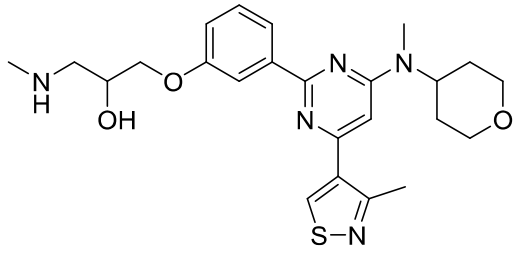
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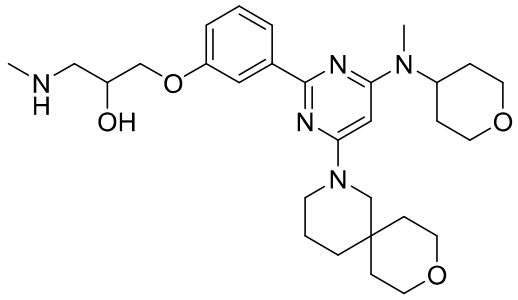
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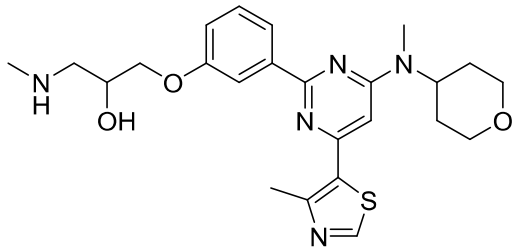
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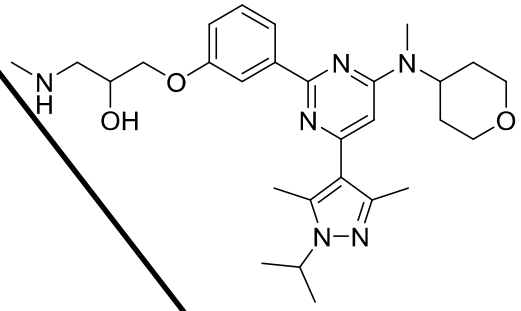
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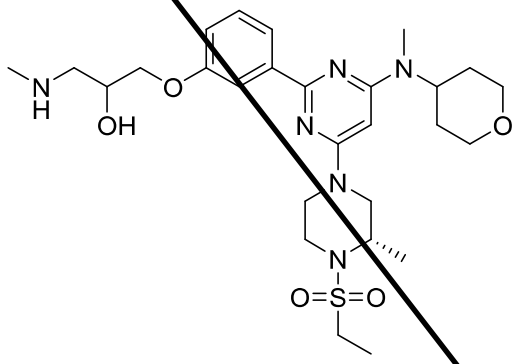
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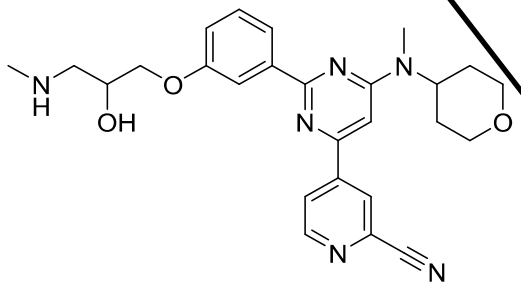
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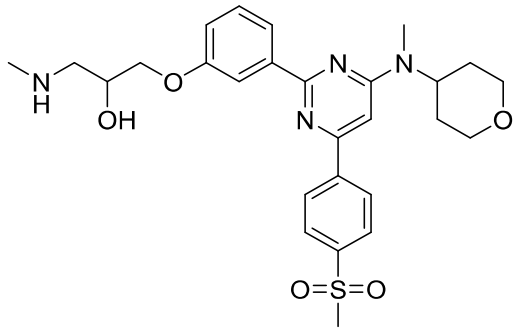


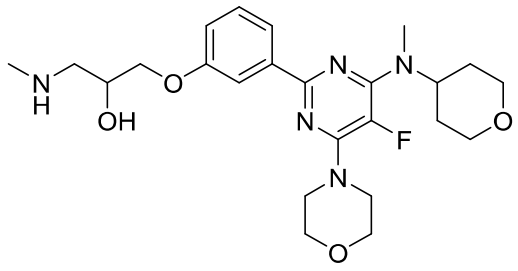
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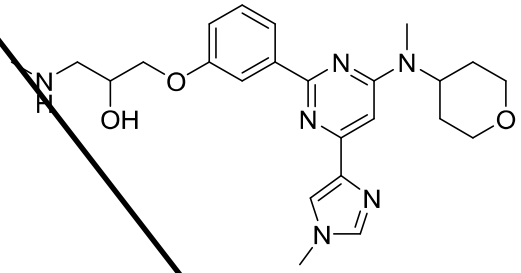


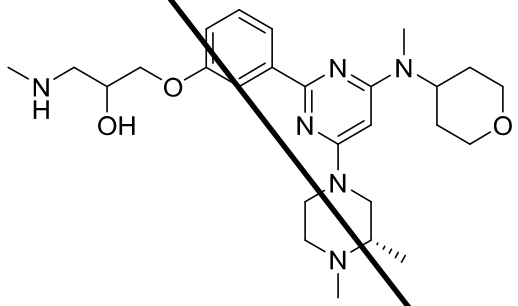
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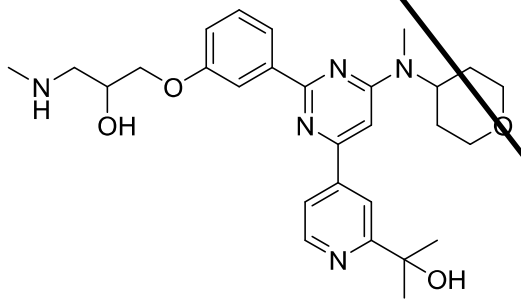


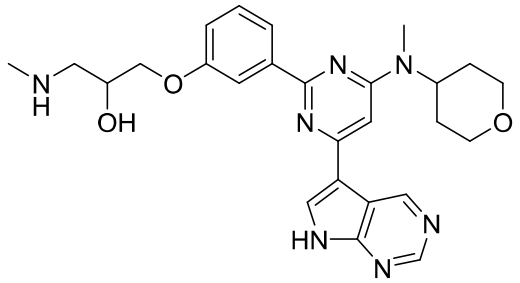
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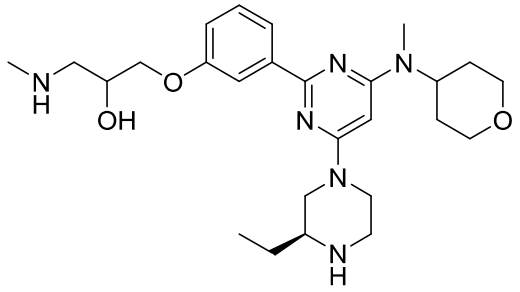
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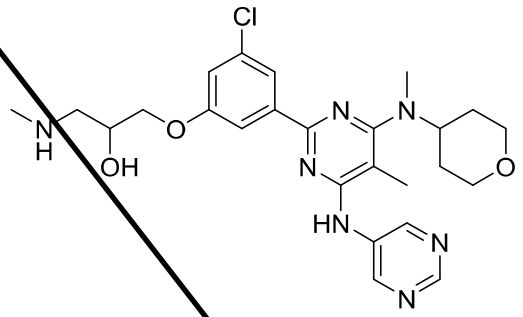
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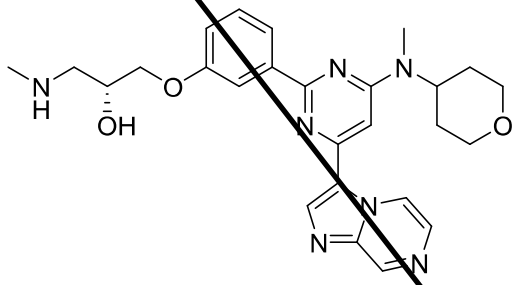
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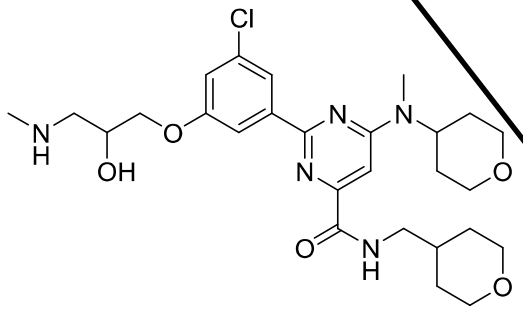
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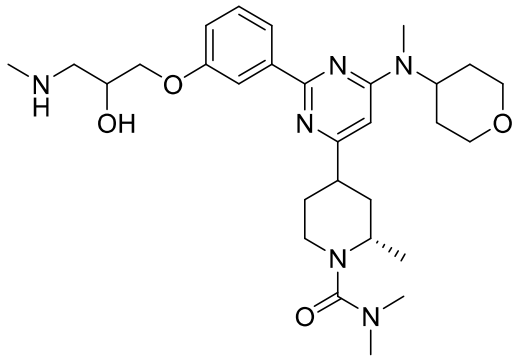
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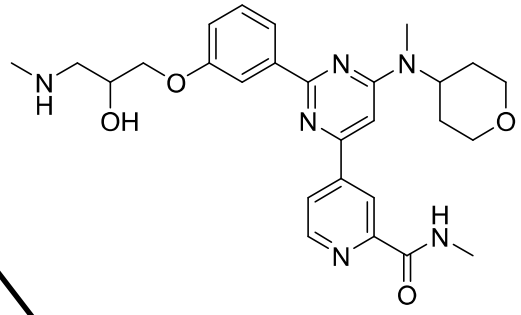
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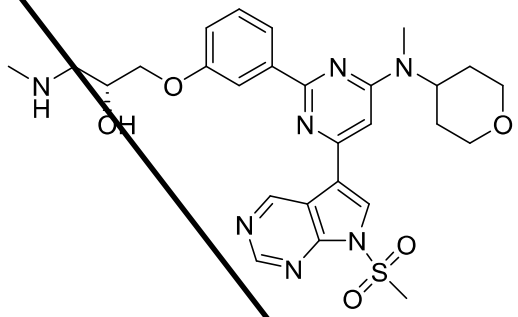
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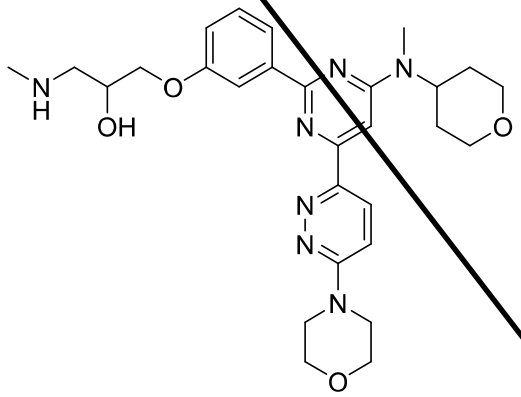
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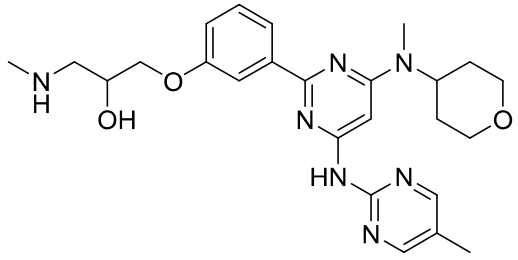
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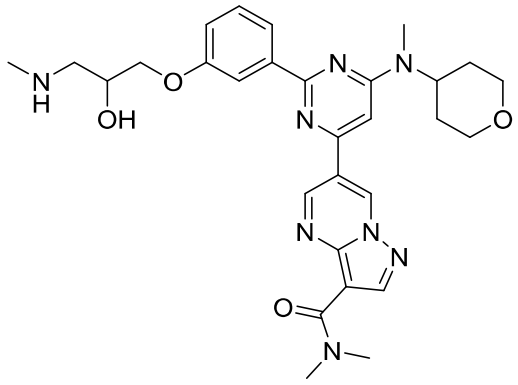
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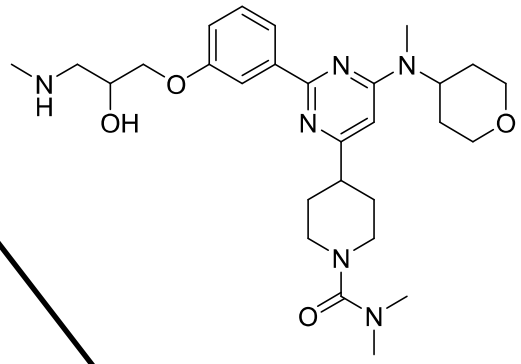
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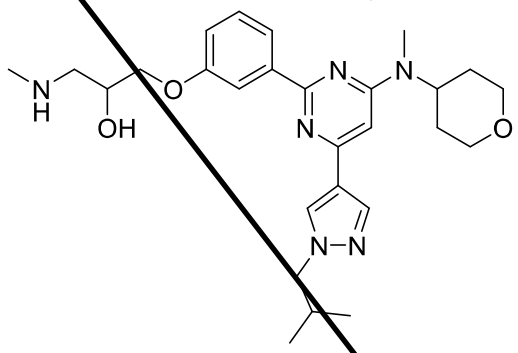
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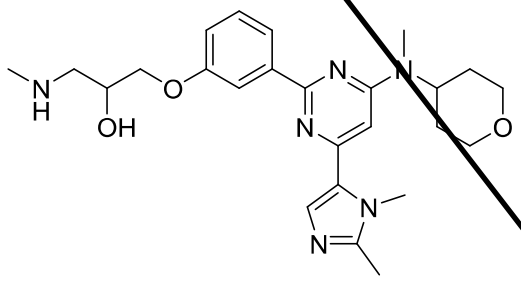
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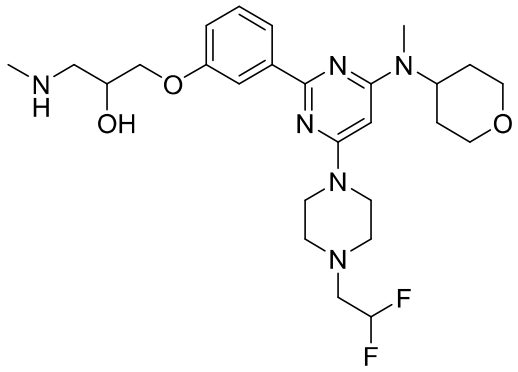
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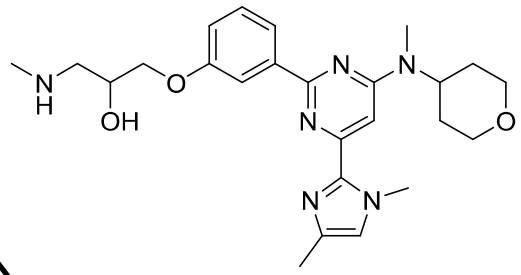
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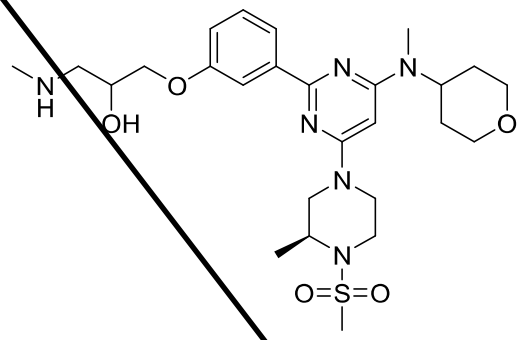
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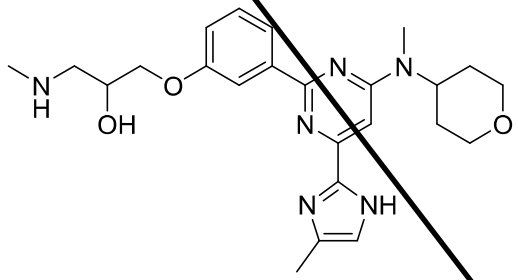
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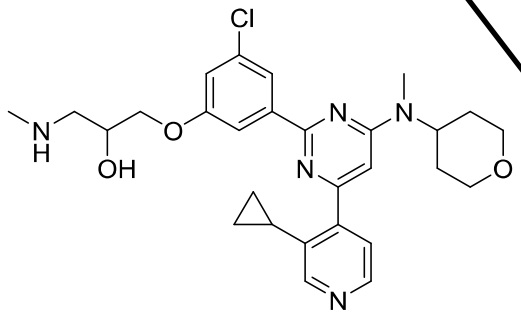
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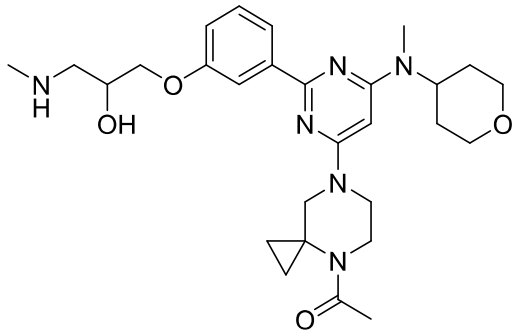


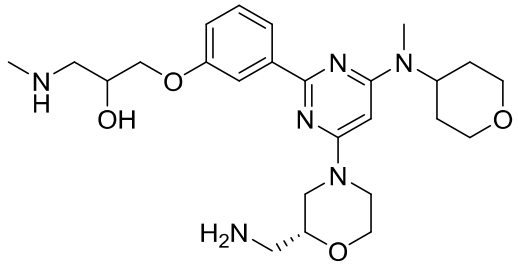
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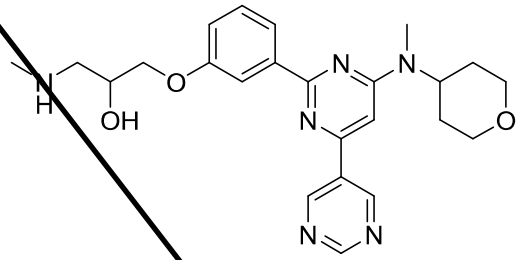


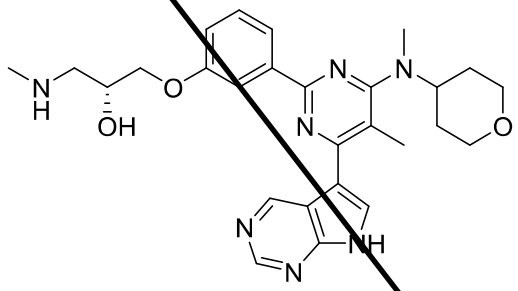
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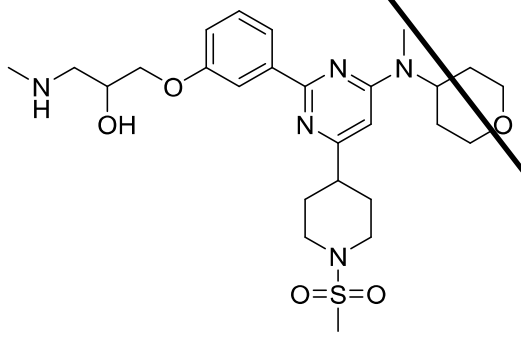


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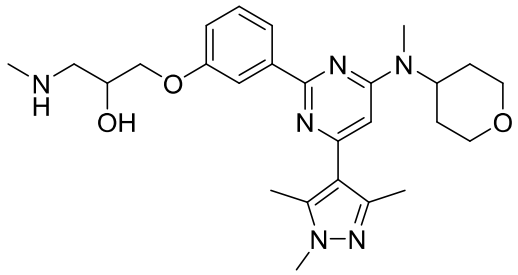
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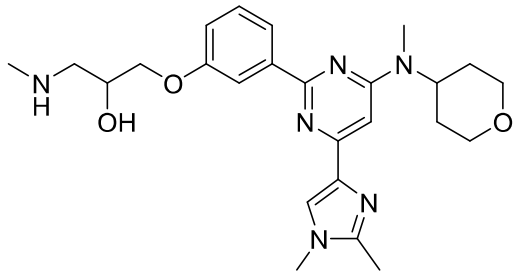
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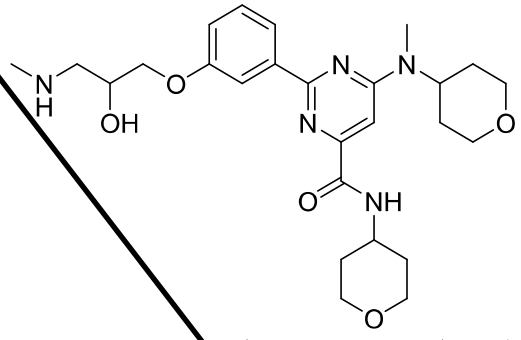
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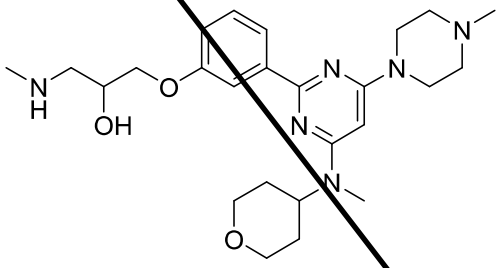
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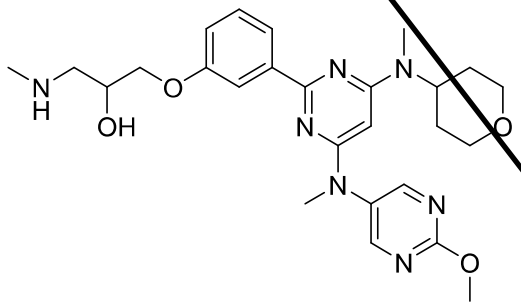
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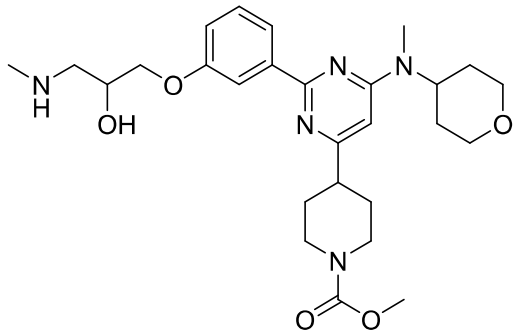
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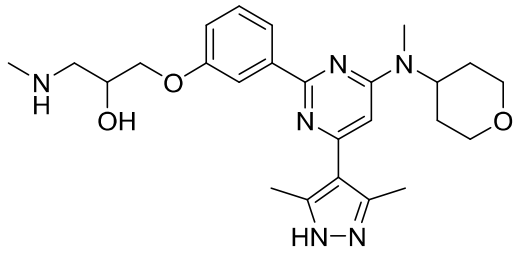
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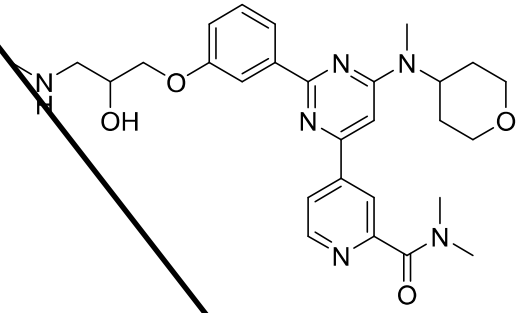
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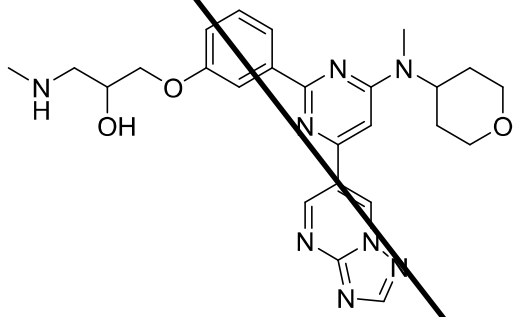
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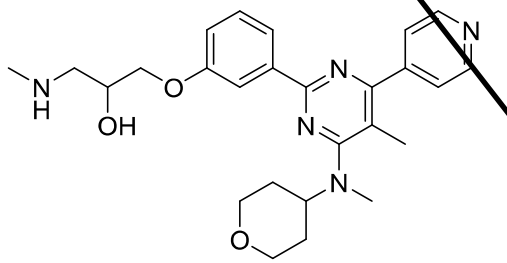
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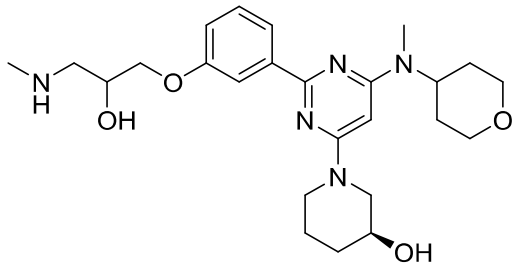


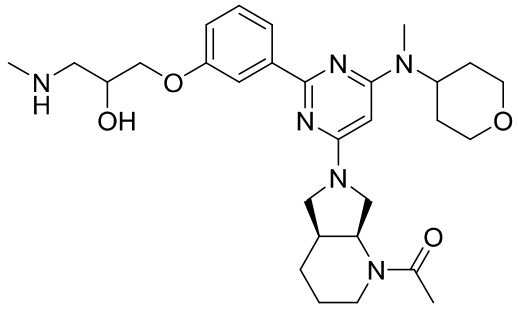
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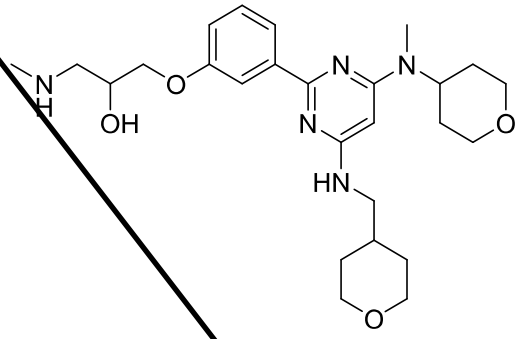


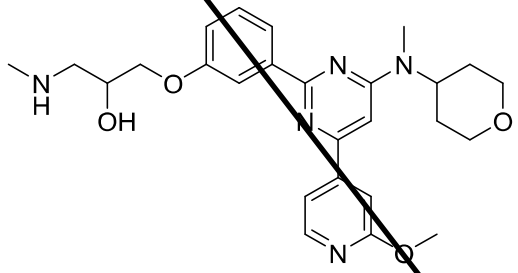
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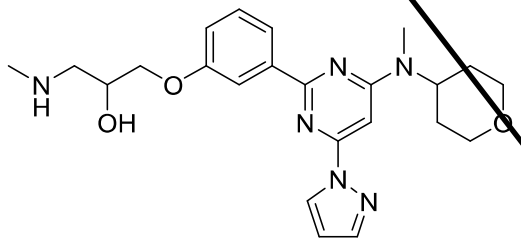


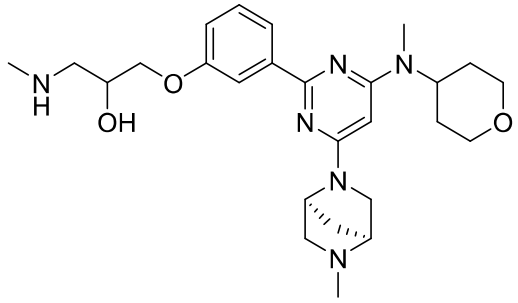
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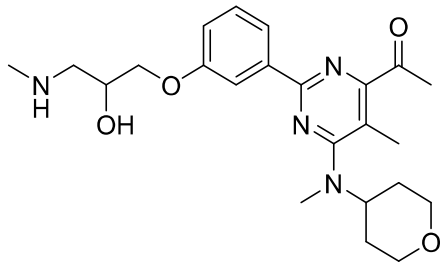
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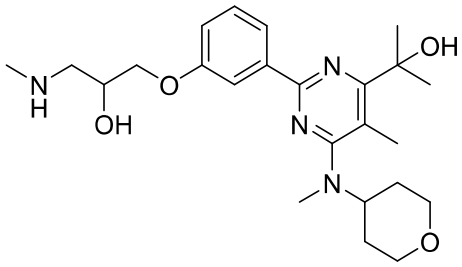
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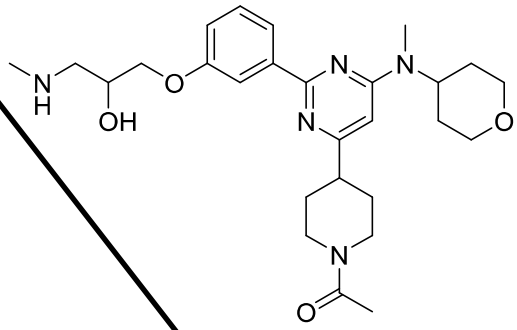
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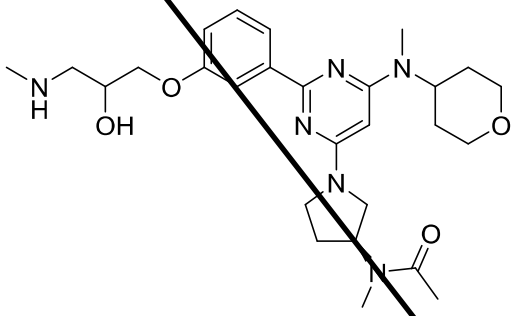
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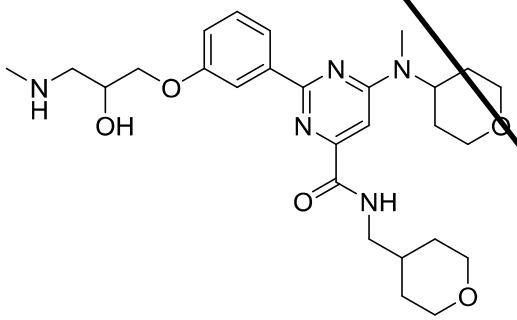
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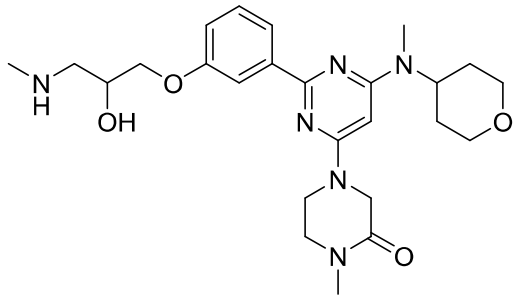
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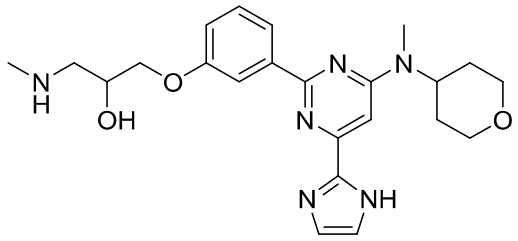
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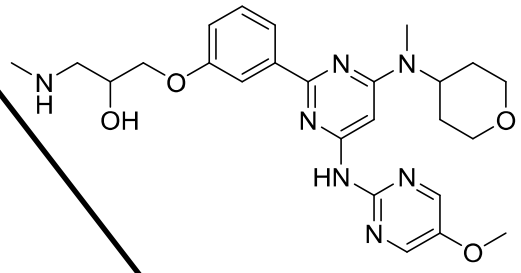
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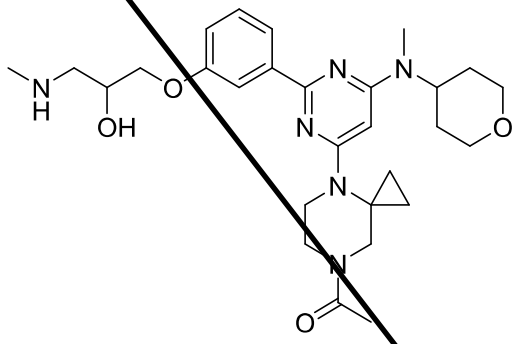
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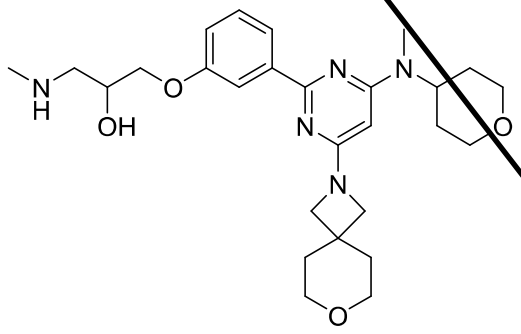
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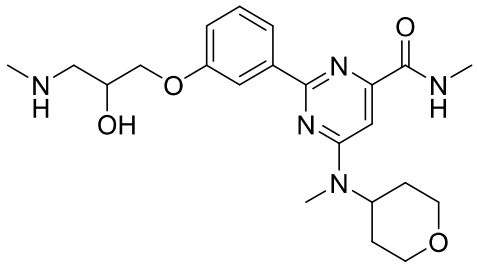


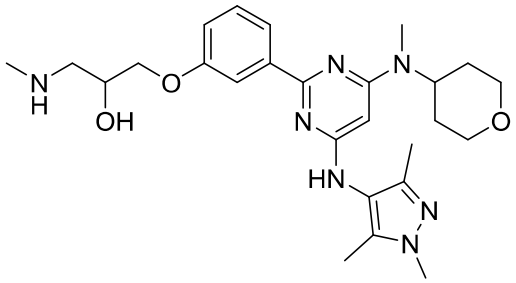
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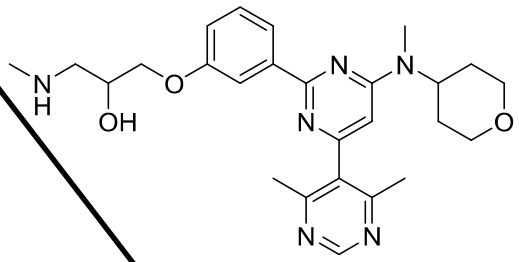


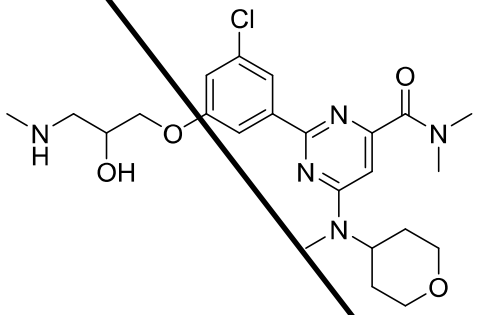
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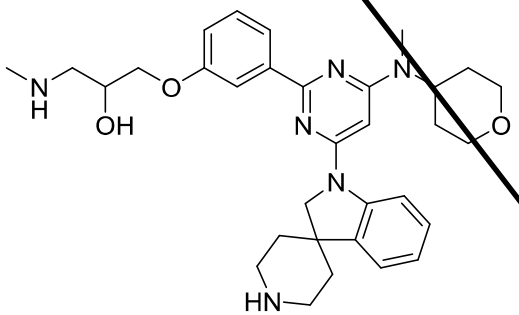


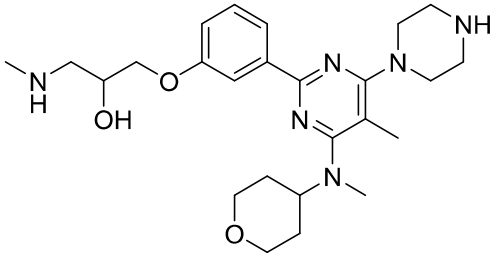
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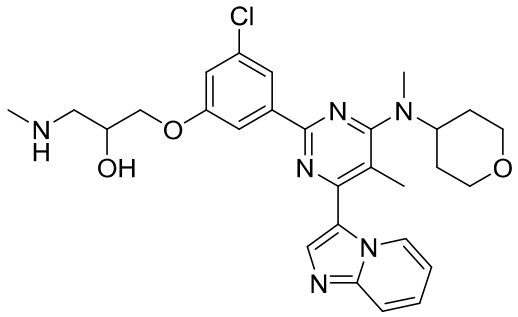
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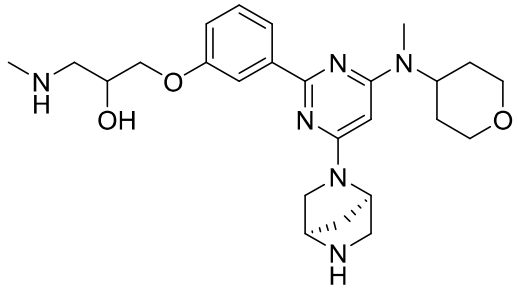
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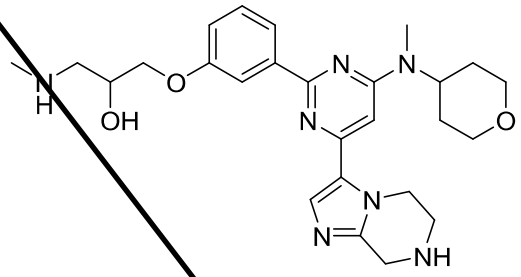
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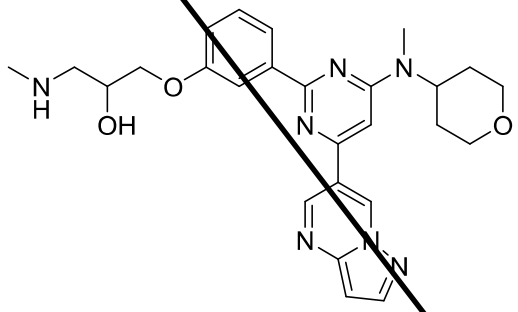
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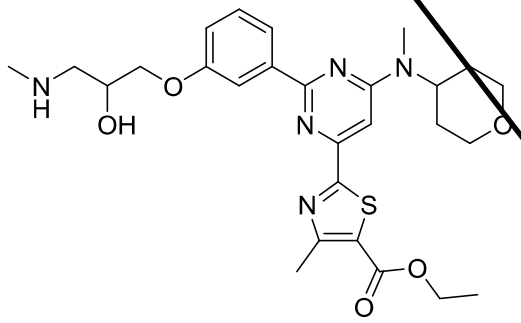
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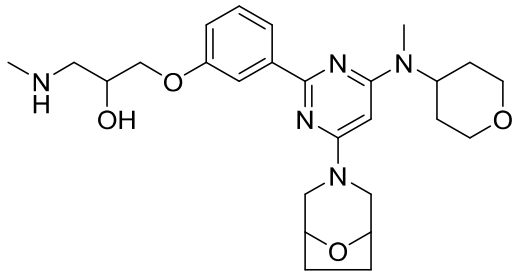
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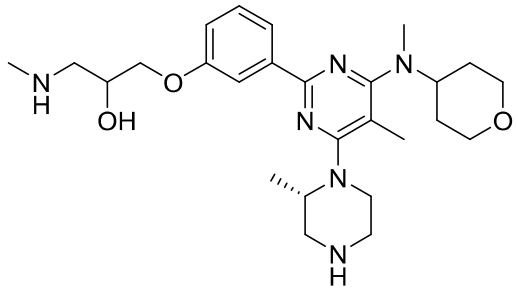
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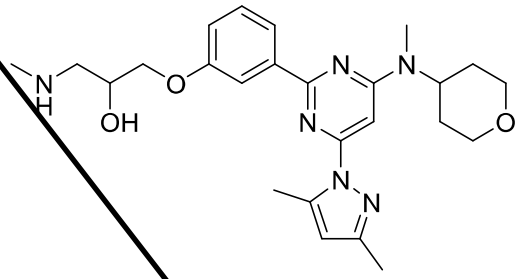
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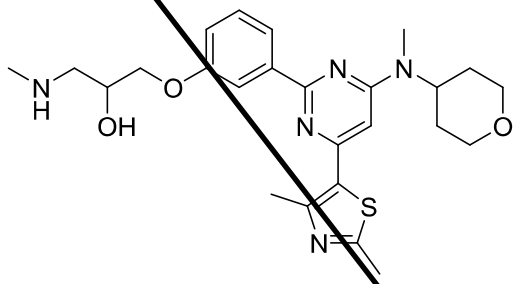
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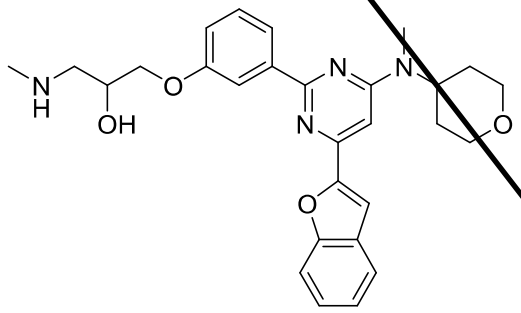
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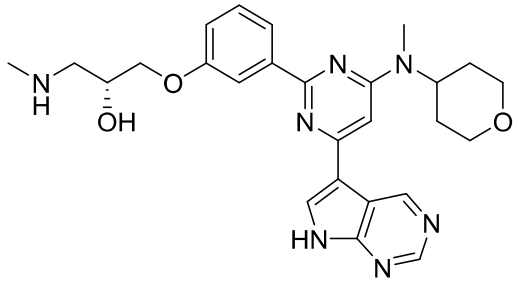
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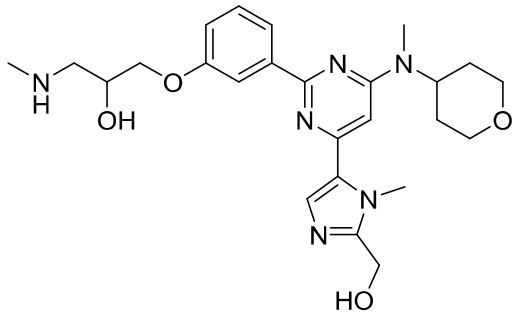
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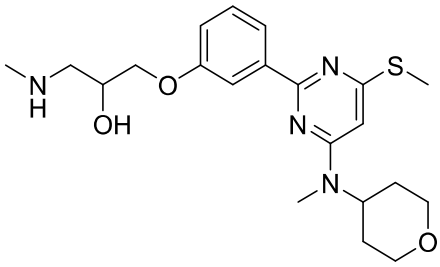
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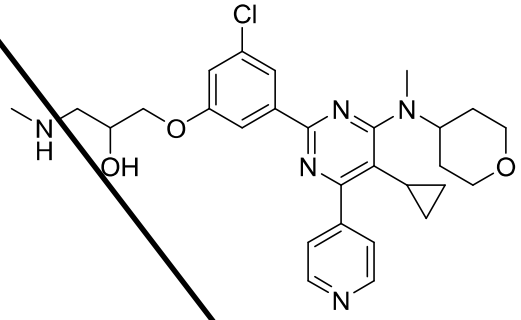
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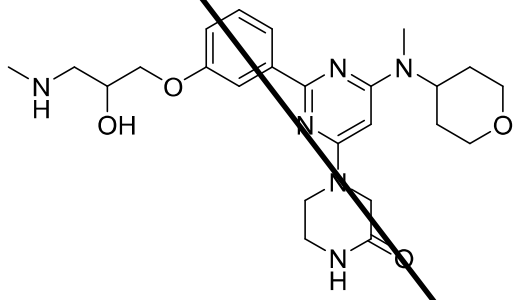
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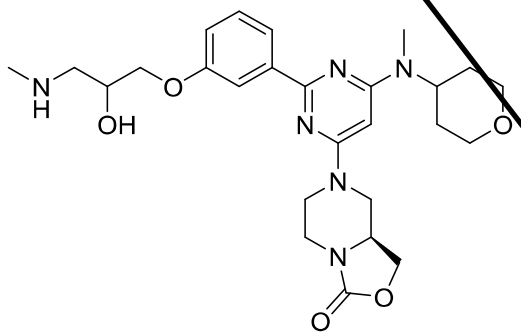
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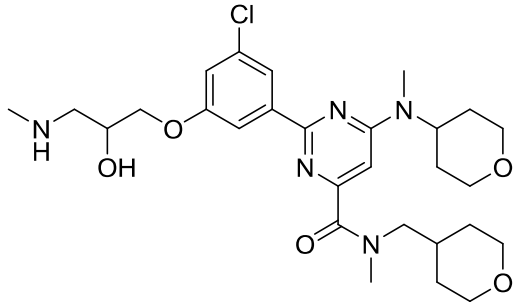
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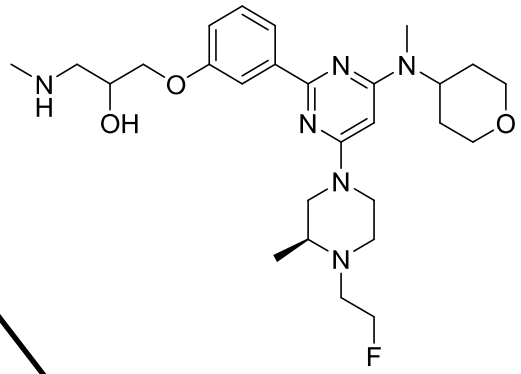
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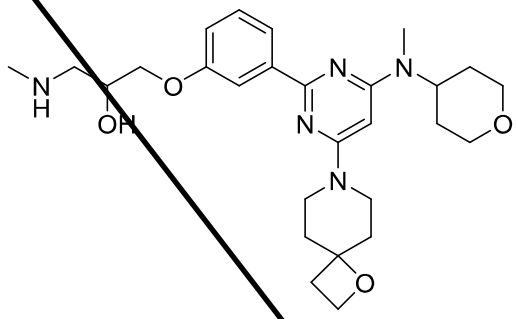
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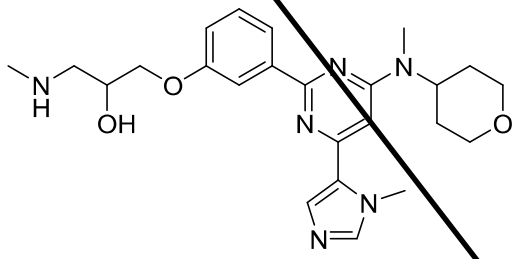
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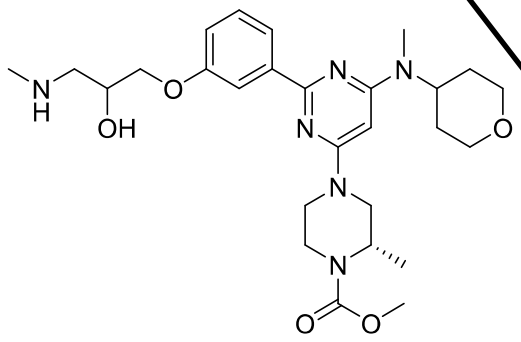
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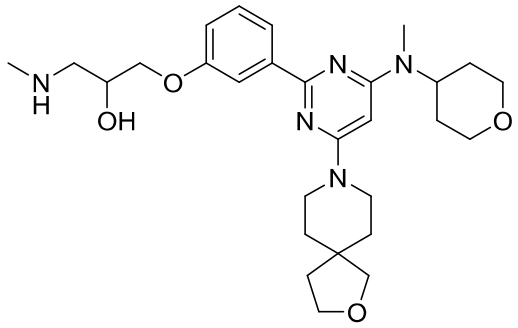
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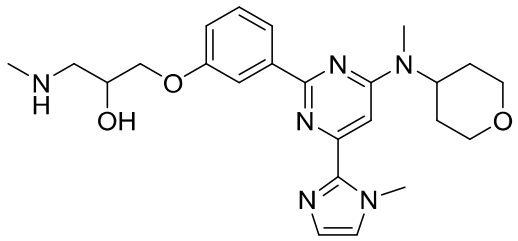
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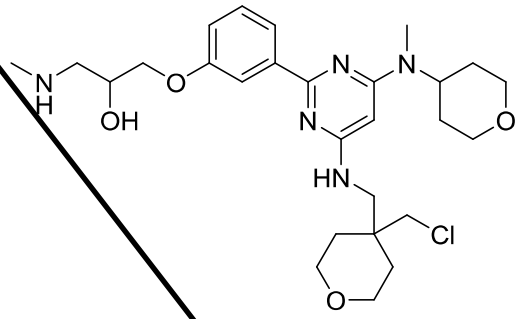
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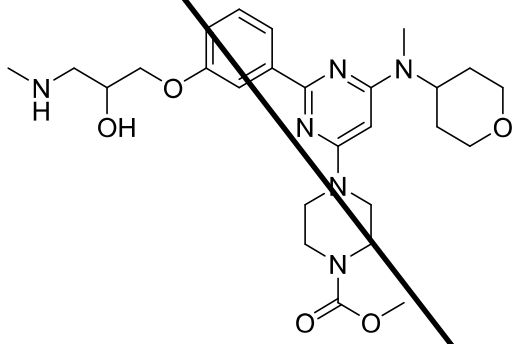
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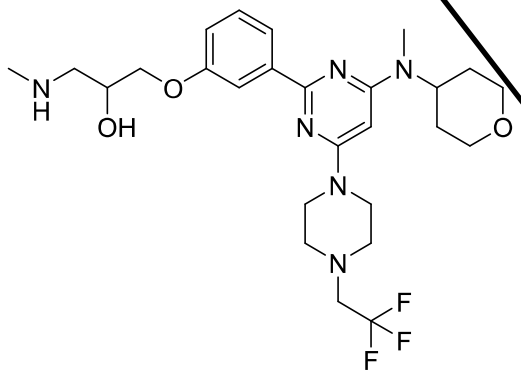
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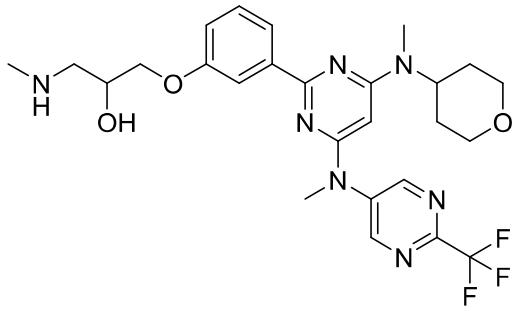


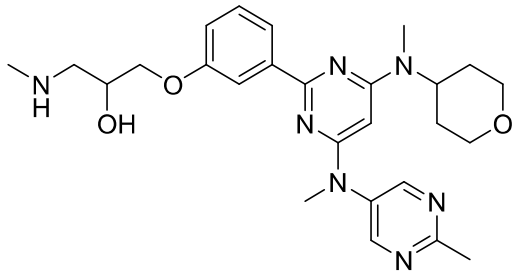
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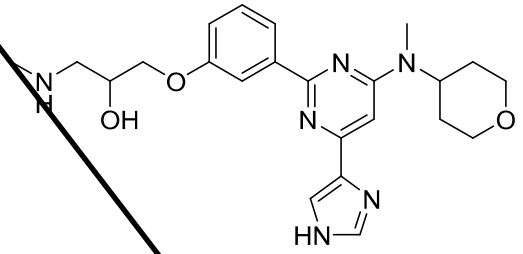


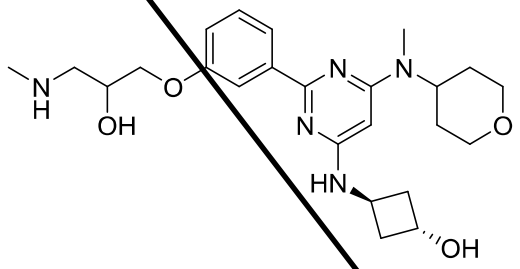
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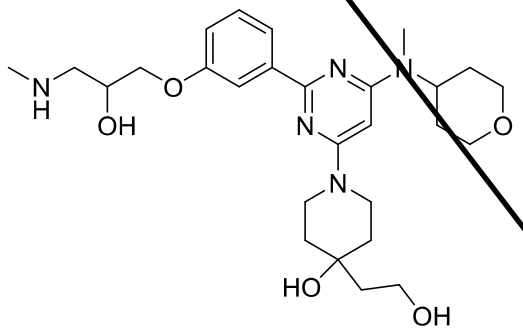


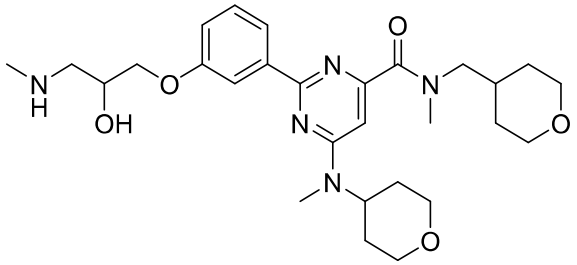
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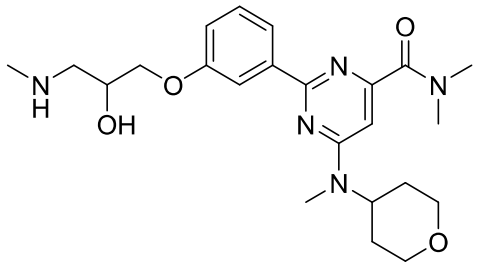
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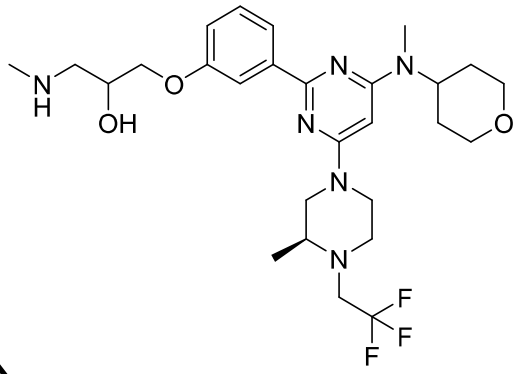
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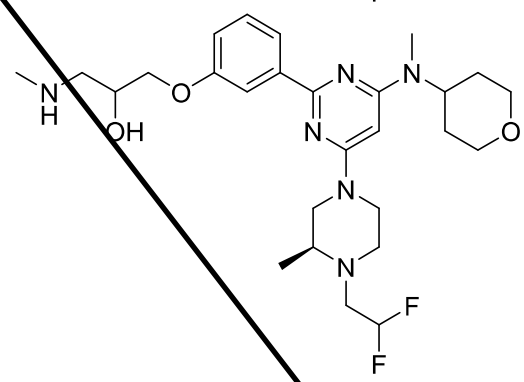
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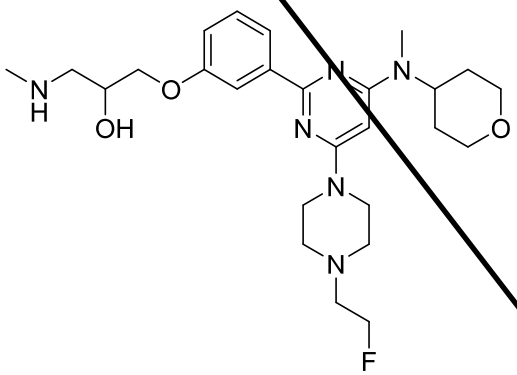
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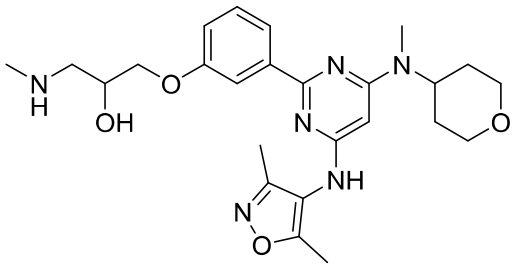
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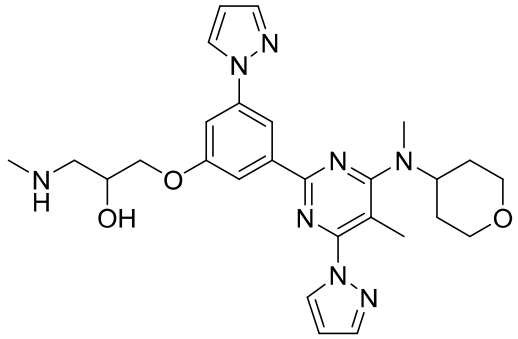
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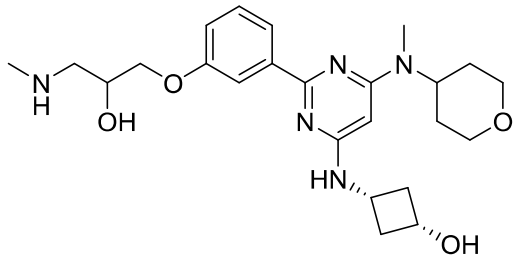
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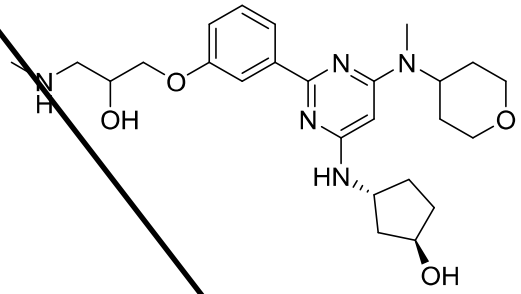
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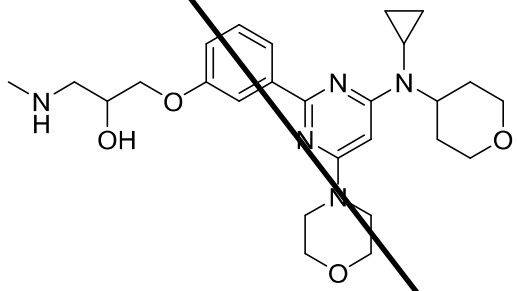
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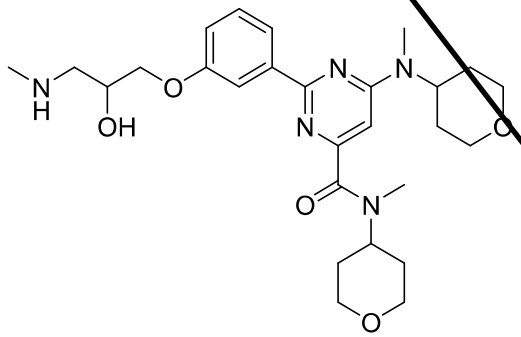
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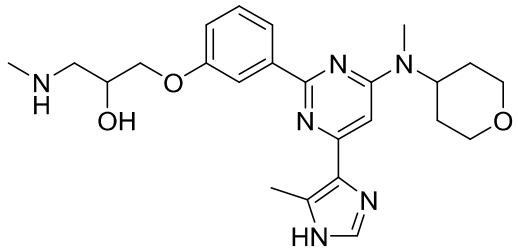


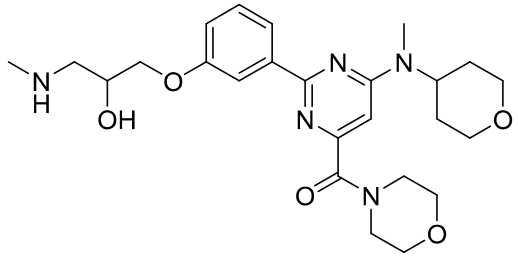
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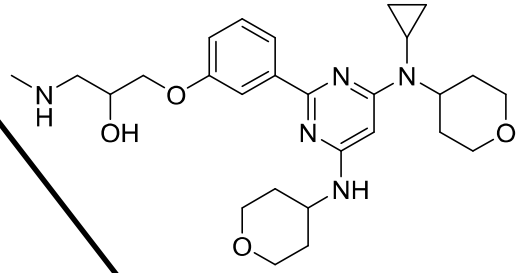


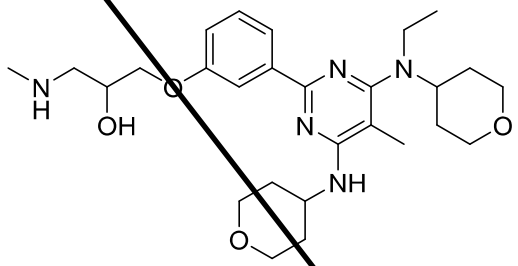
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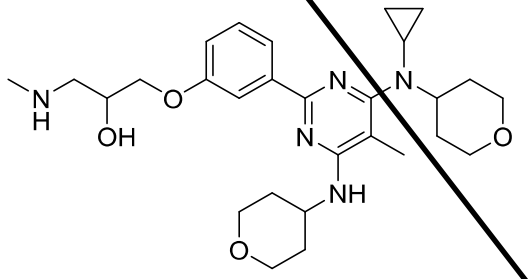


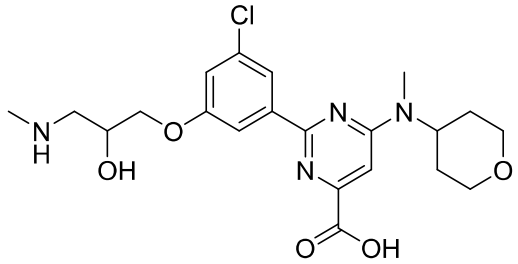
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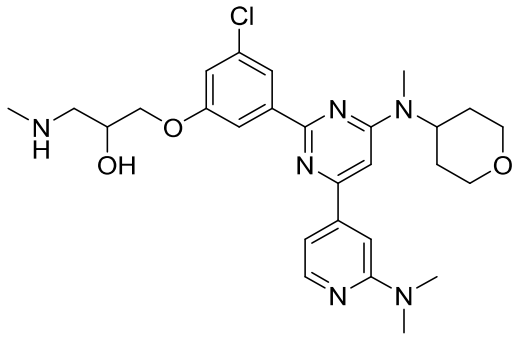
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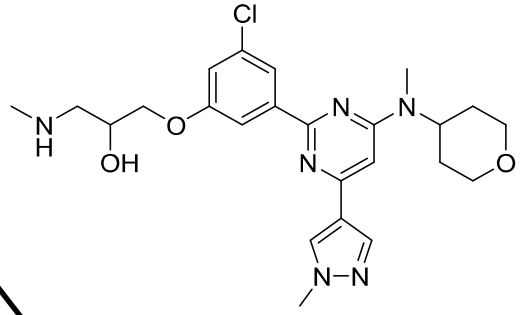
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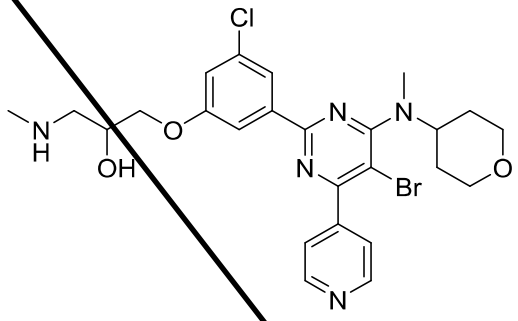
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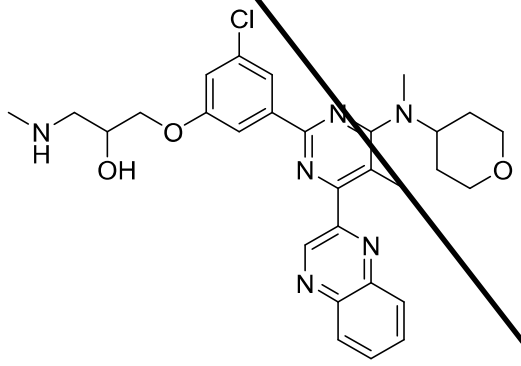
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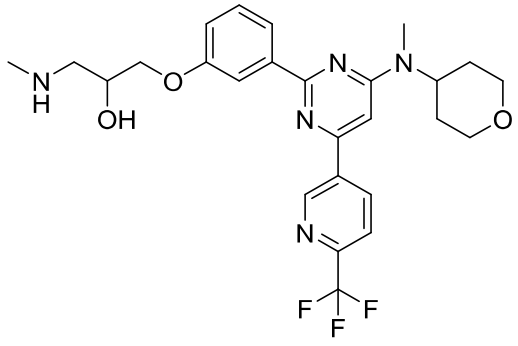
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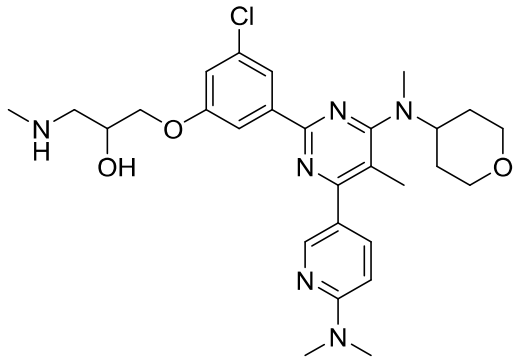
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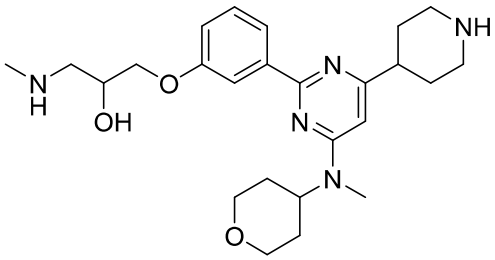
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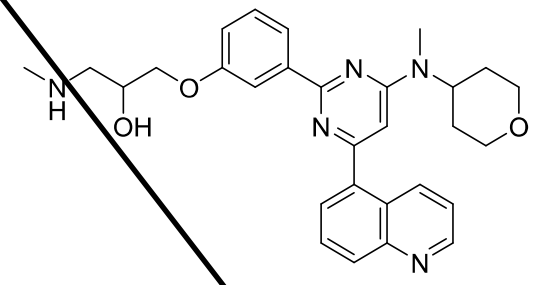
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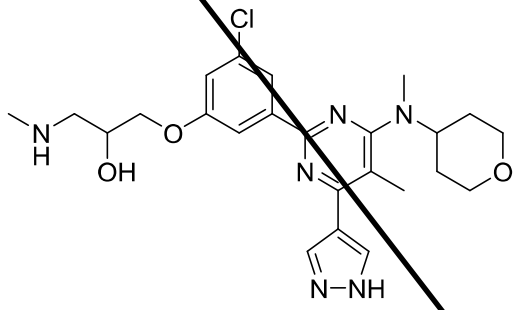
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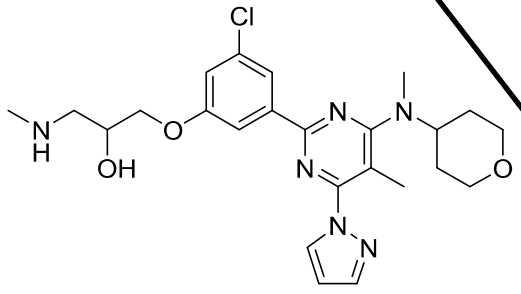
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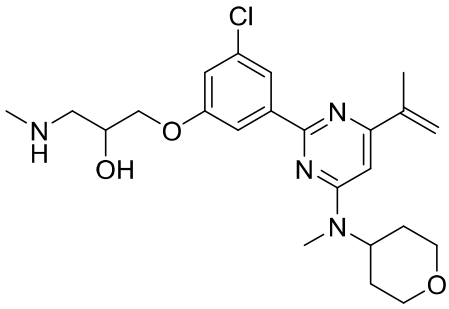


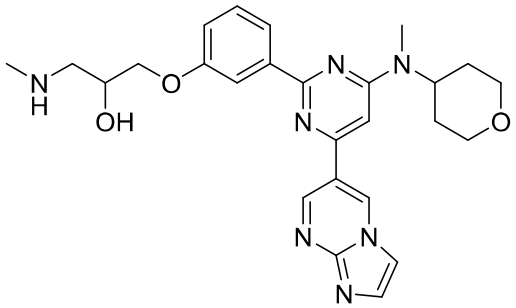
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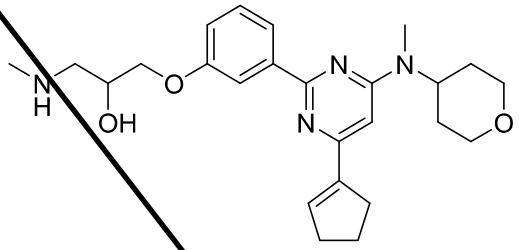


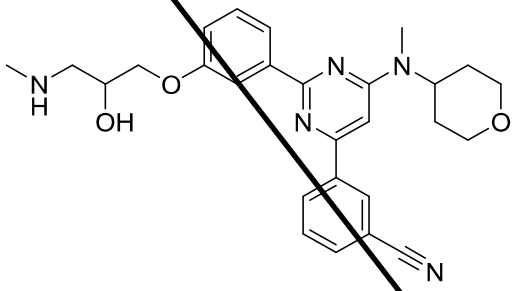
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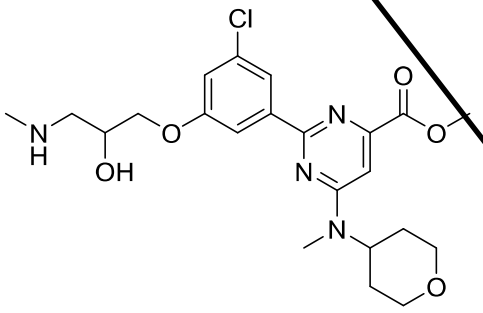


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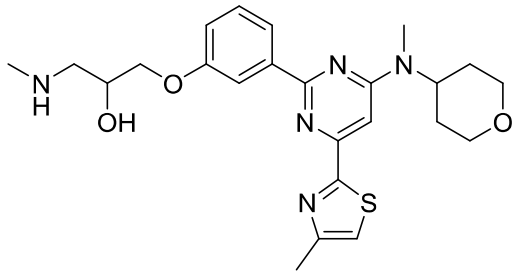
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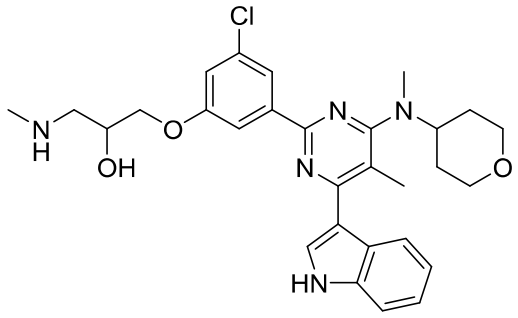
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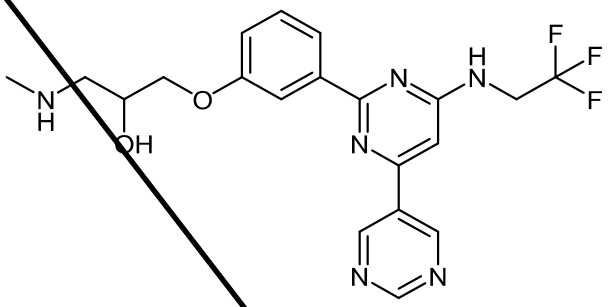
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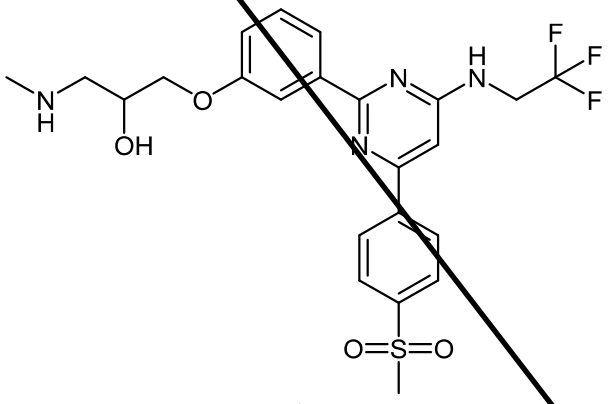
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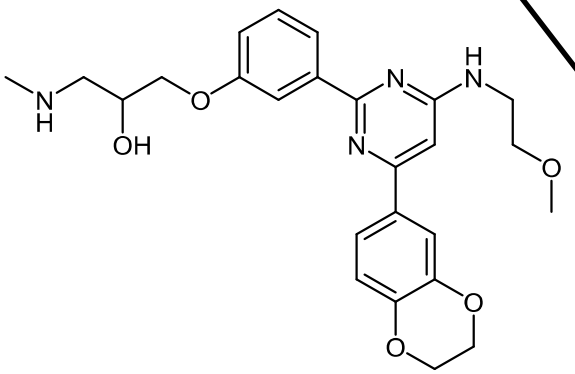
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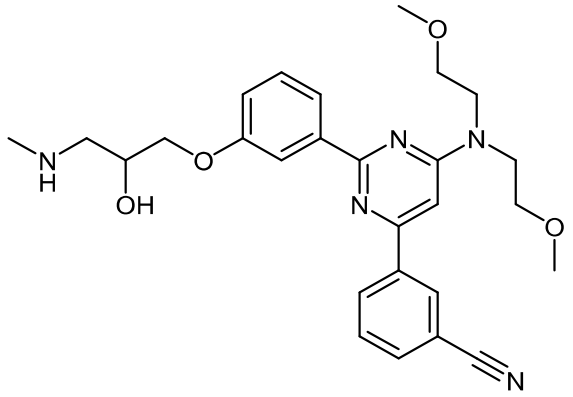
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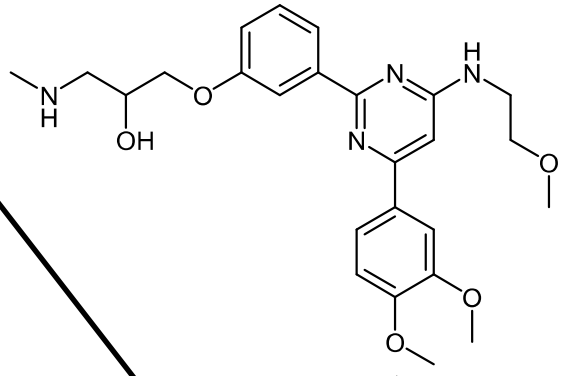
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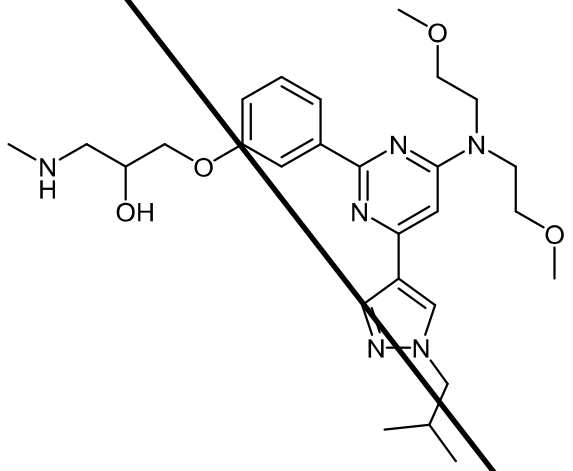
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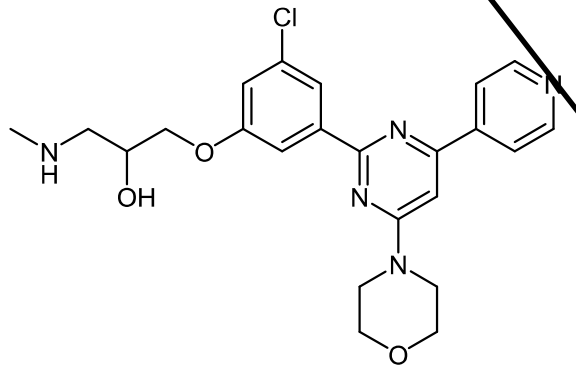
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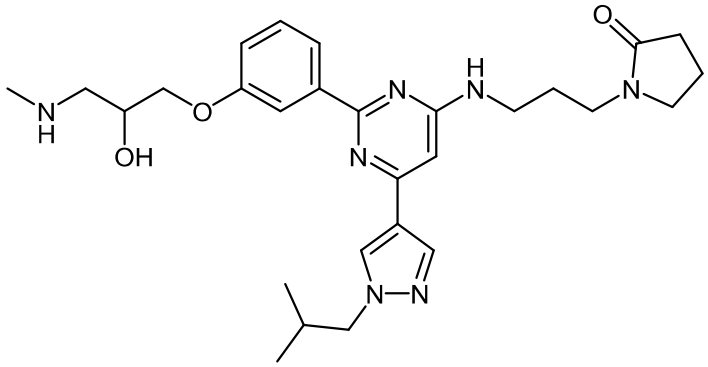
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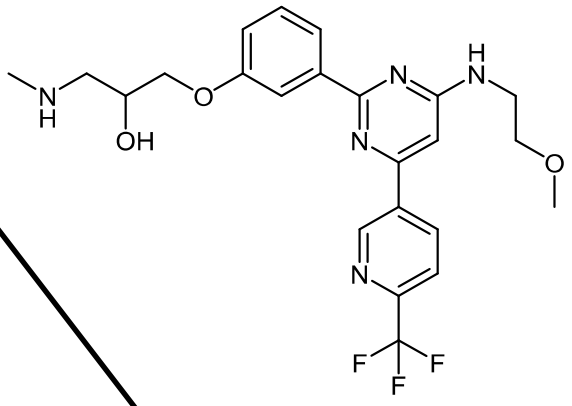
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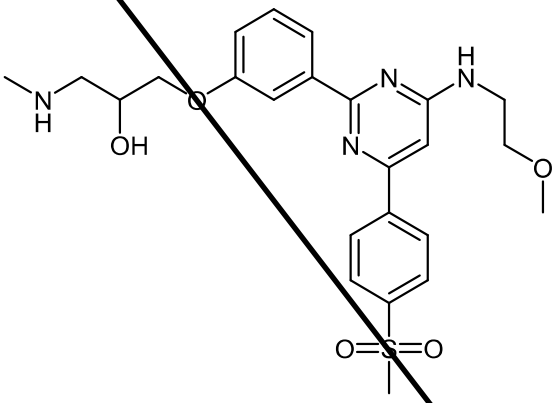
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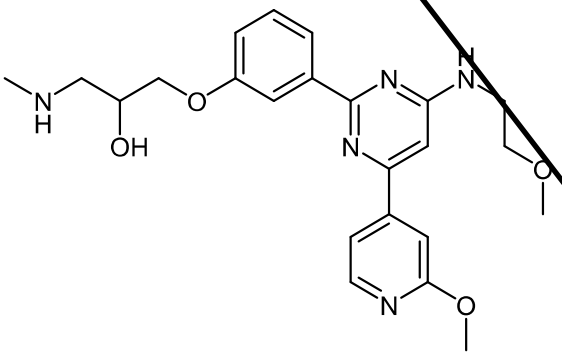
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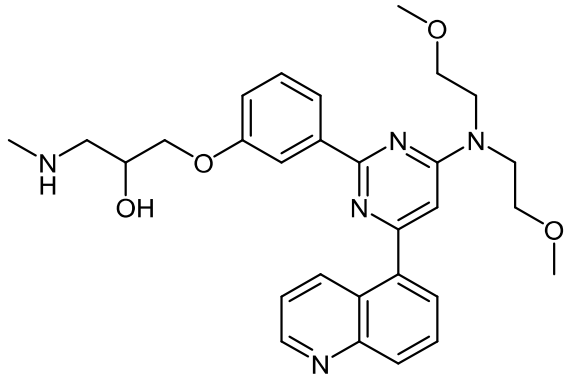
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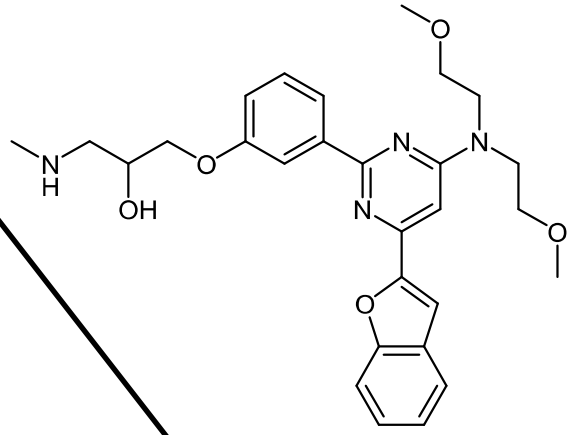
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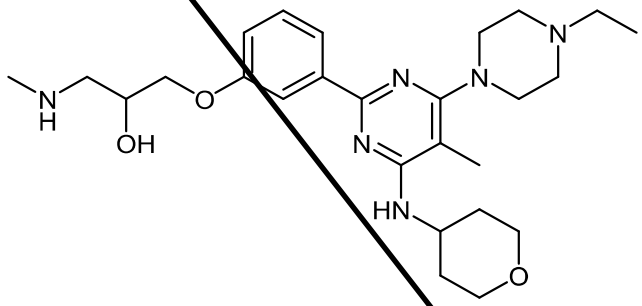
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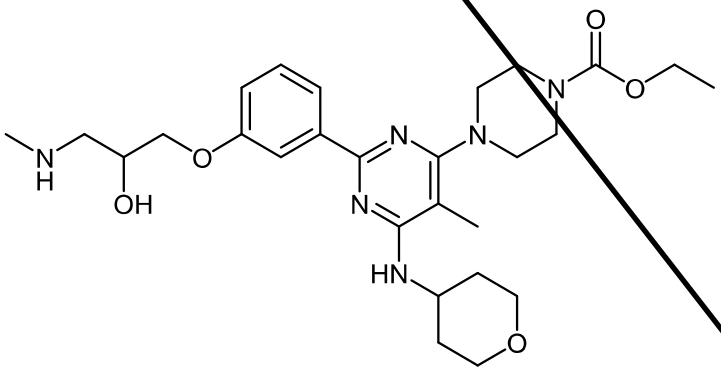
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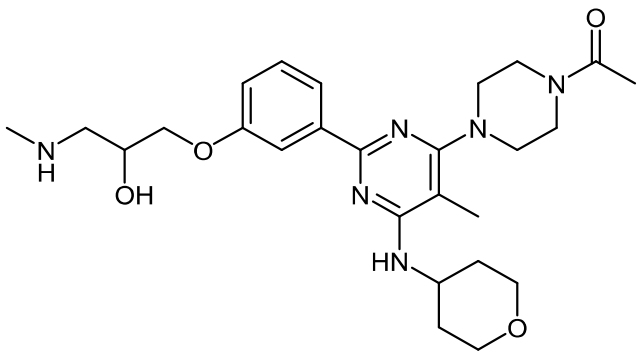
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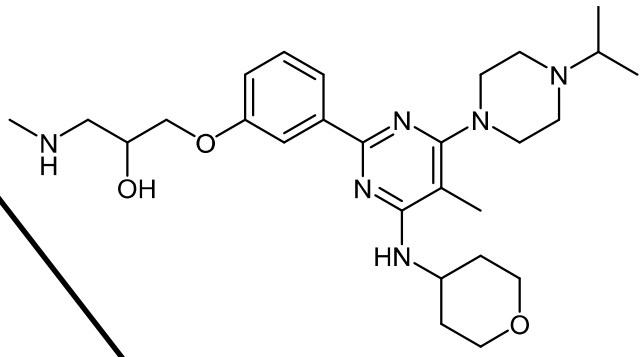
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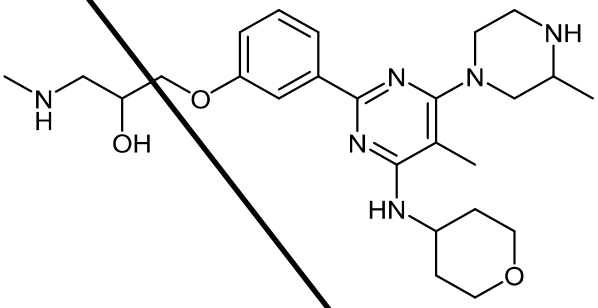
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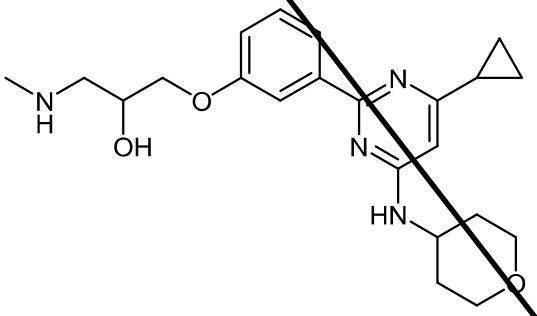
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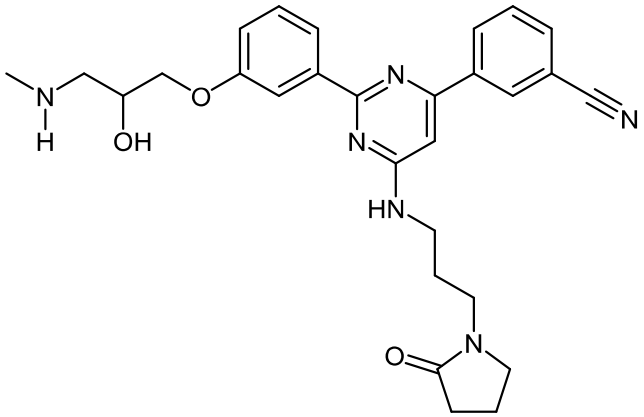
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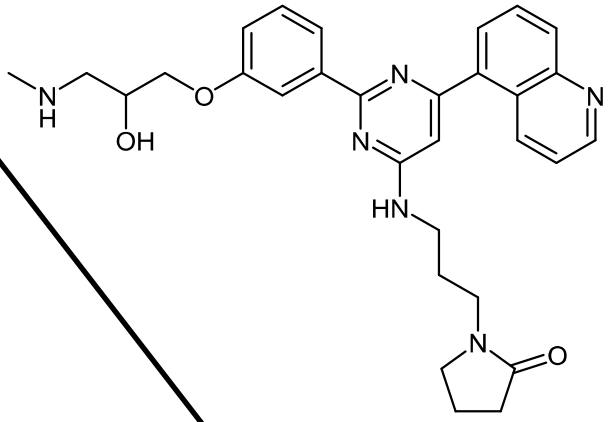
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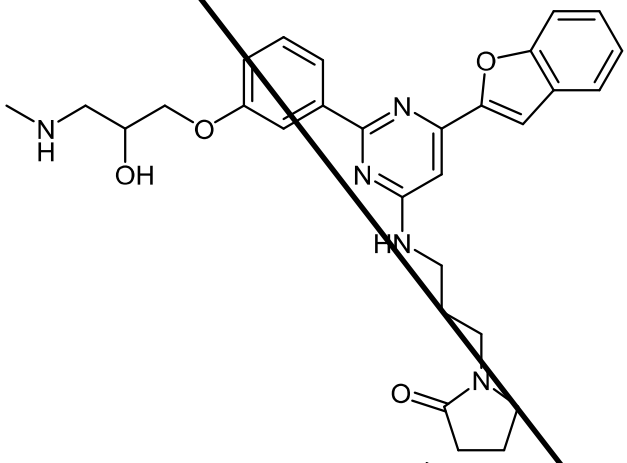
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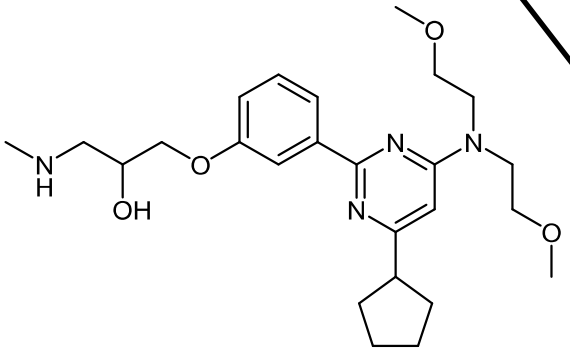
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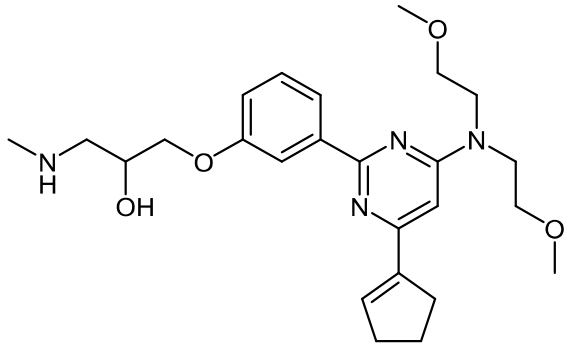
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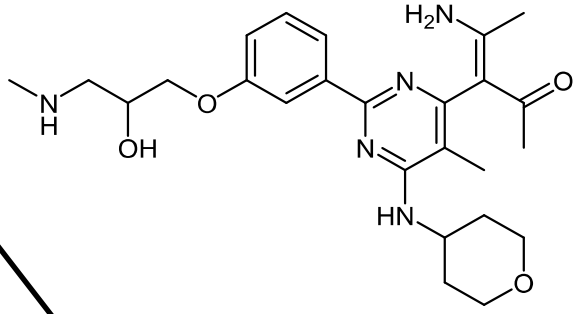
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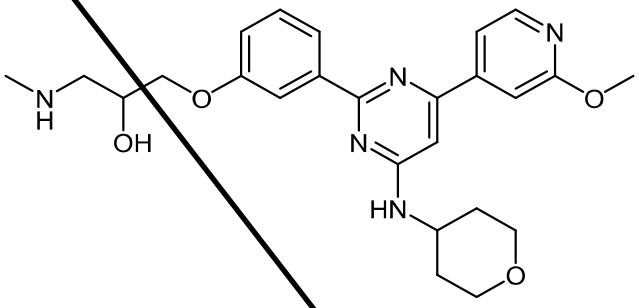
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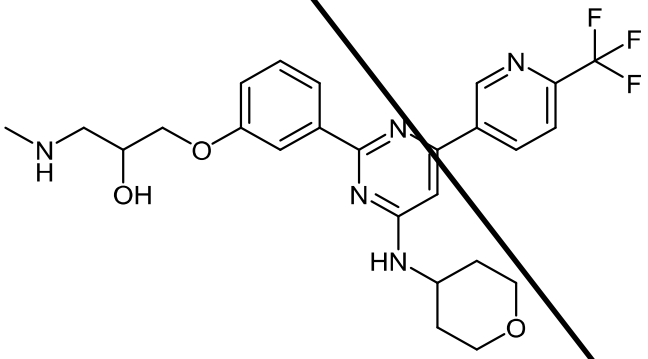
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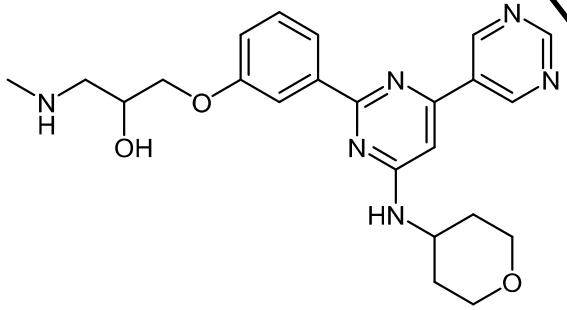
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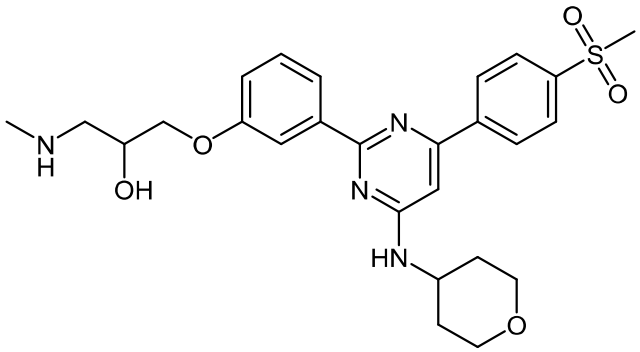
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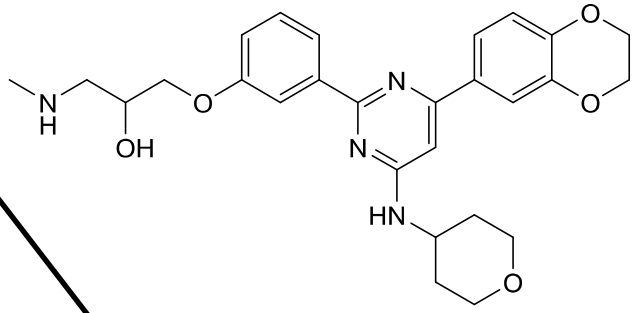
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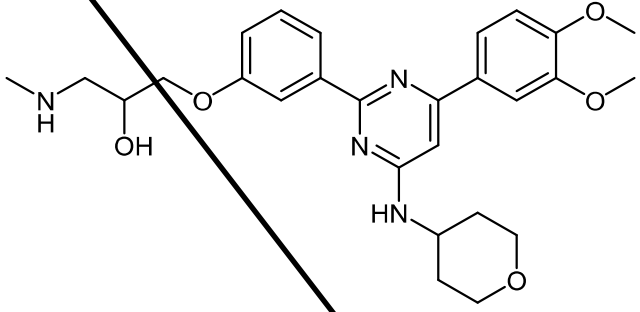
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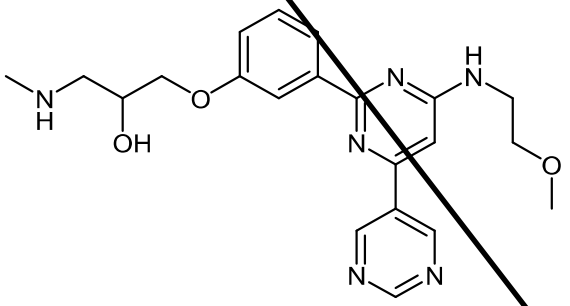
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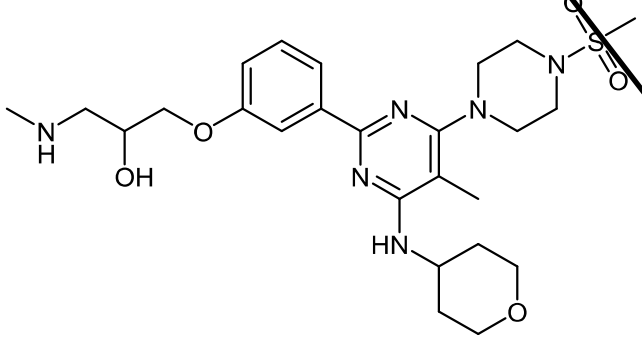
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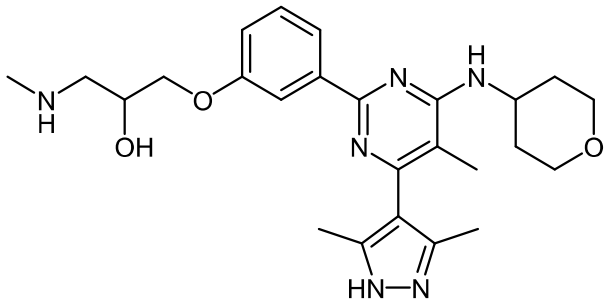
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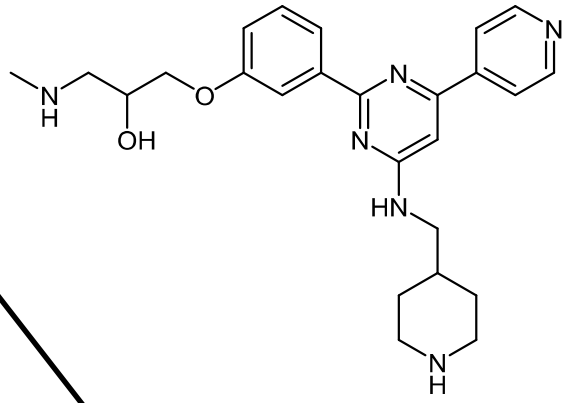
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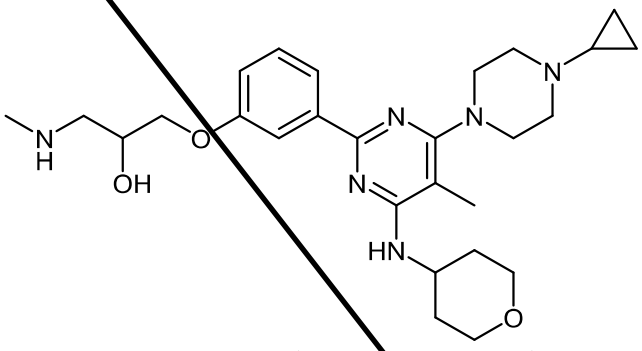
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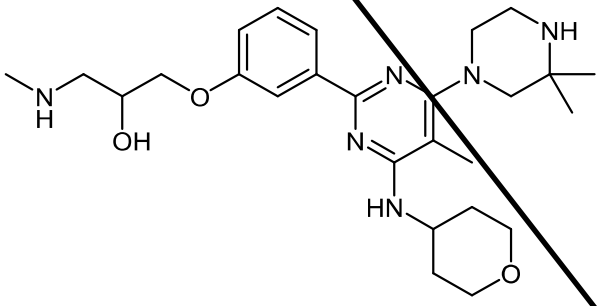
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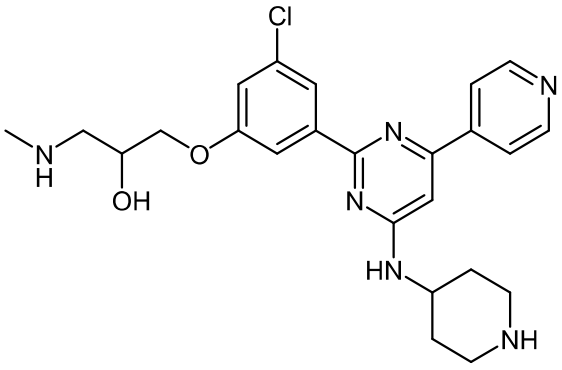
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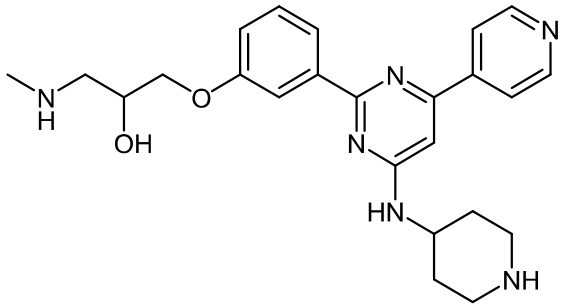
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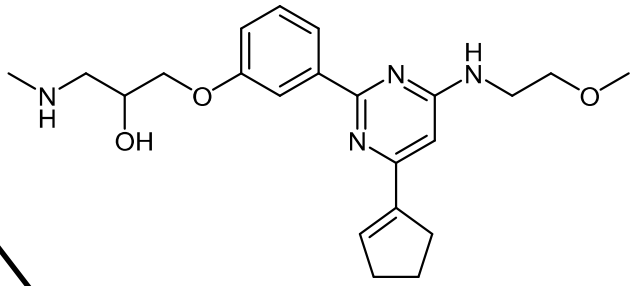
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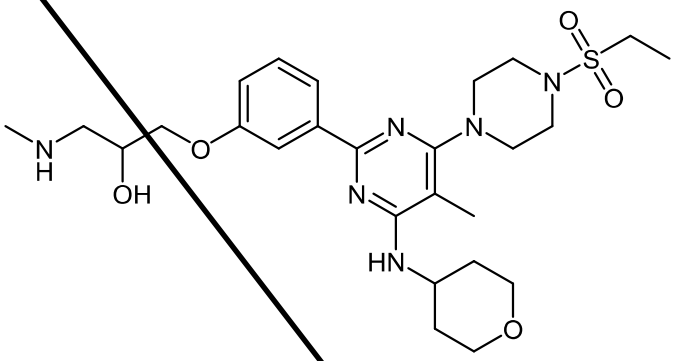
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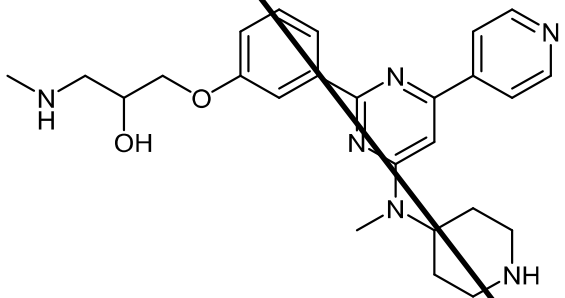
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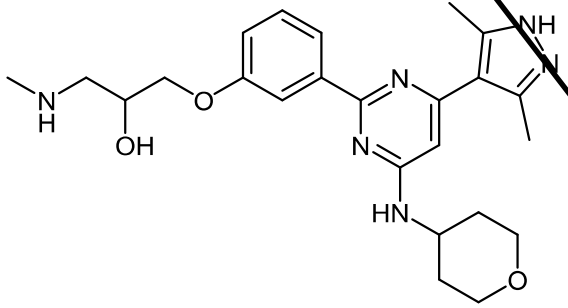
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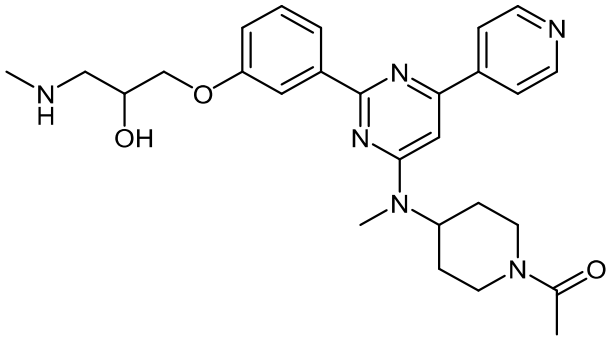
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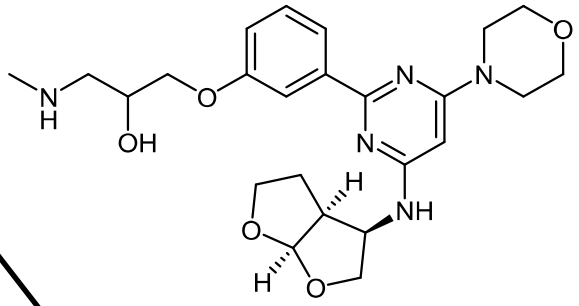
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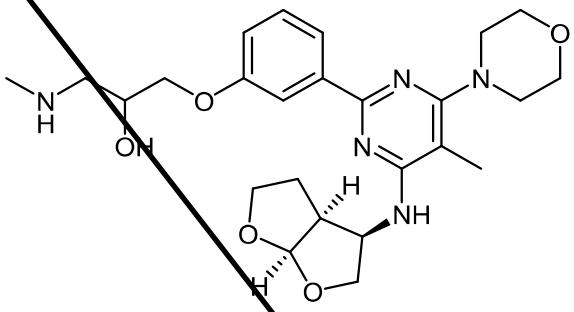
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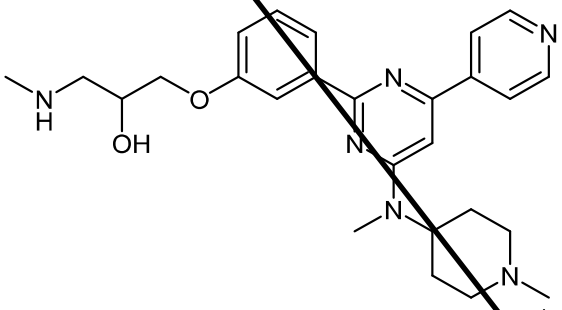
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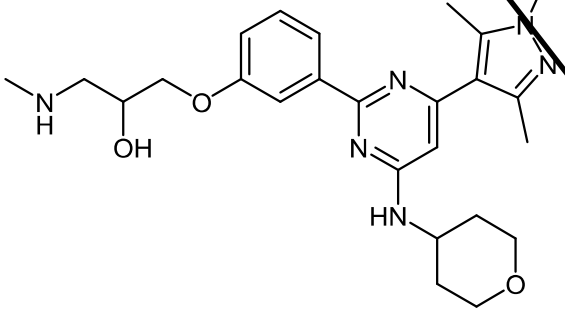
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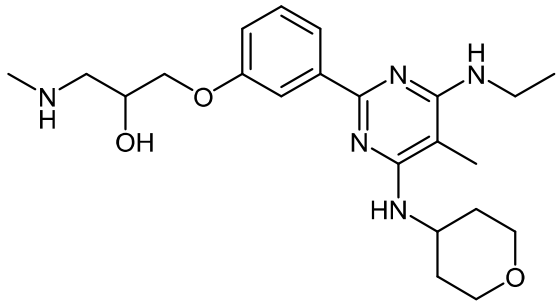
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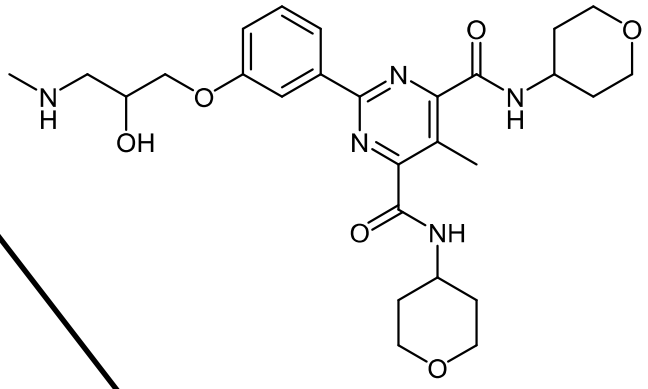
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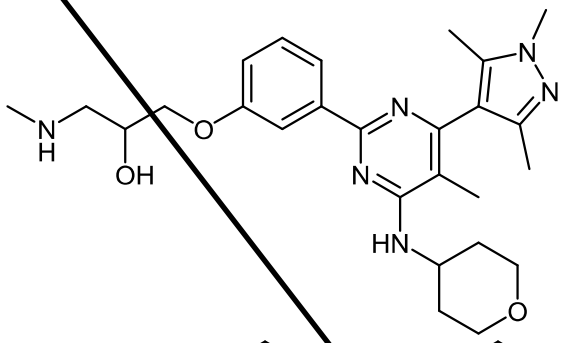
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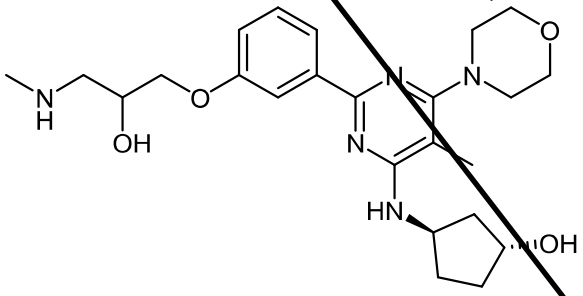
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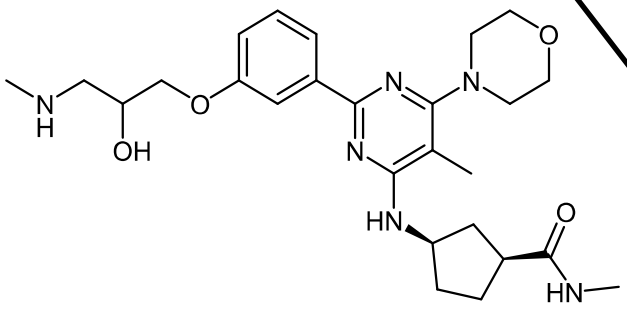
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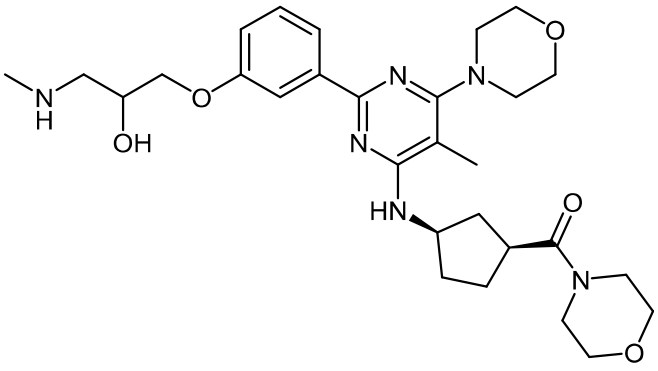
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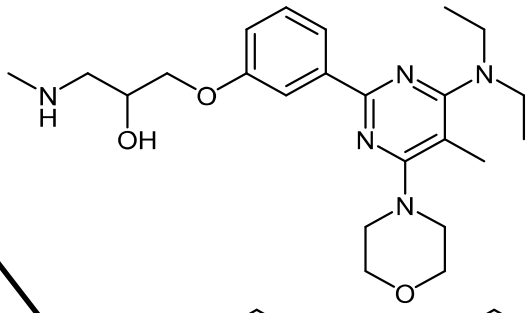
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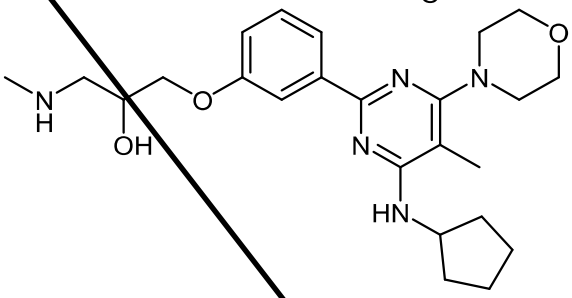
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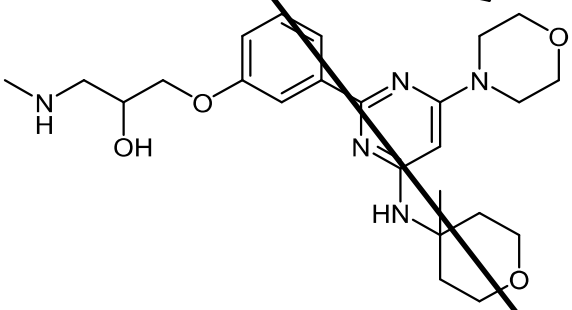
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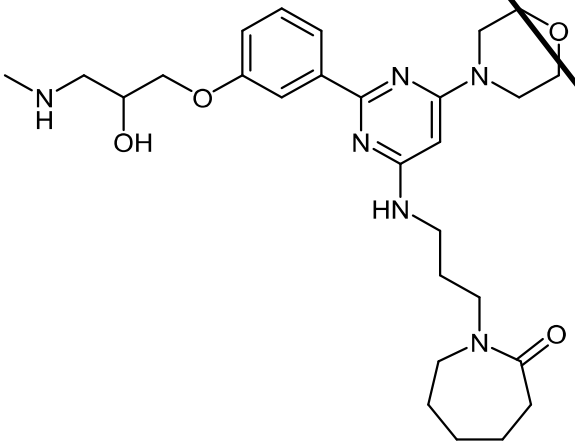
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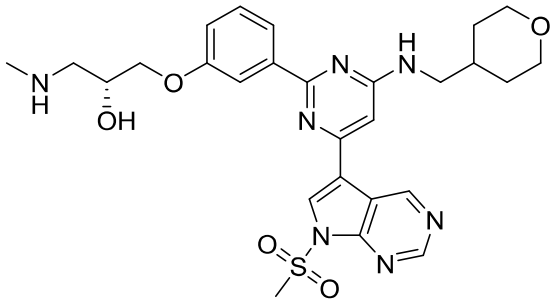


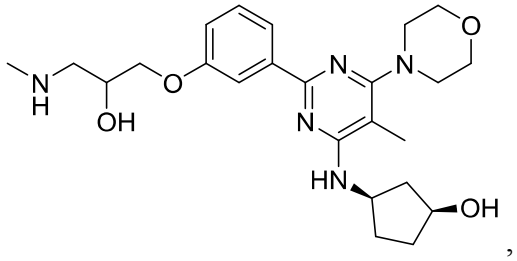
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685-1a

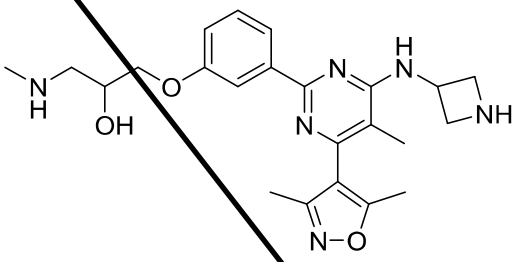


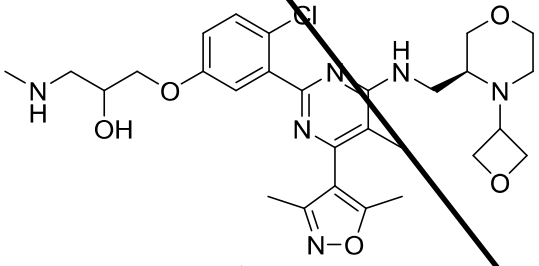
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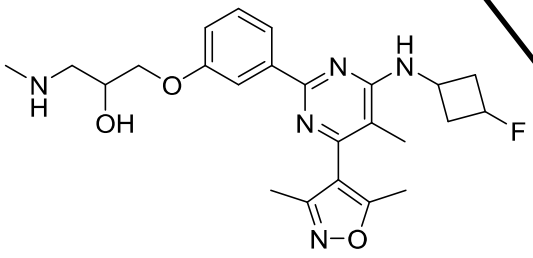
687-1a  ,

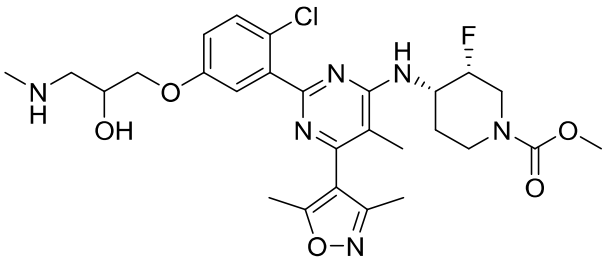
and pharmaceutically acceptable salts thereof.

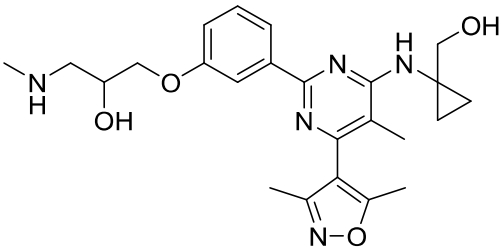
49. The compound of claim 1, wherein the compound is selected from the group consisting of:

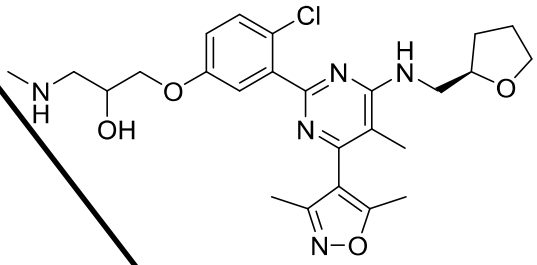
1-3 

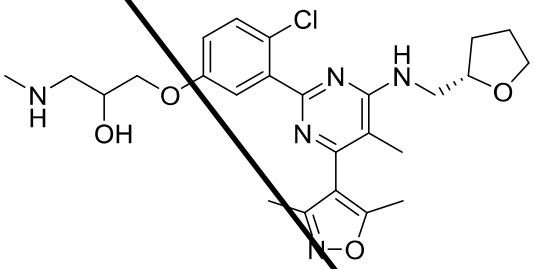
2-3 

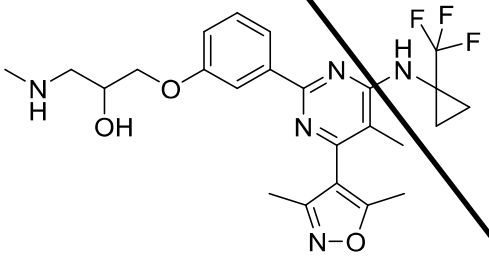
3-3 

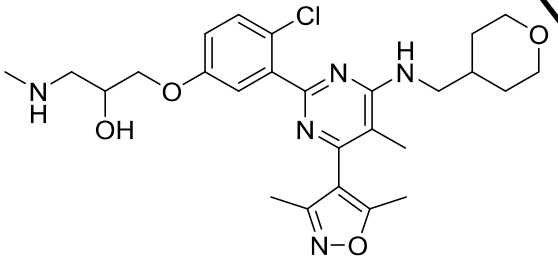
4-3 

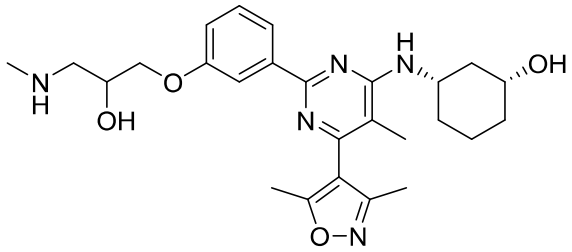
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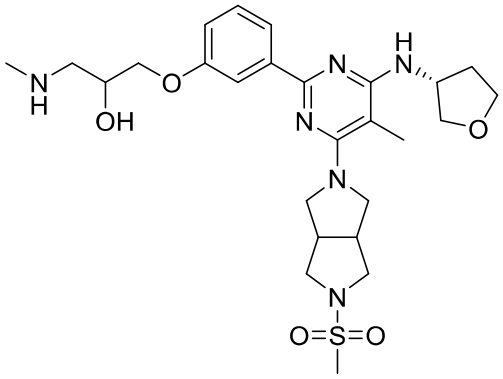
6-3 

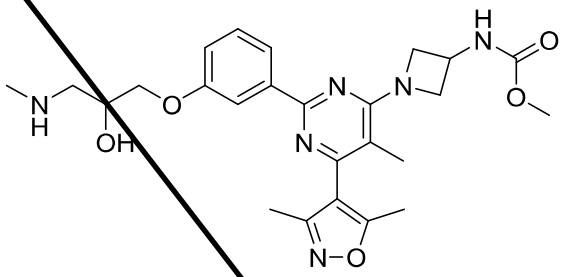
7-3 

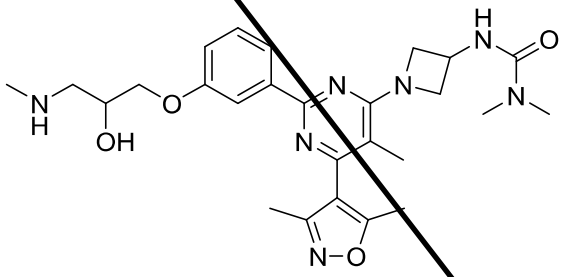
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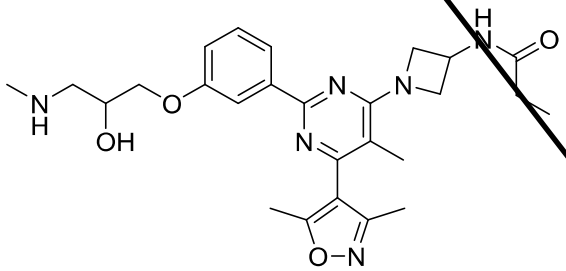
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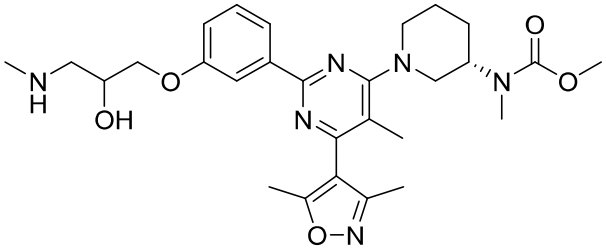
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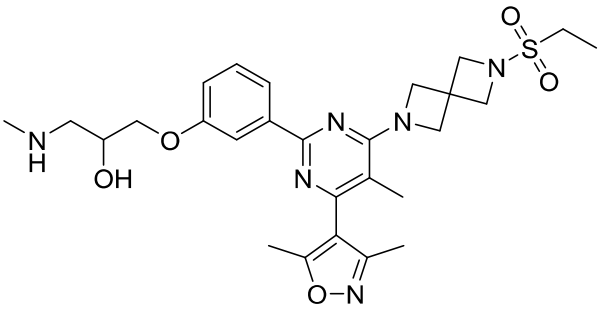
11-3 

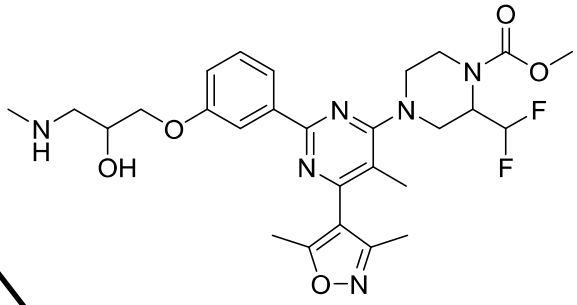
12-3 

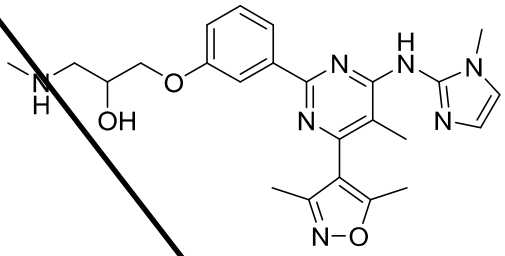
13-3 

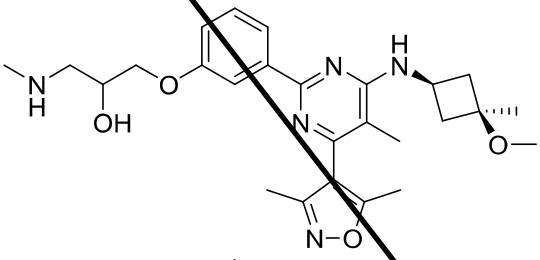
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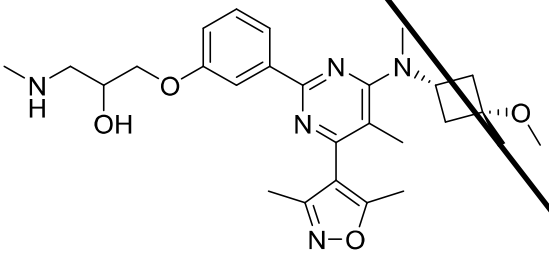
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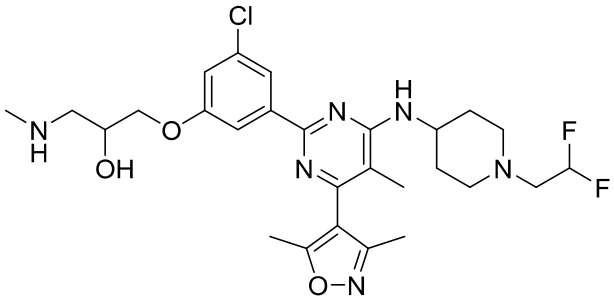
16-3 

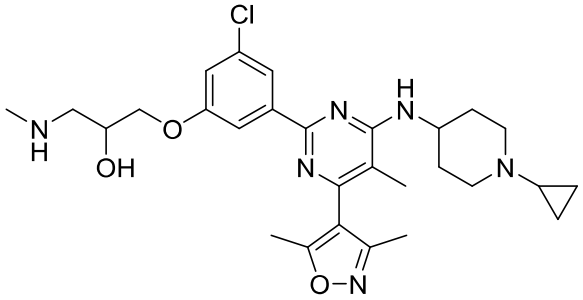
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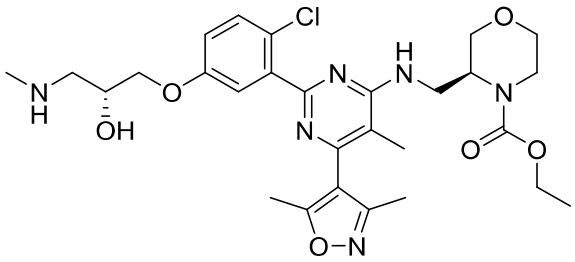
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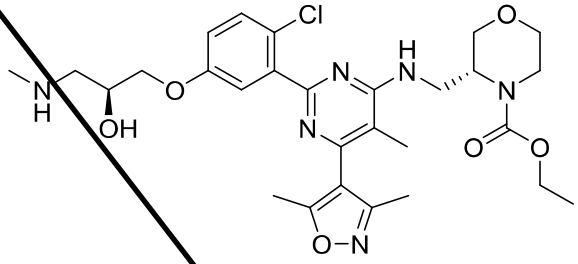
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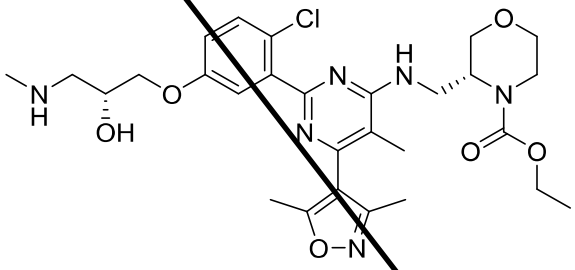
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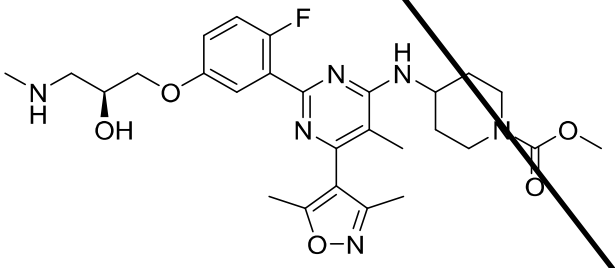
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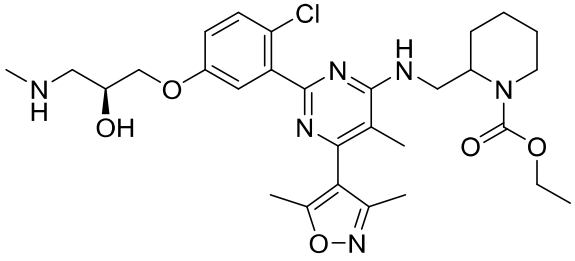
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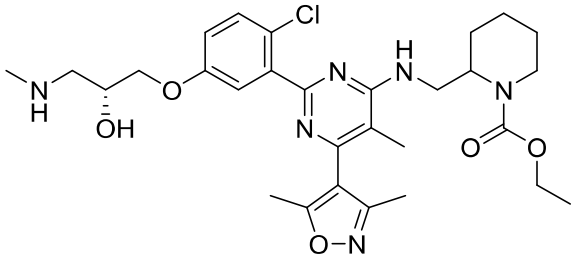
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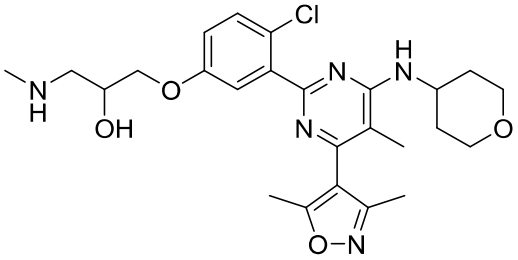
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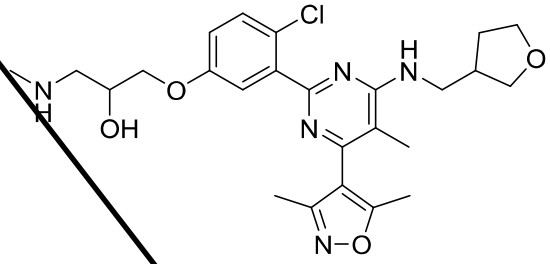
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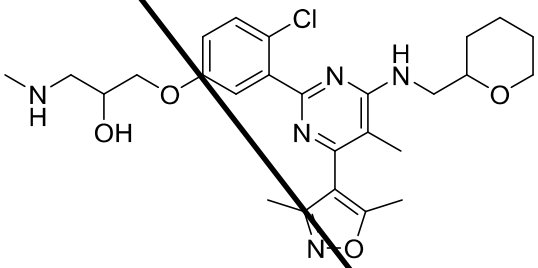
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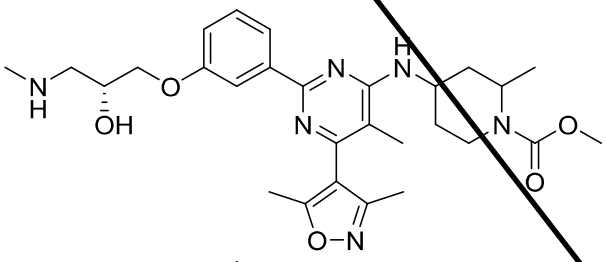
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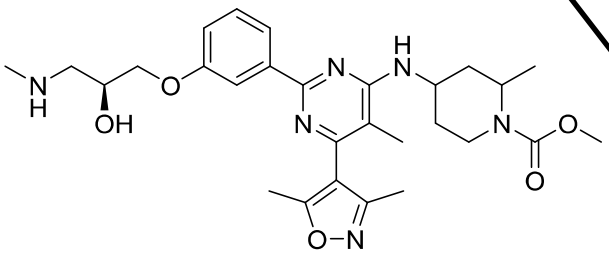
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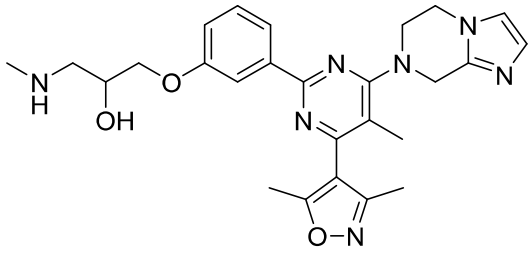
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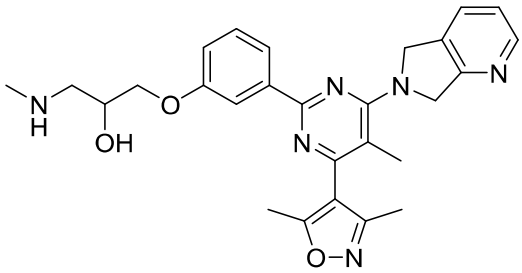
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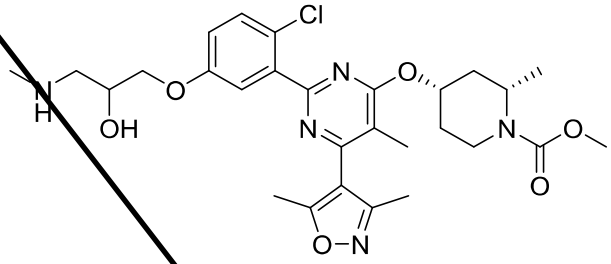
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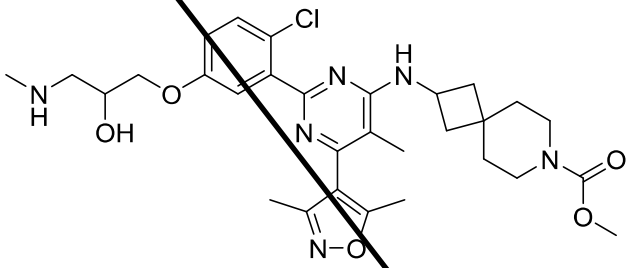
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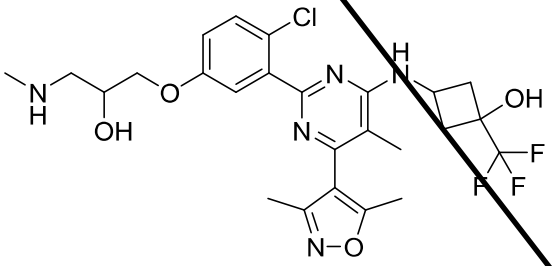
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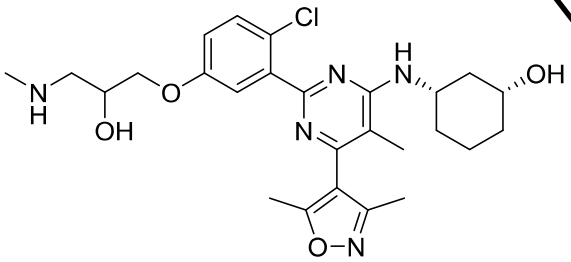
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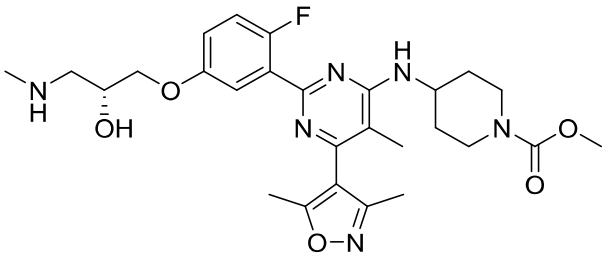
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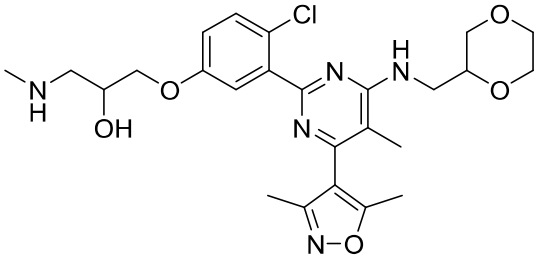
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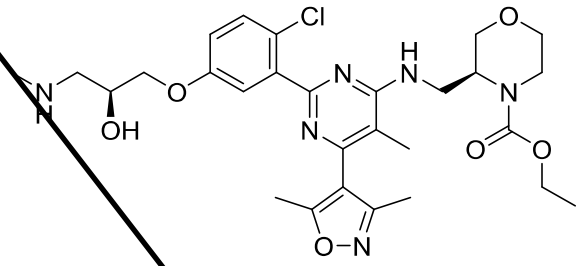
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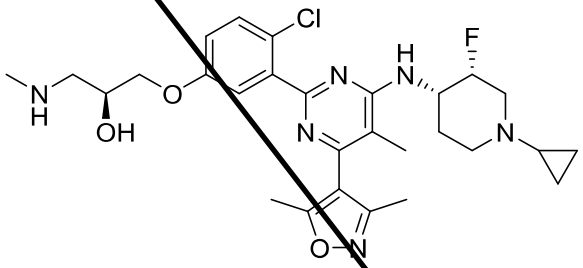
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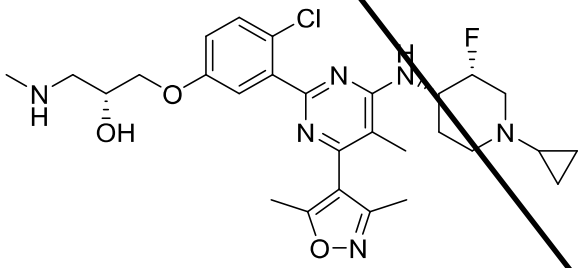
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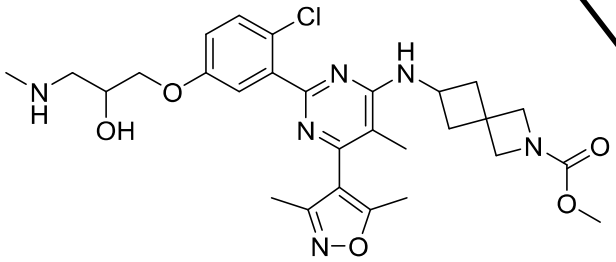
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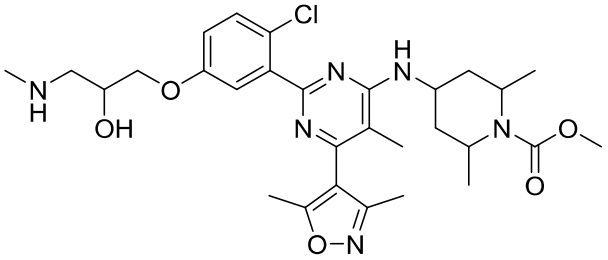
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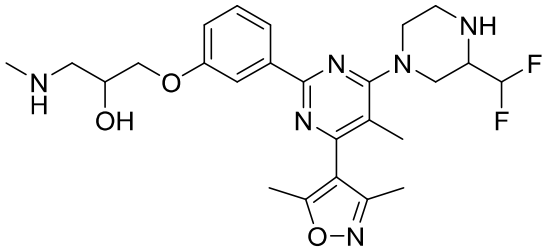
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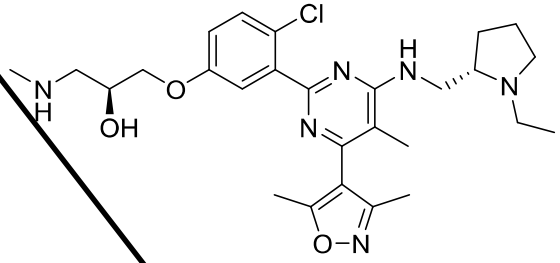
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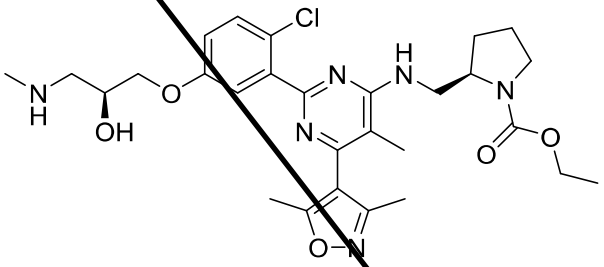
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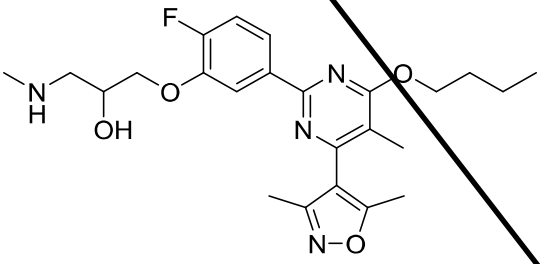
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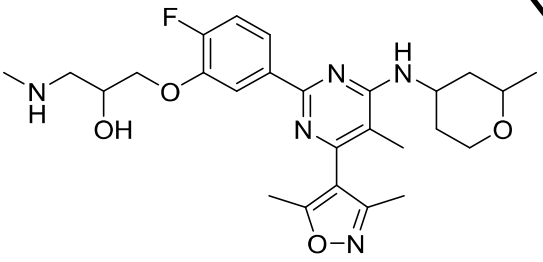
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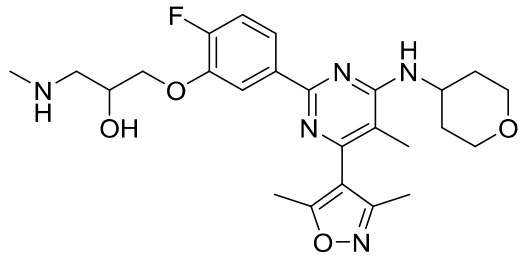
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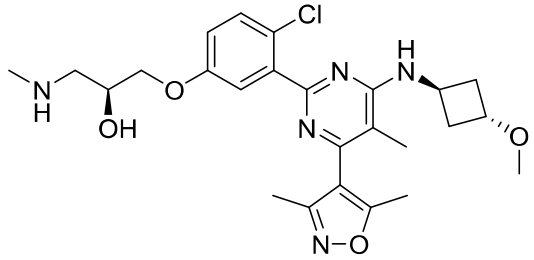
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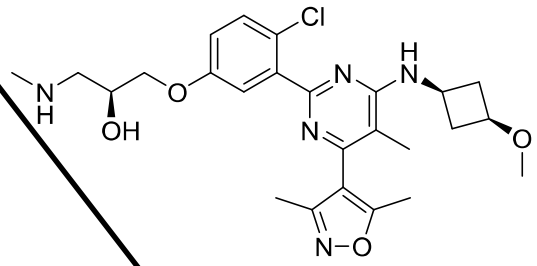
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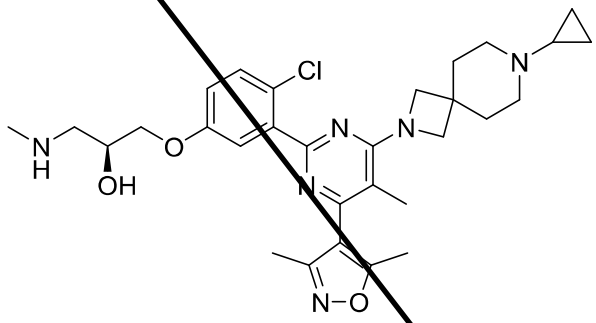
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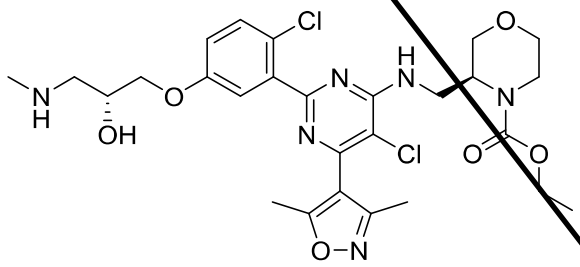
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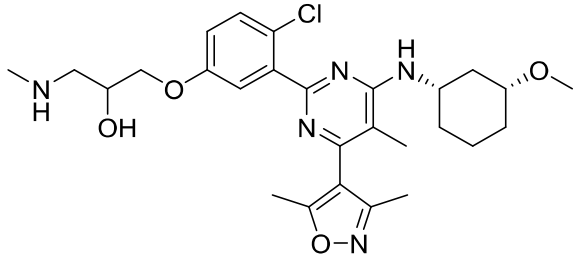
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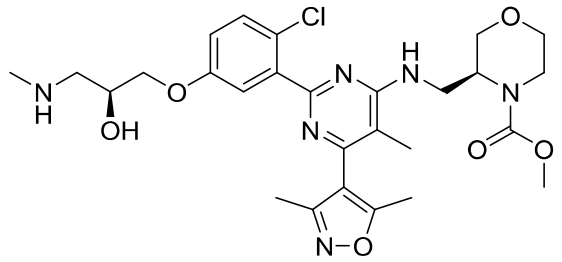
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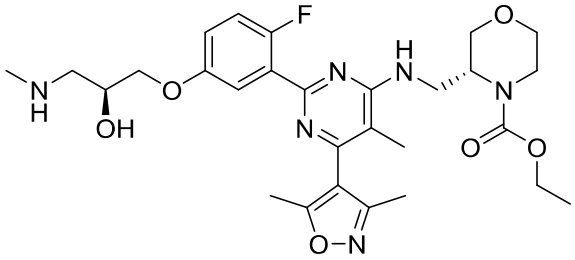
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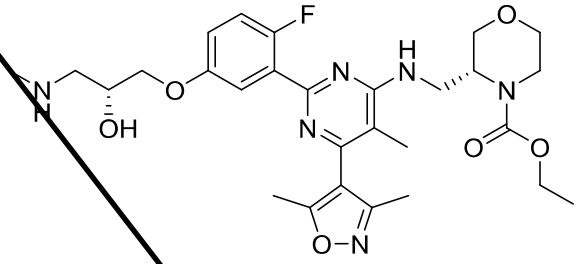
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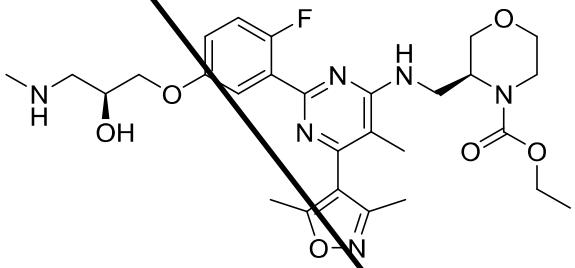
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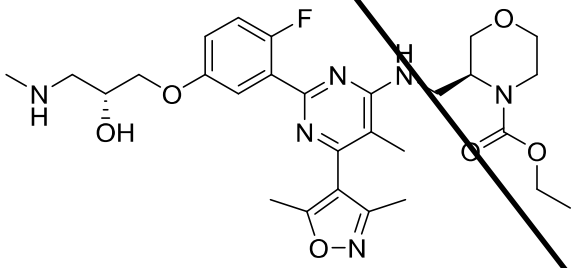
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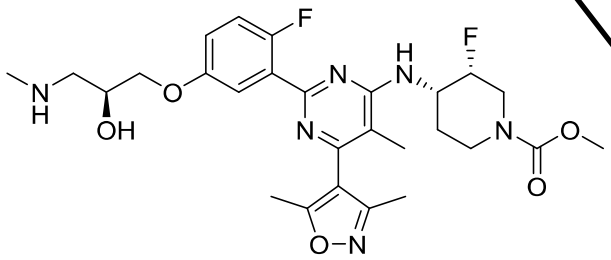
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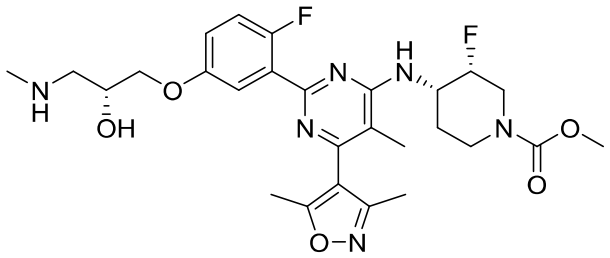
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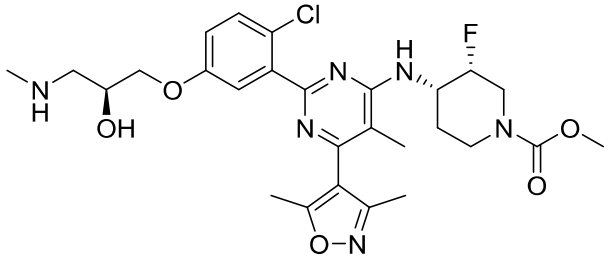
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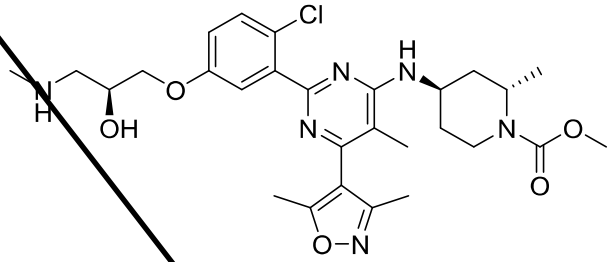
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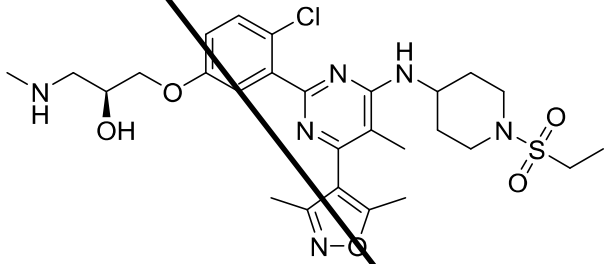
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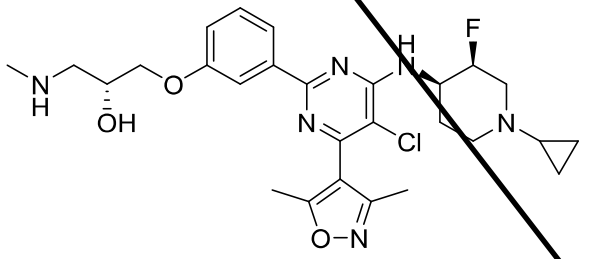
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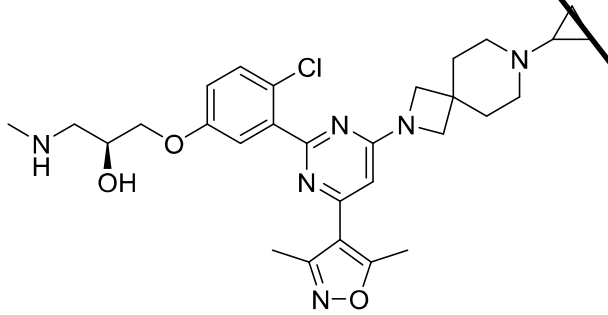
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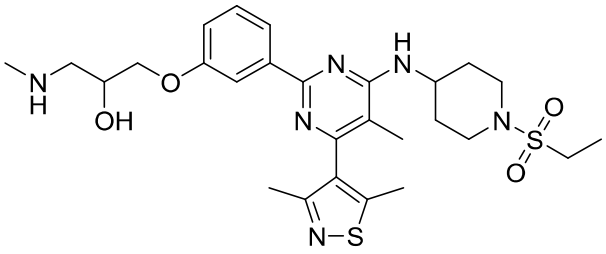
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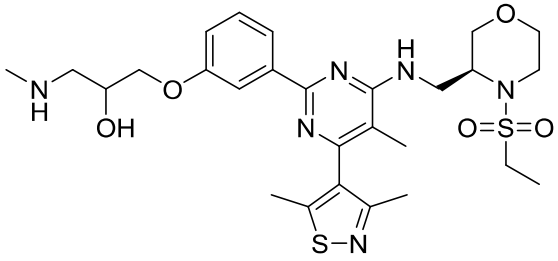
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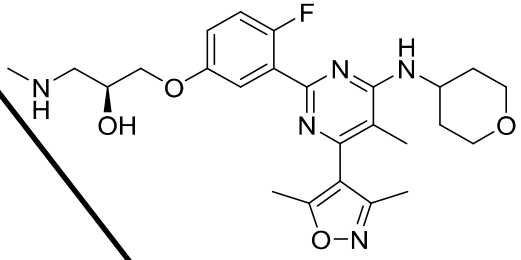
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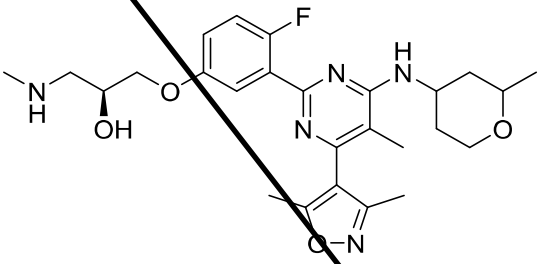
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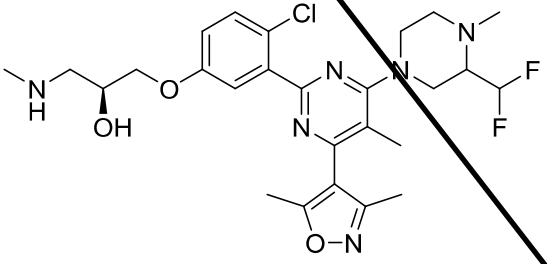
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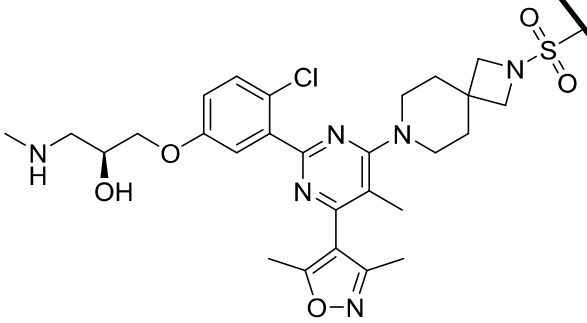
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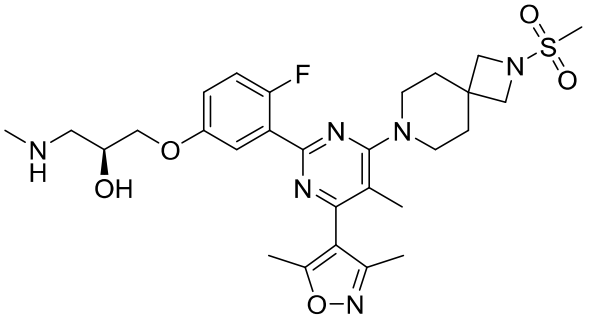
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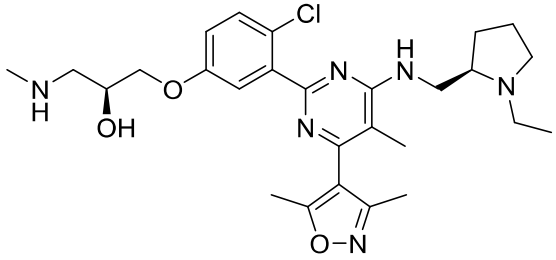
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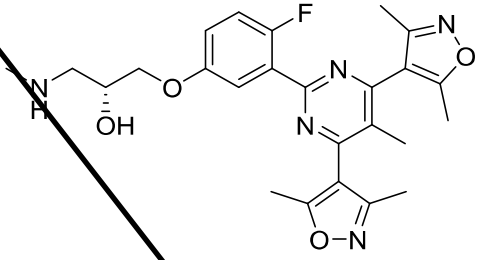
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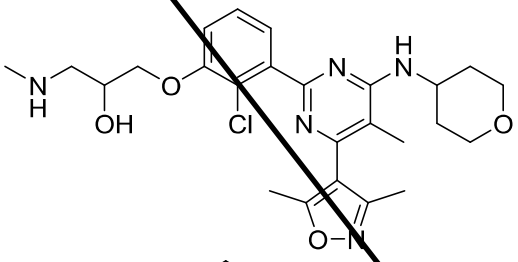
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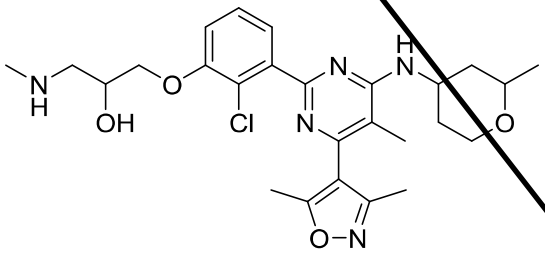
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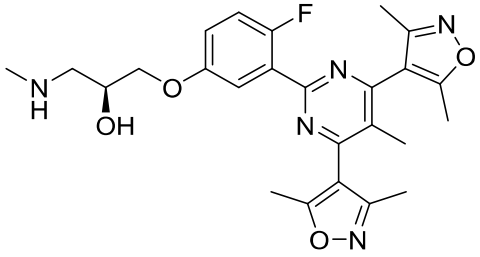
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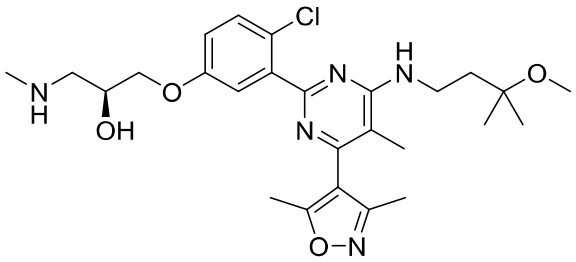
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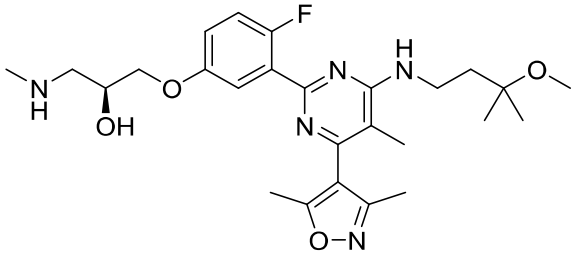
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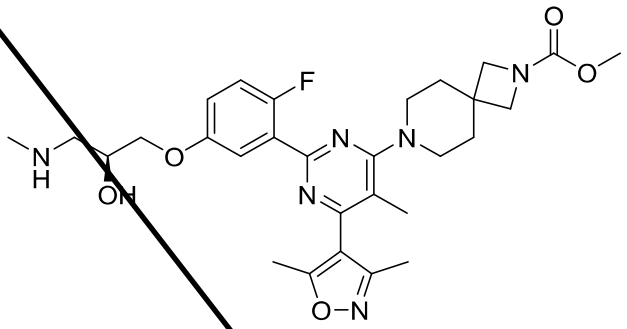
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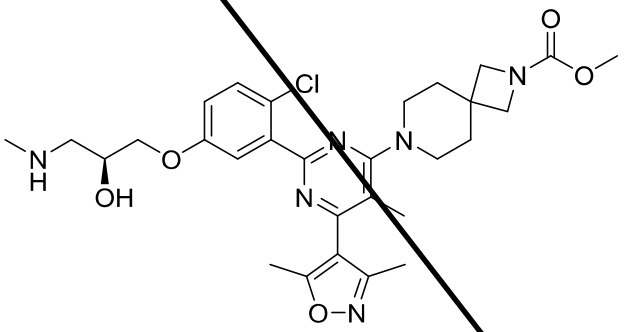
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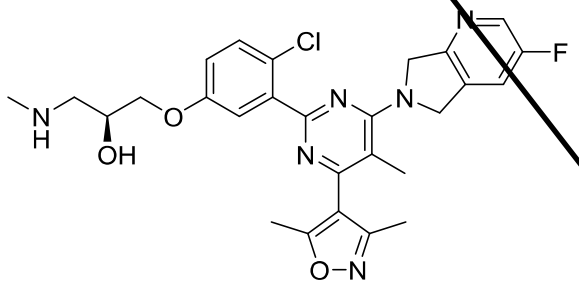
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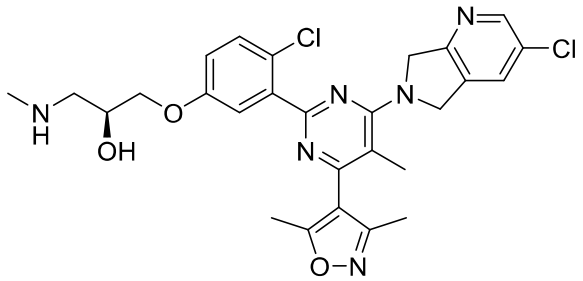
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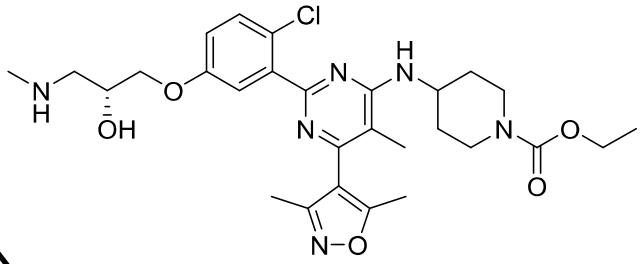
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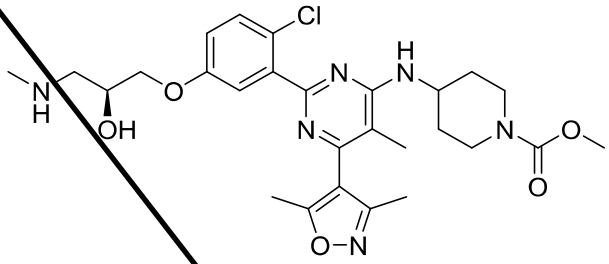
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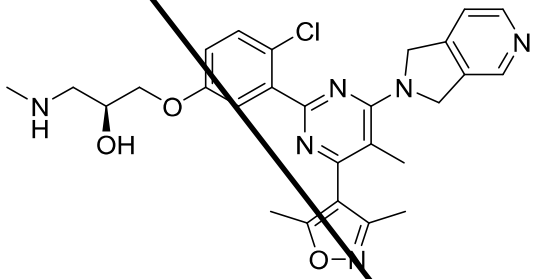
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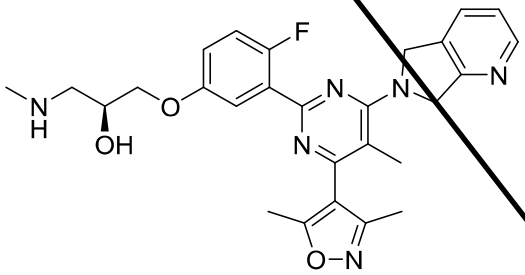
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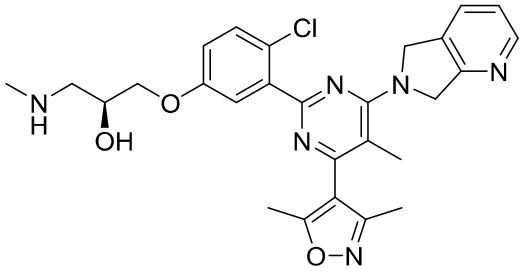
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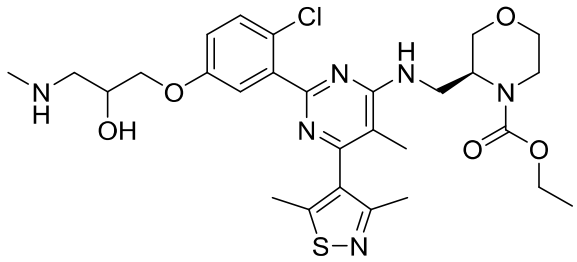
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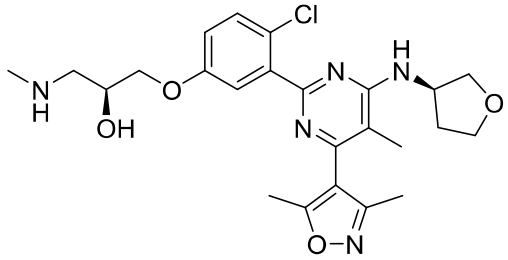
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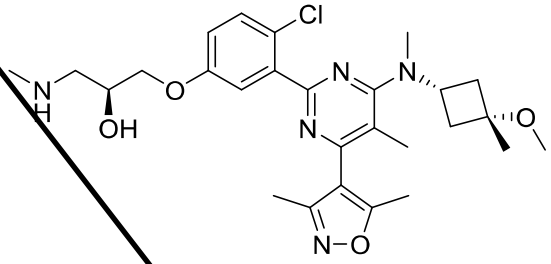
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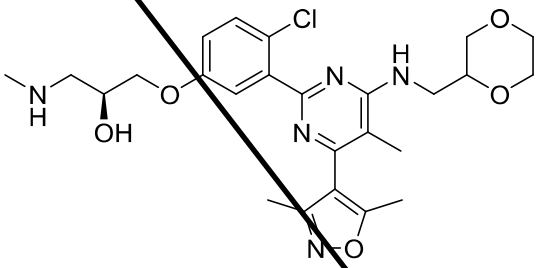
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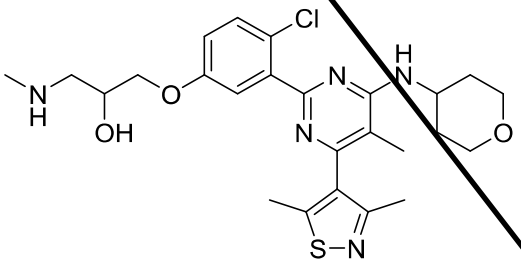
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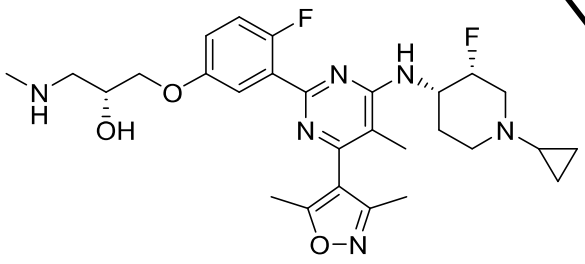
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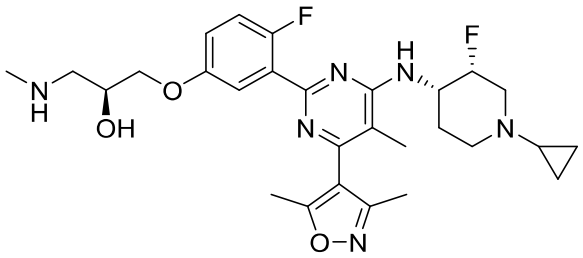
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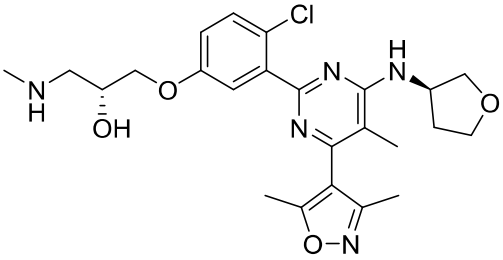
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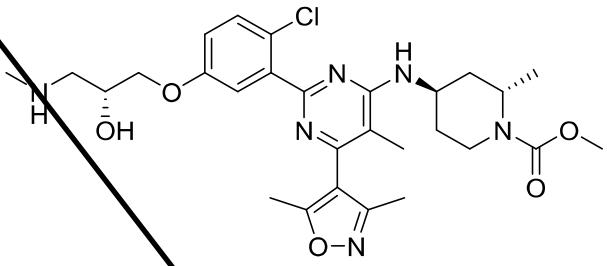
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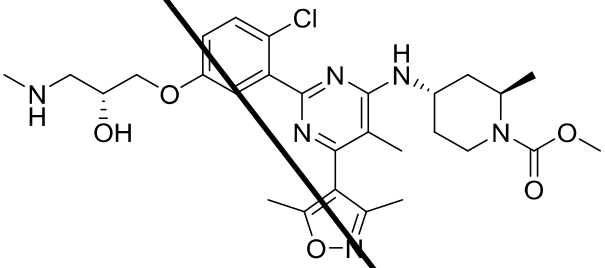
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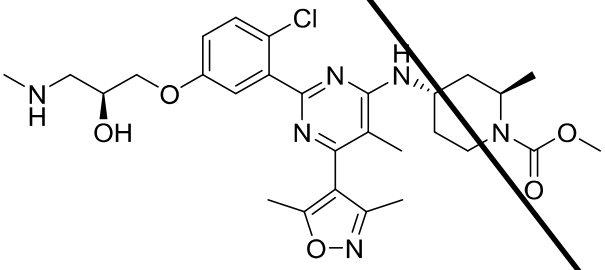
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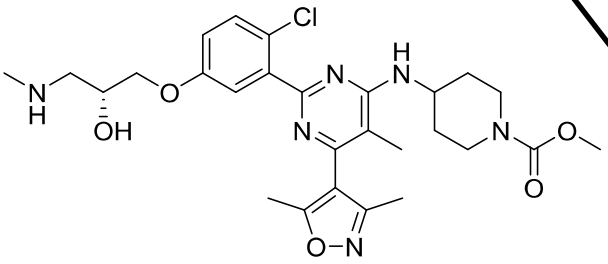
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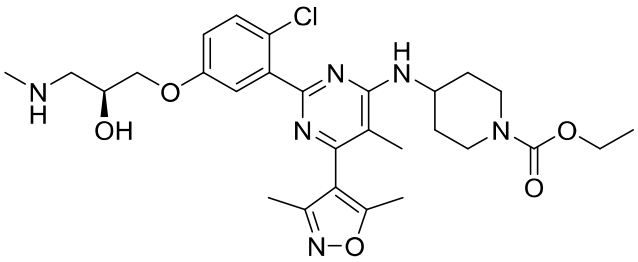
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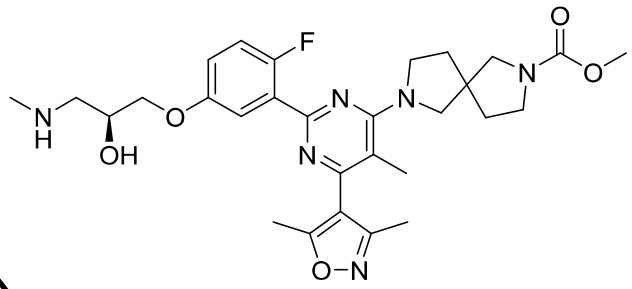
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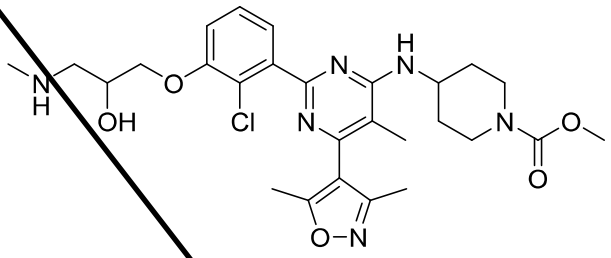
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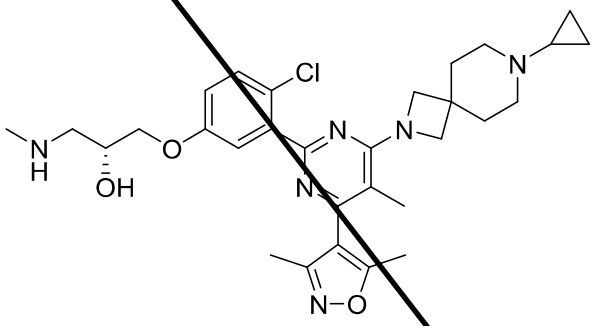
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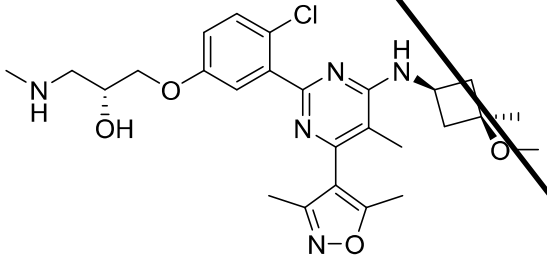
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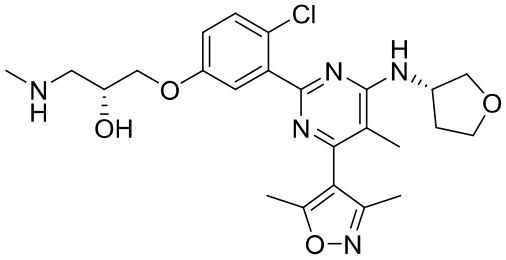
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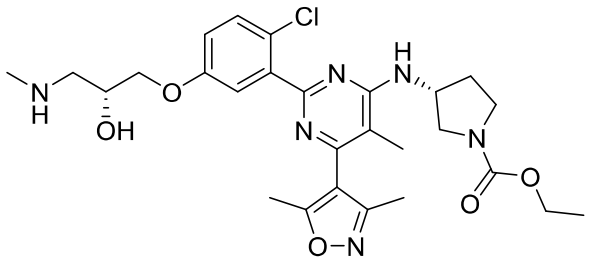
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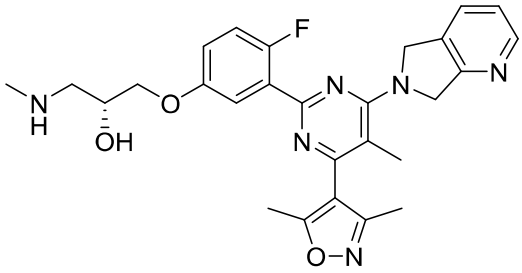
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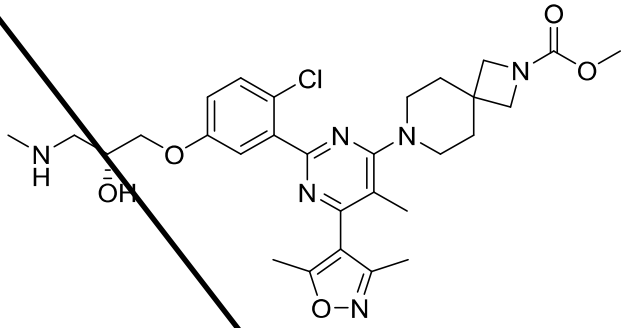
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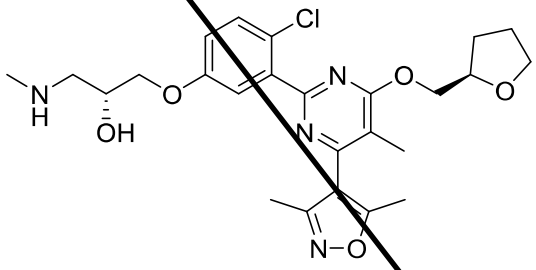
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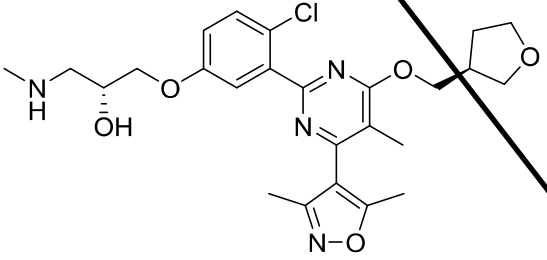
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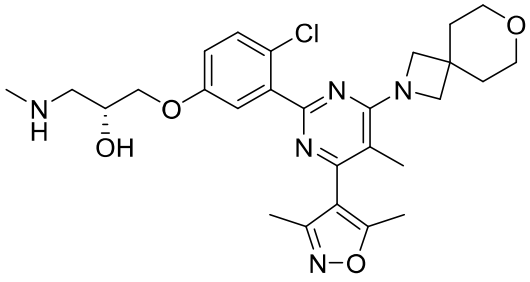
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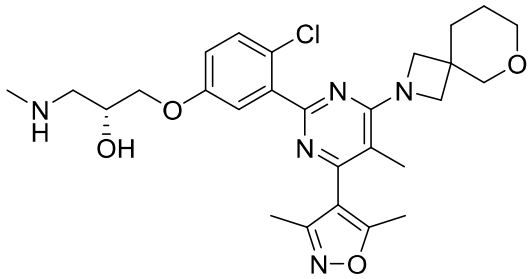


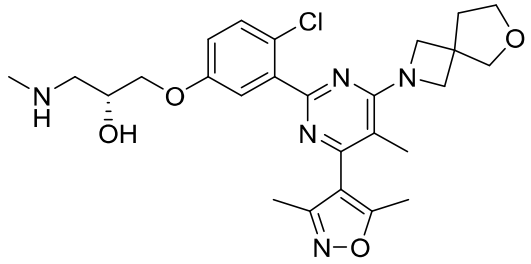
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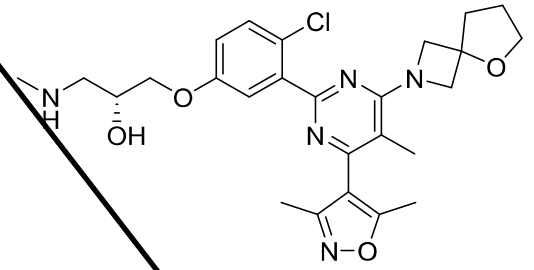


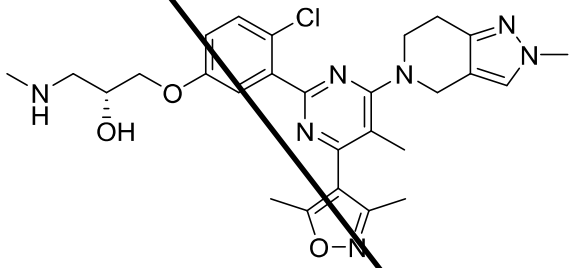
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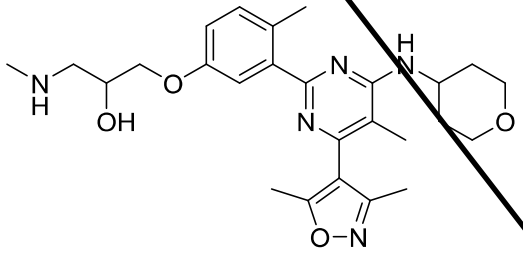


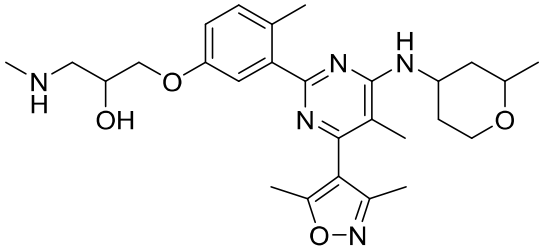
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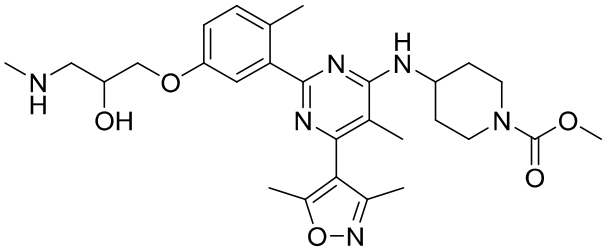
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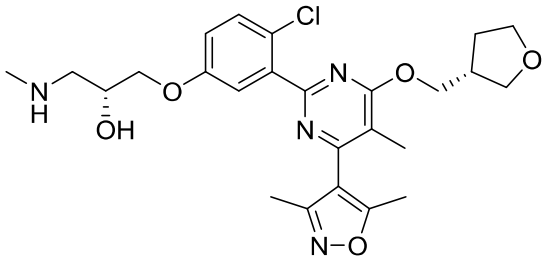
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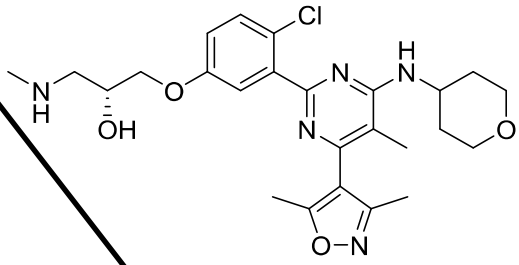
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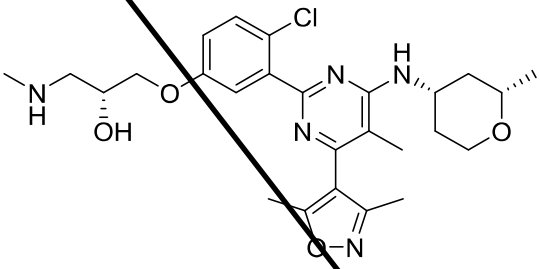
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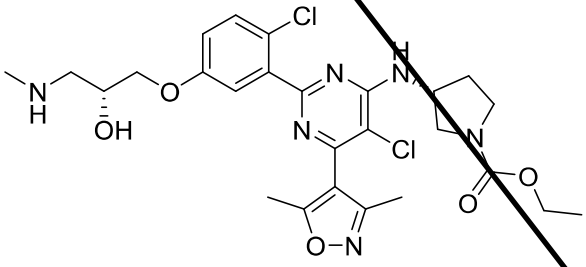
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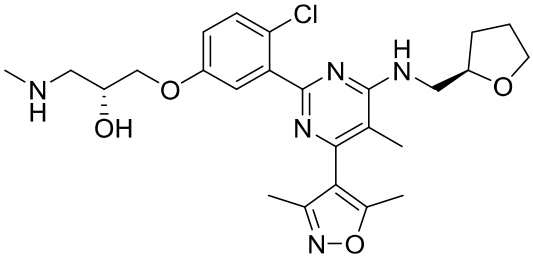
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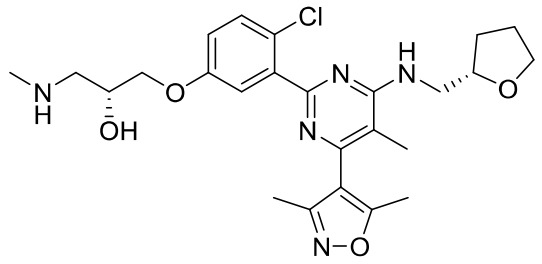
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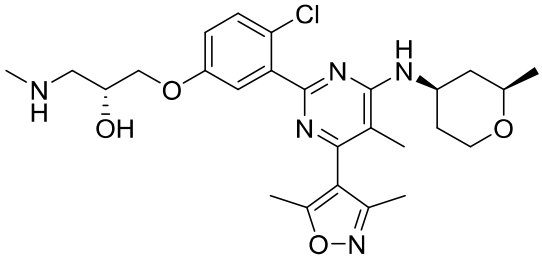
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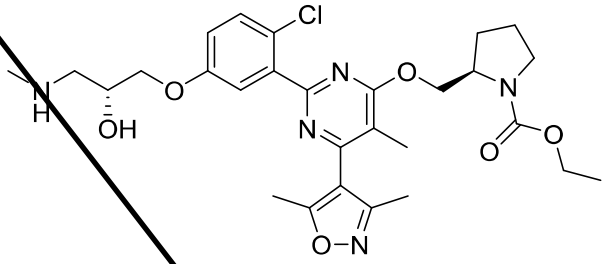
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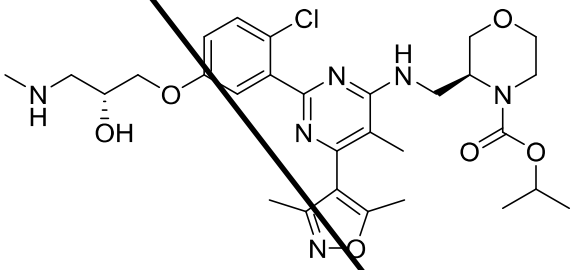
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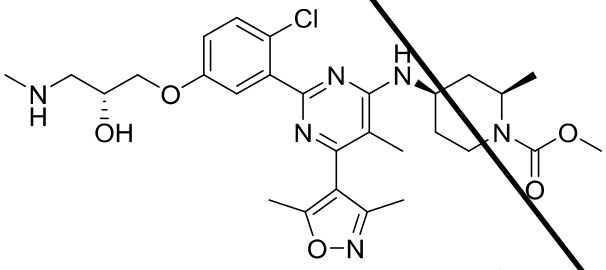
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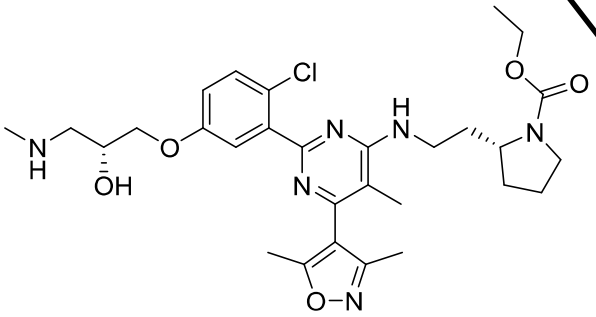
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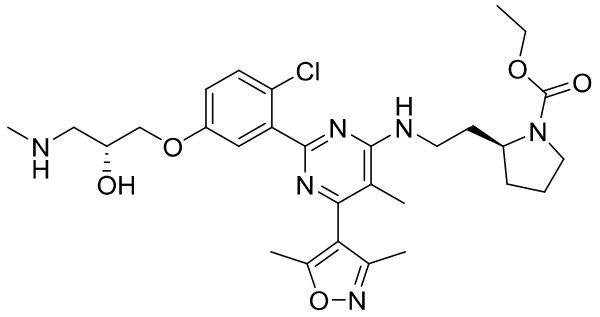


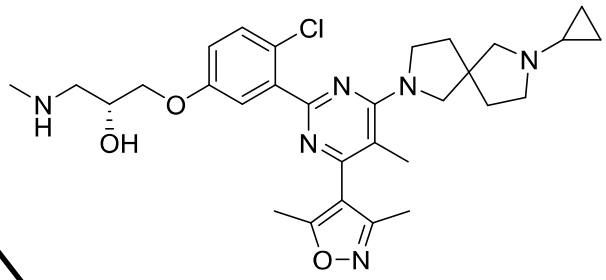
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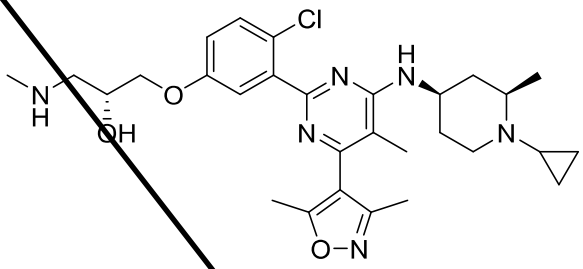


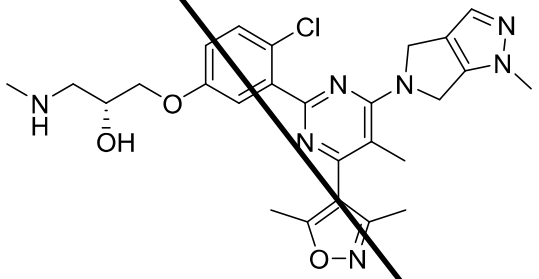
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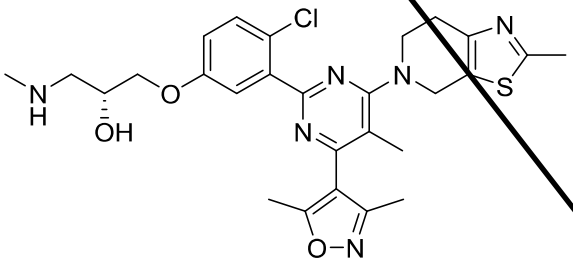


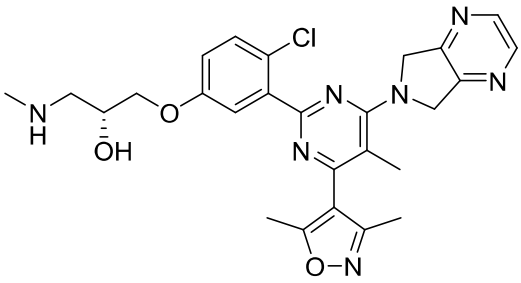
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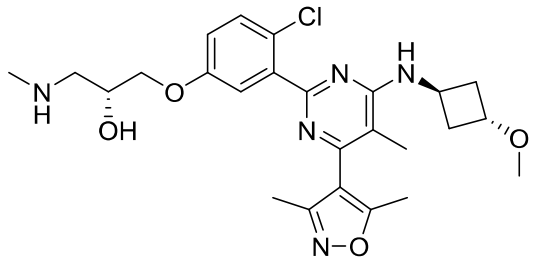
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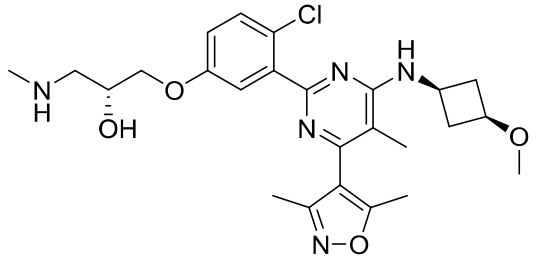
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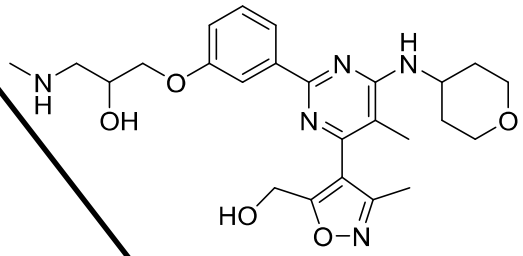
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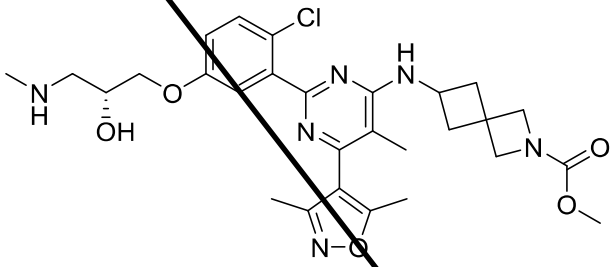
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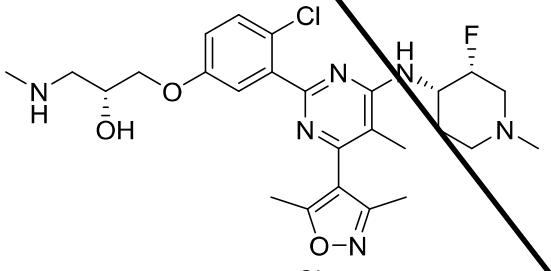
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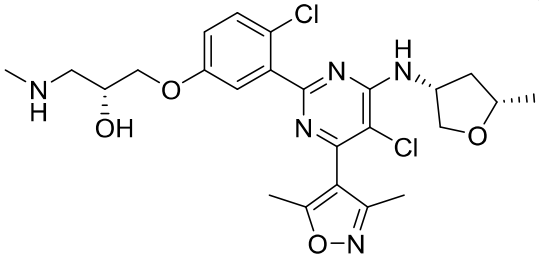
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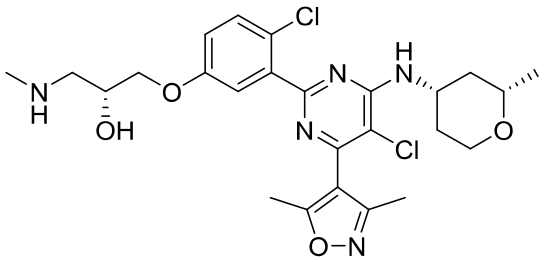
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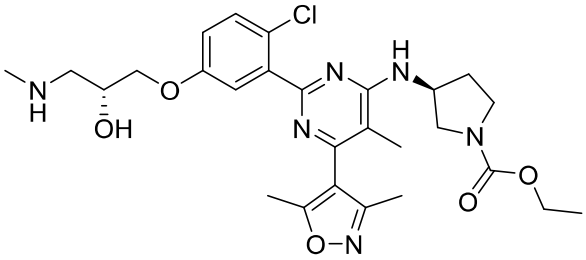
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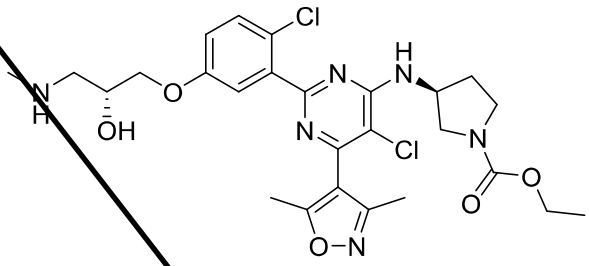
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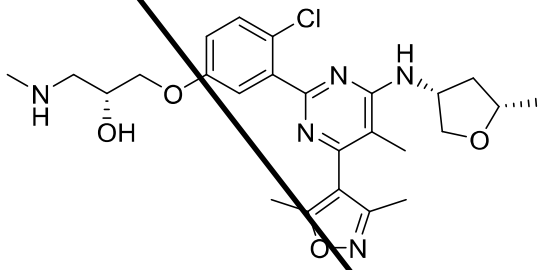
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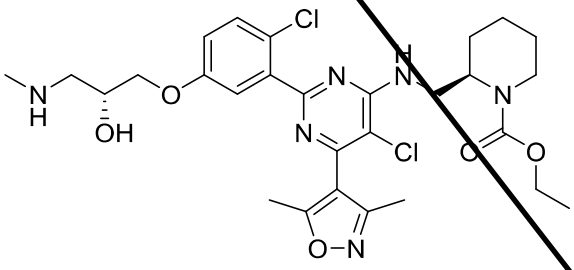
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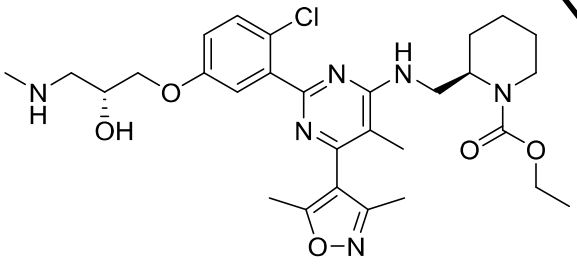
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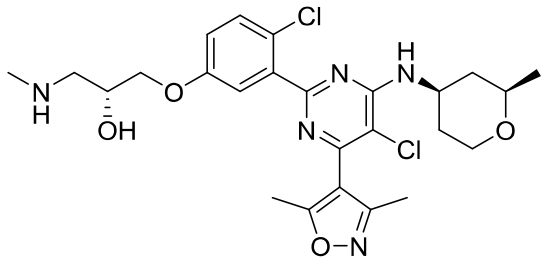
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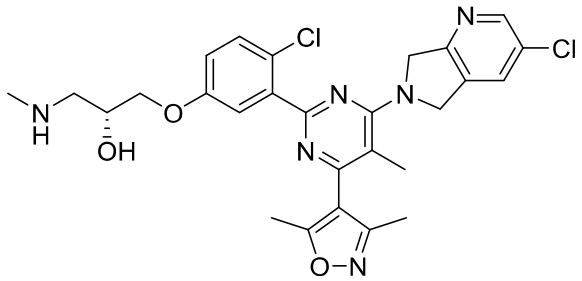
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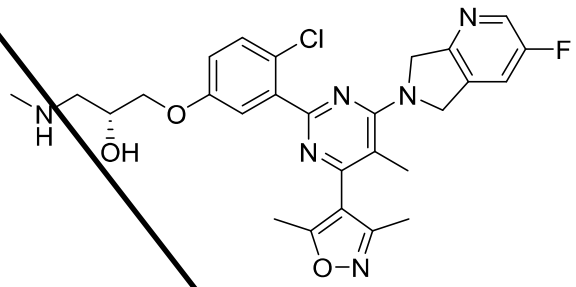
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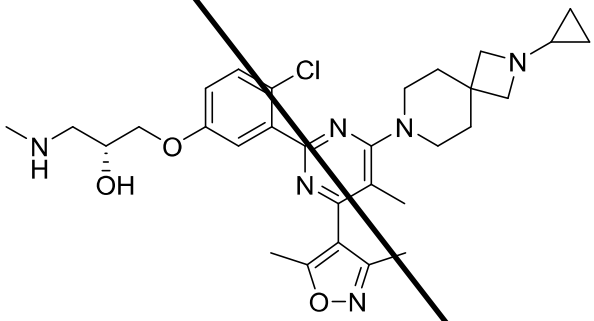
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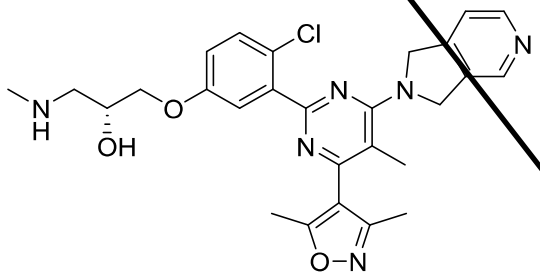
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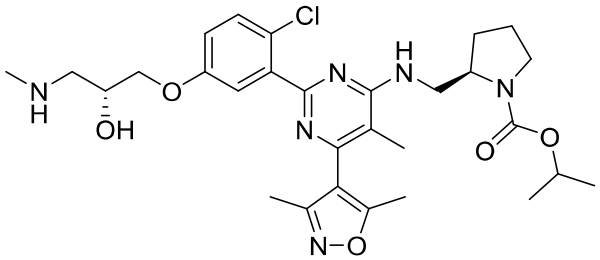
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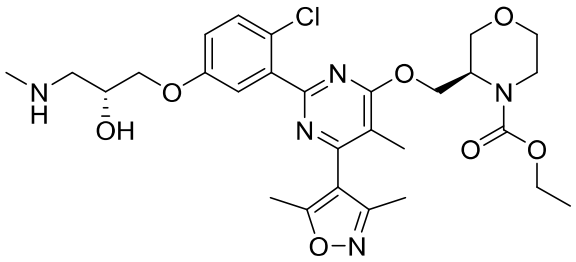
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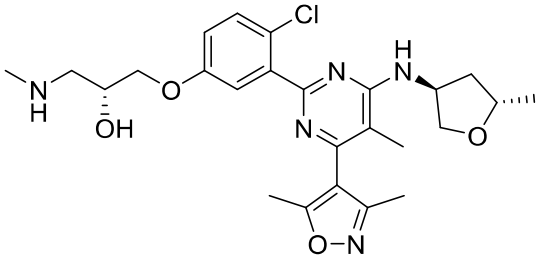
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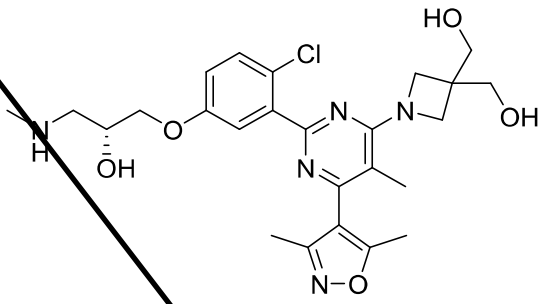
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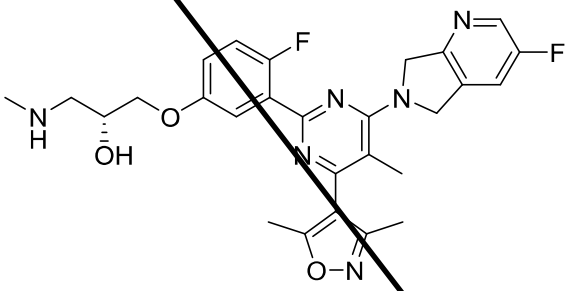
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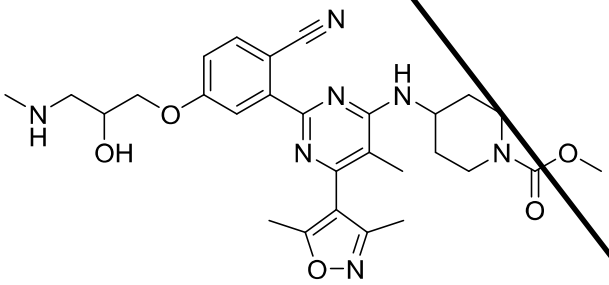
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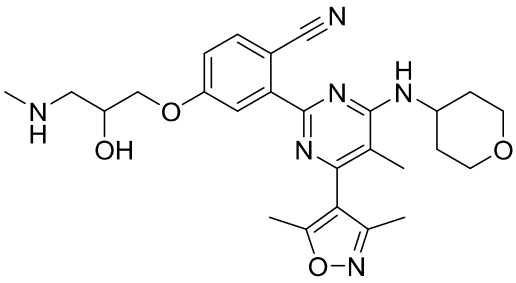
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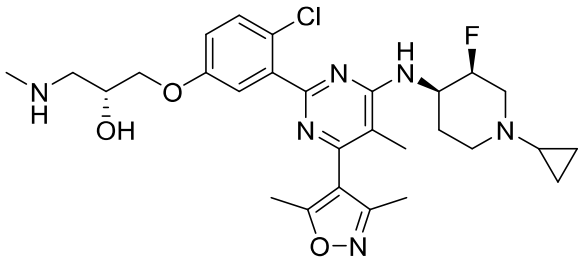


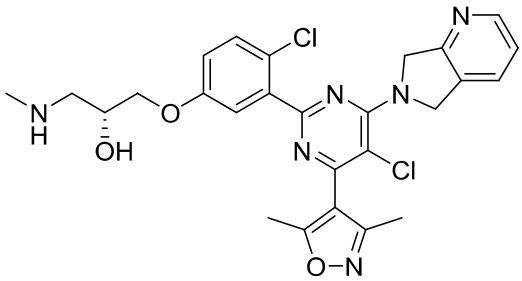
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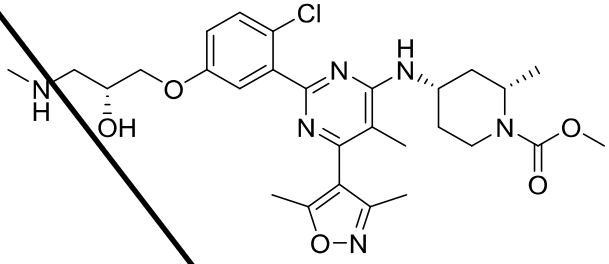


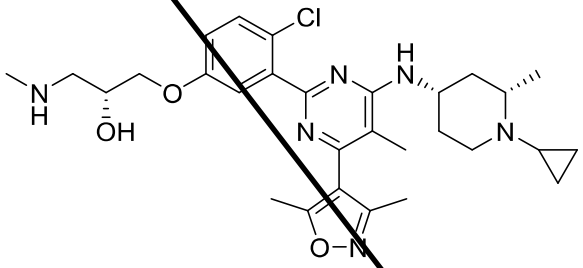
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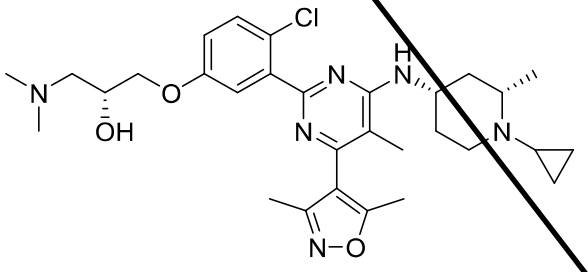


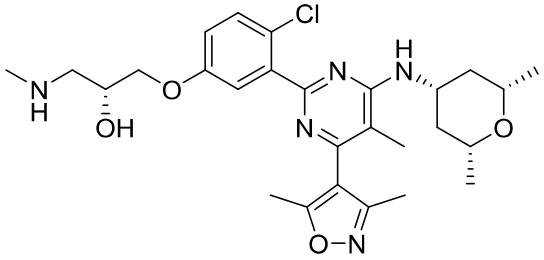
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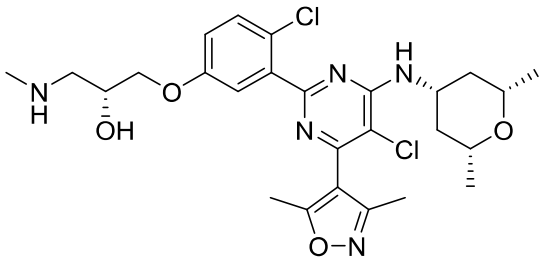
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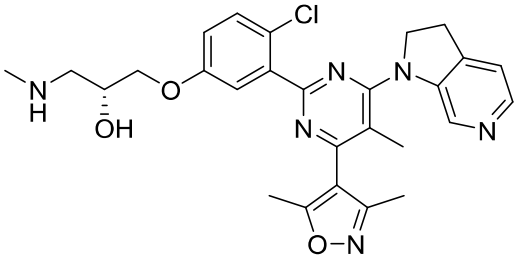
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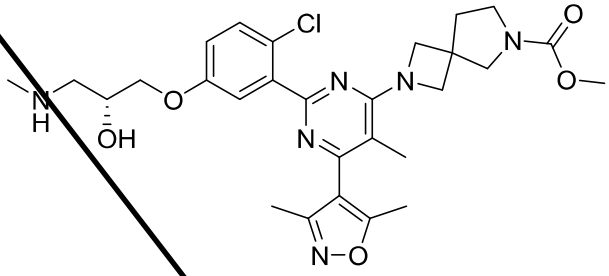
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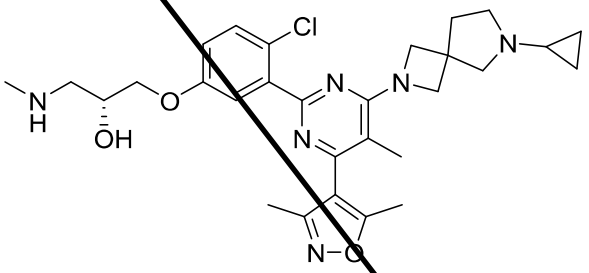
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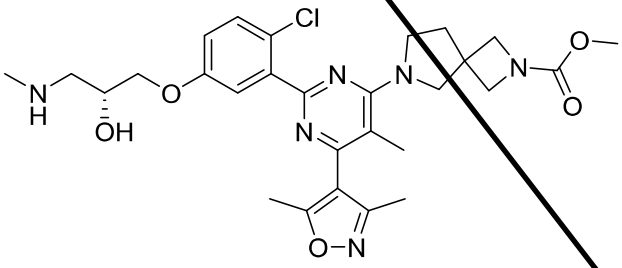
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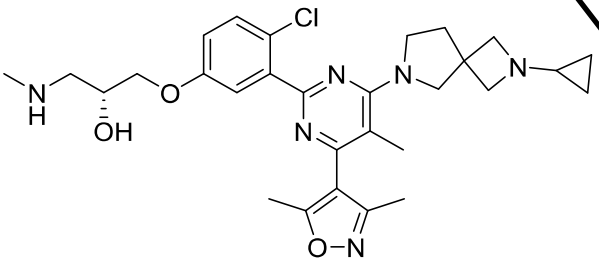
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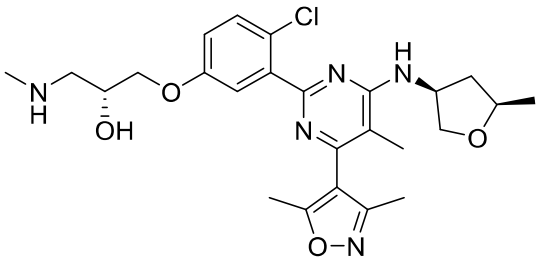
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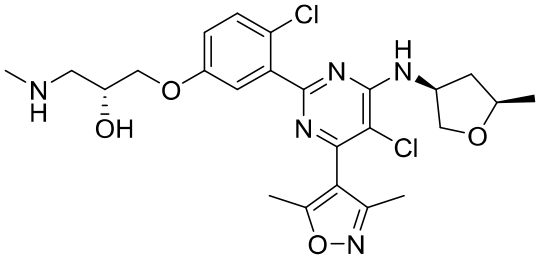
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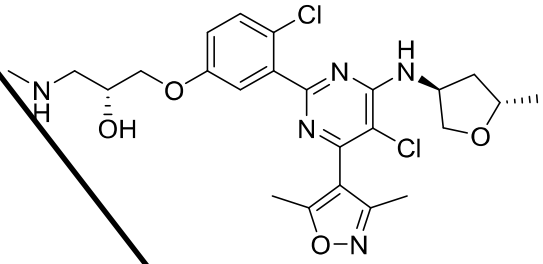
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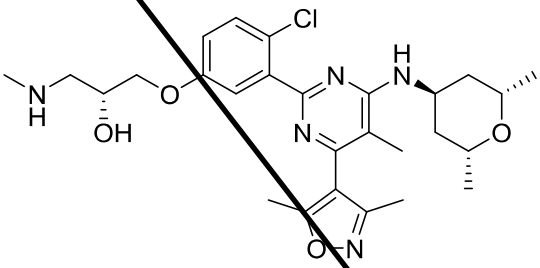
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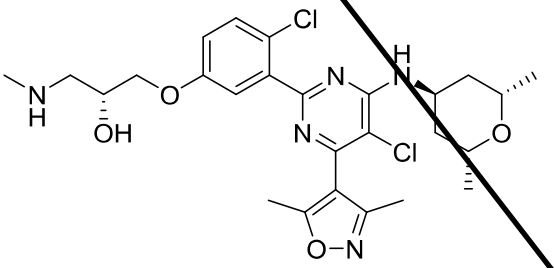
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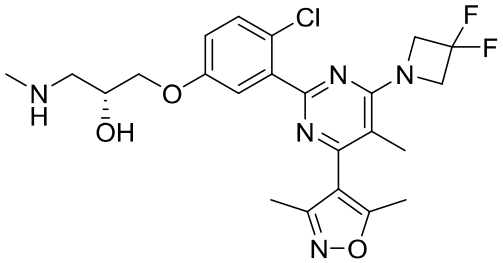
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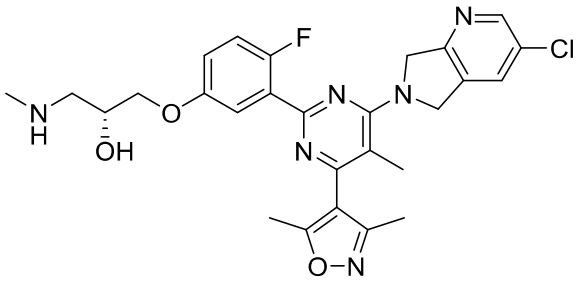
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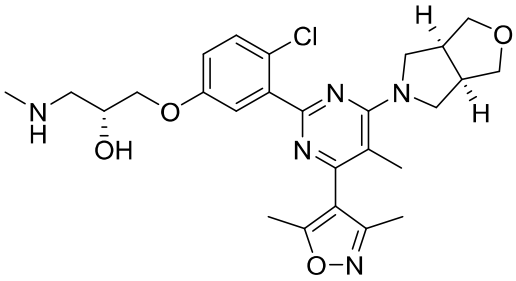
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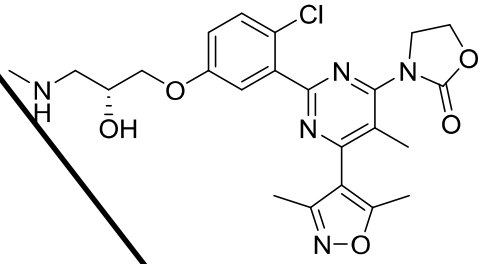
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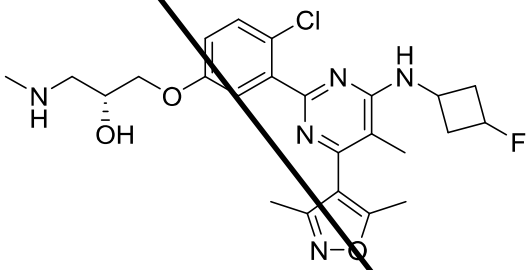
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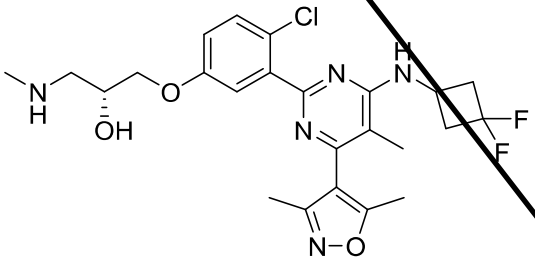
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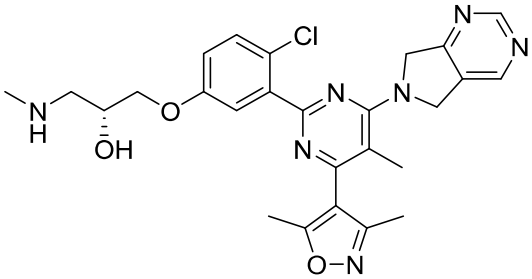
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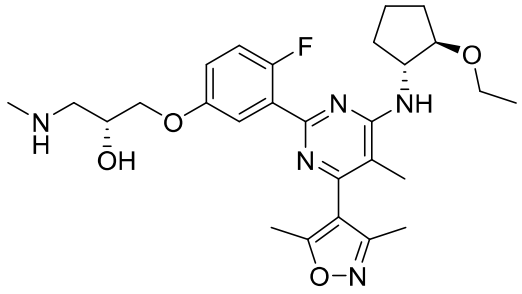
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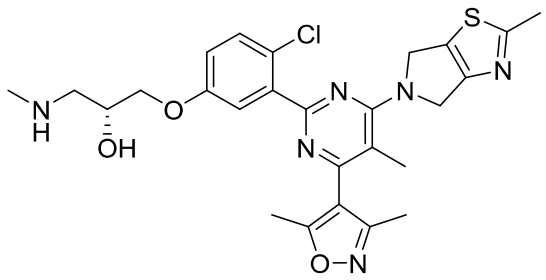
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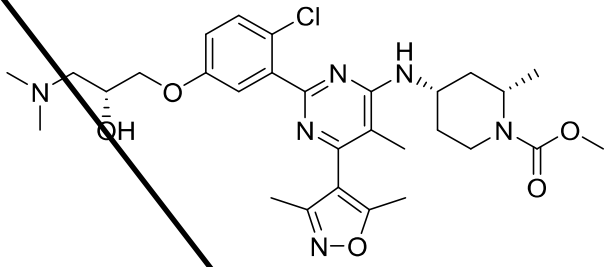
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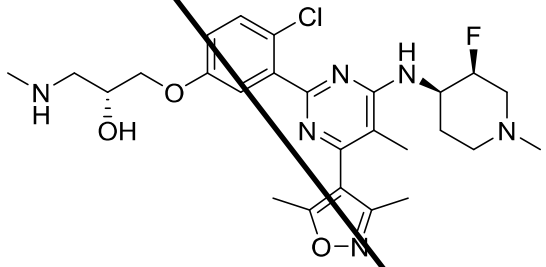
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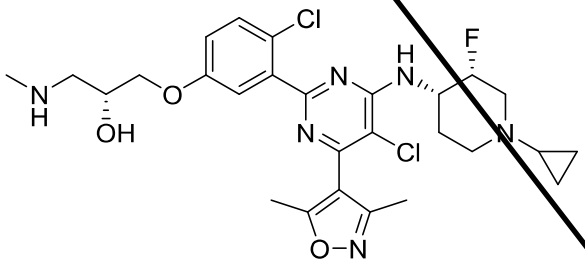
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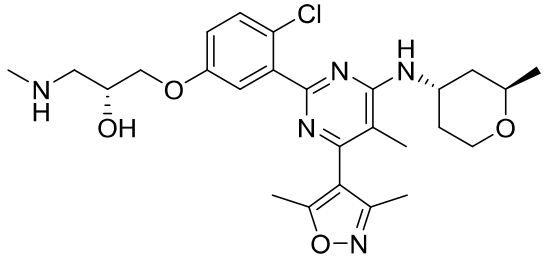
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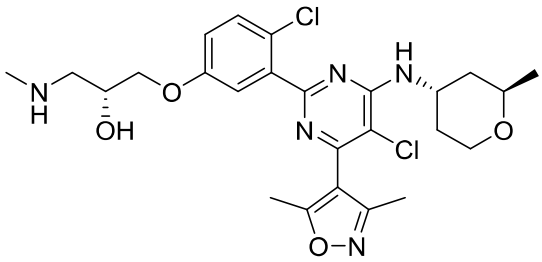
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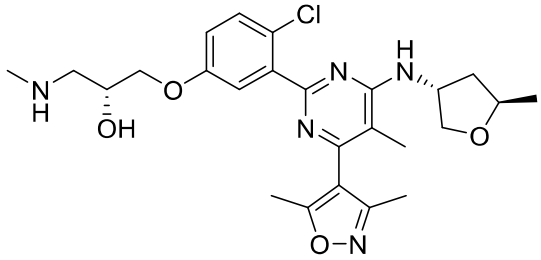
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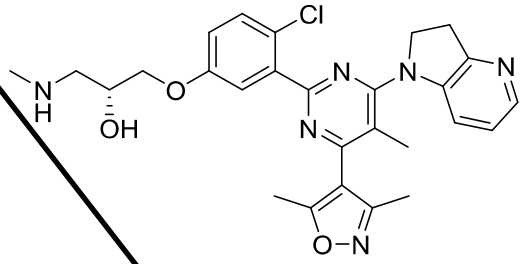
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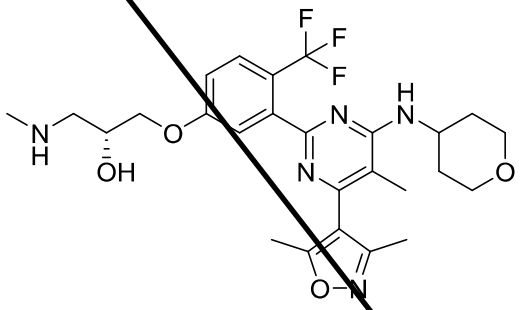
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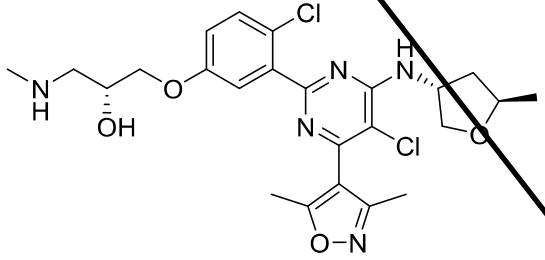
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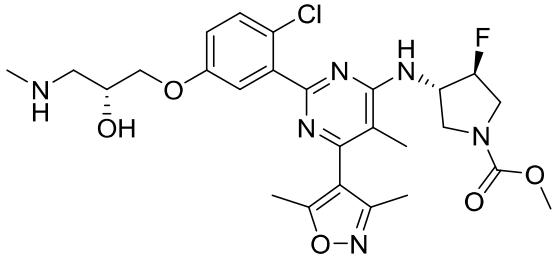
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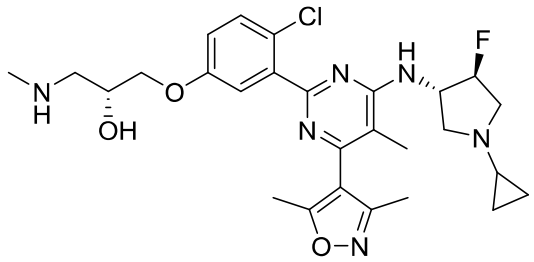
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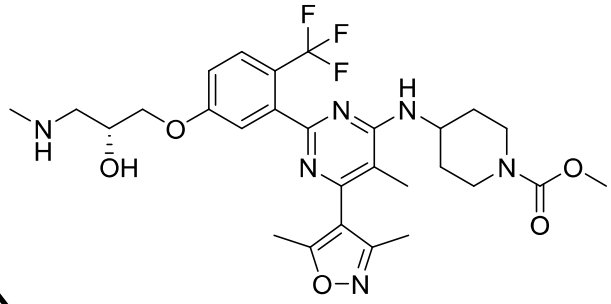
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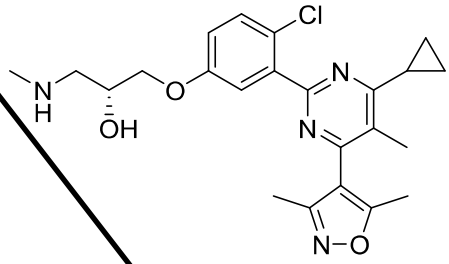
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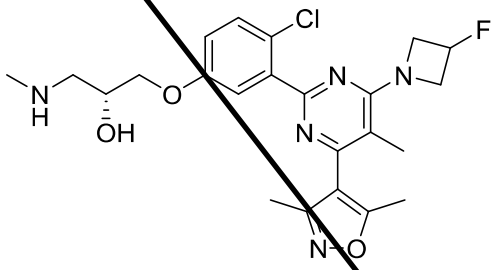
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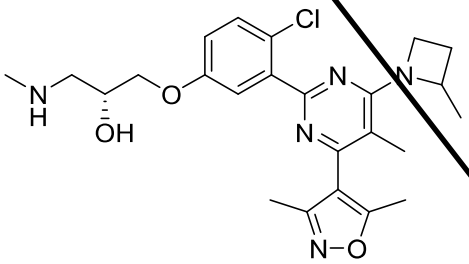
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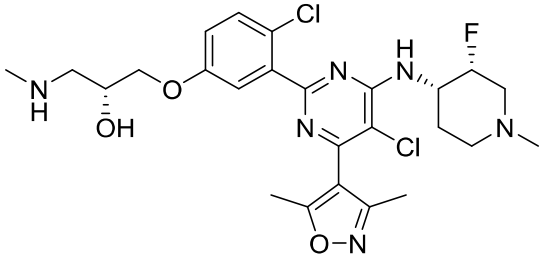
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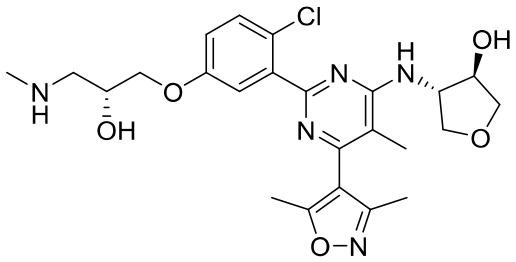
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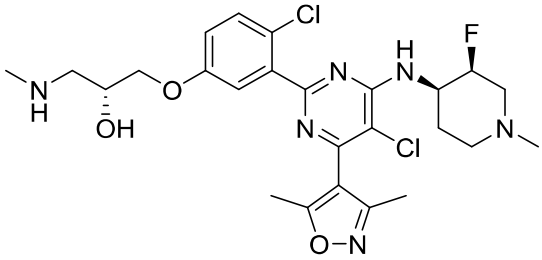
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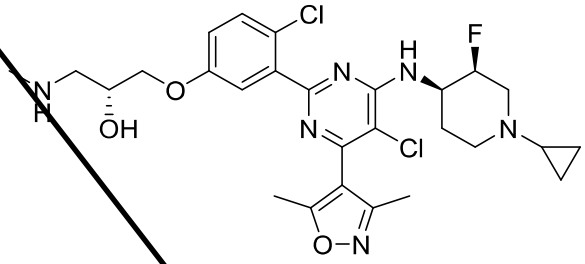
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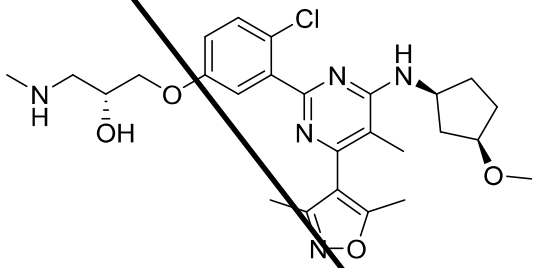
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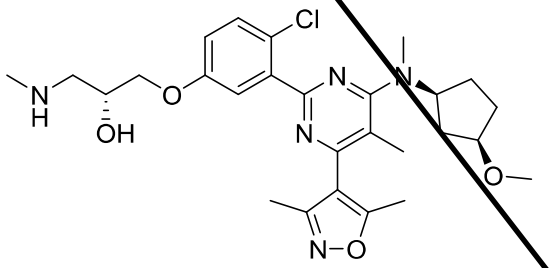
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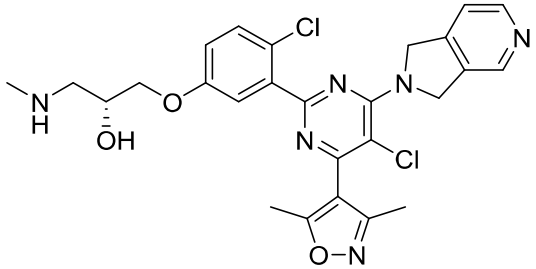
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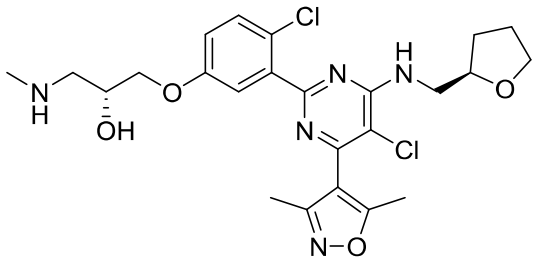
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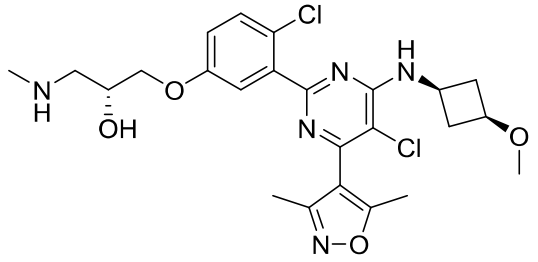
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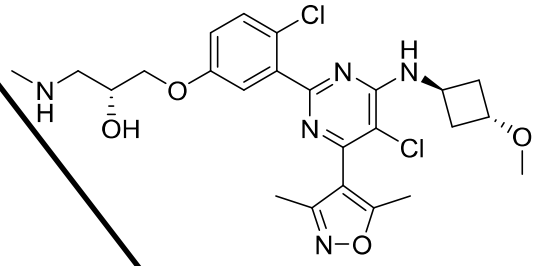
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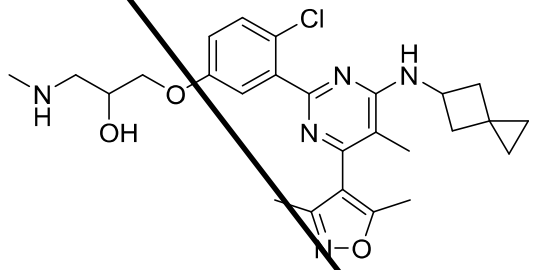
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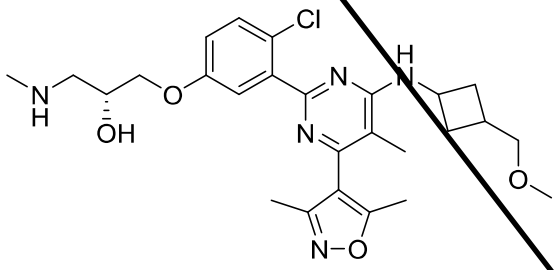
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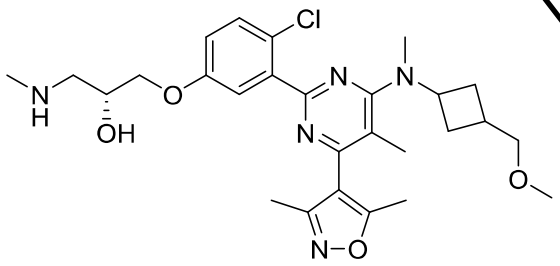
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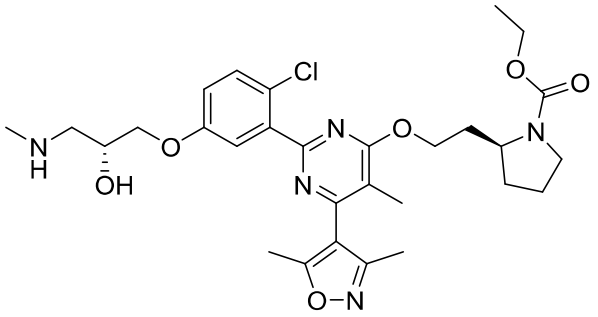
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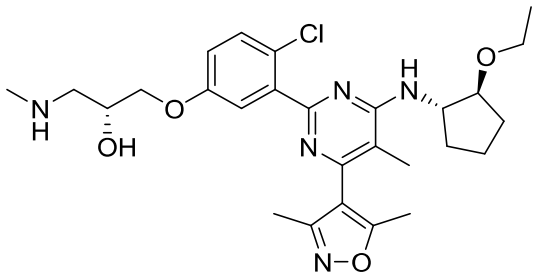
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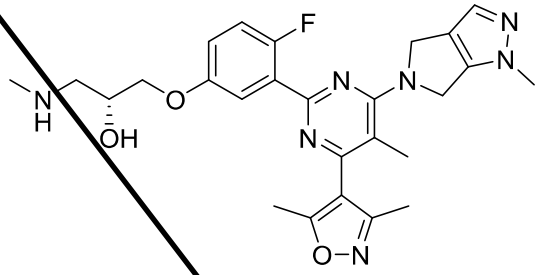
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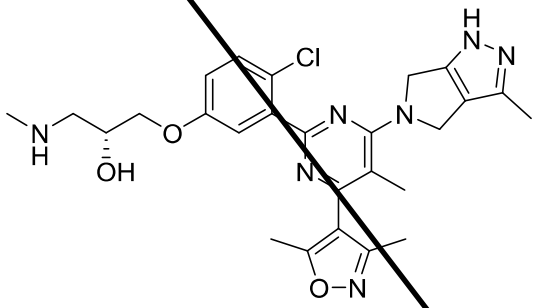
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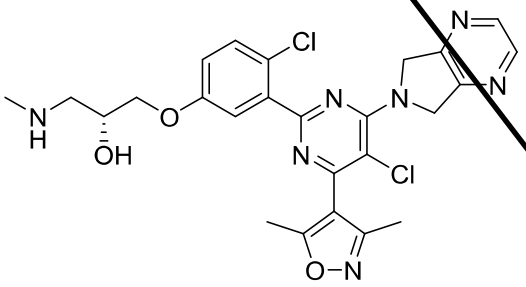
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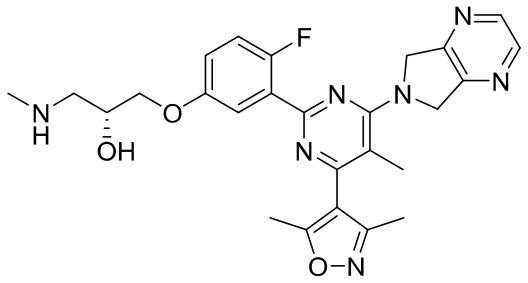


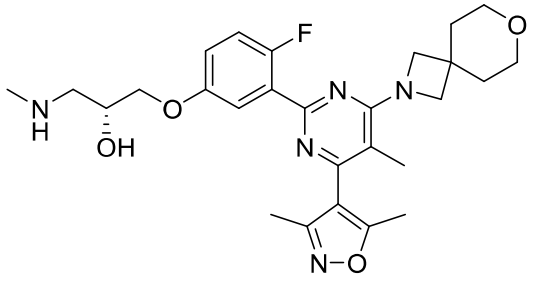
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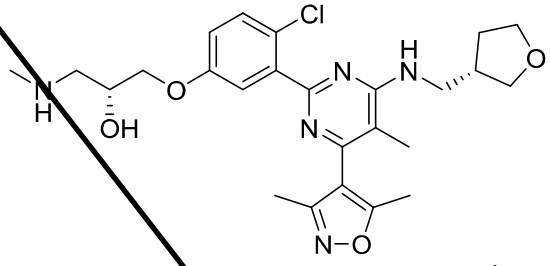


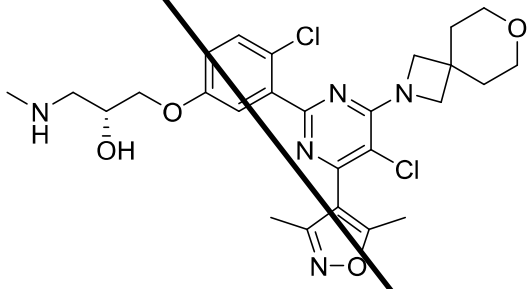
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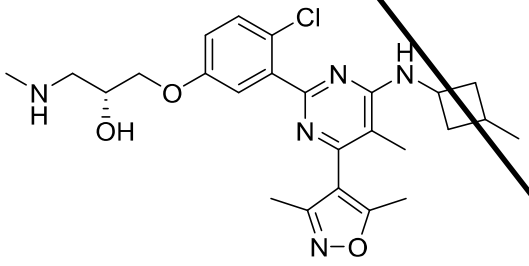


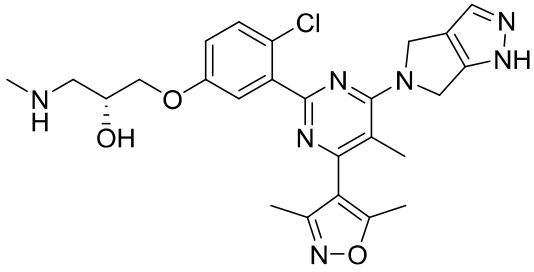
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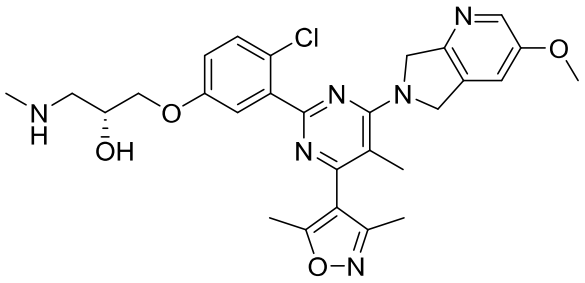
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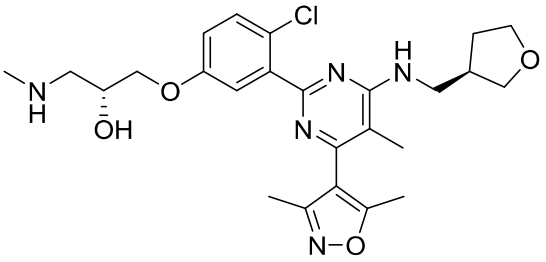
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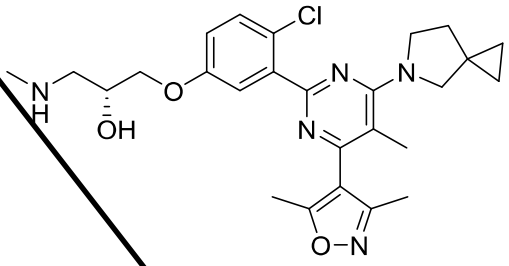
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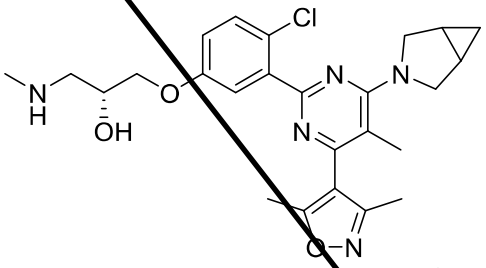
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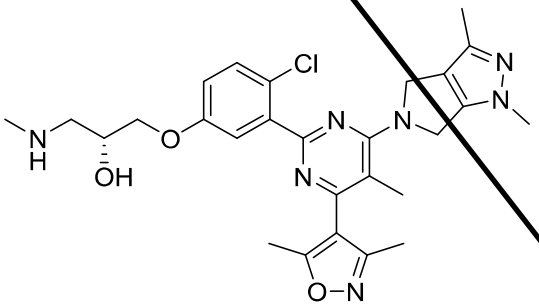
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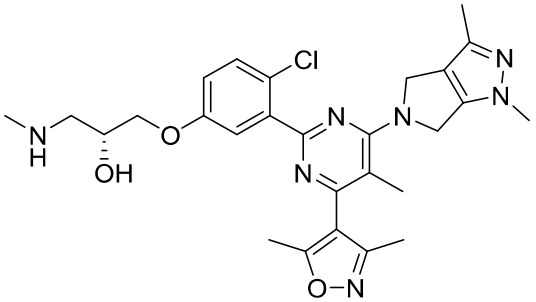
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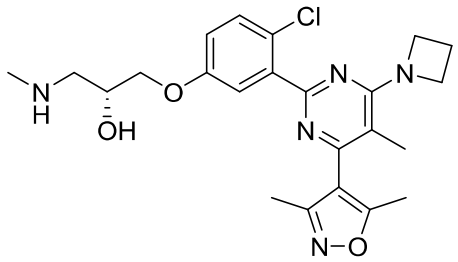
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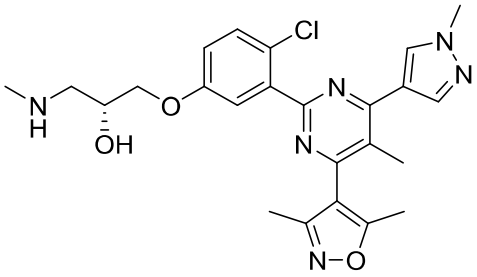
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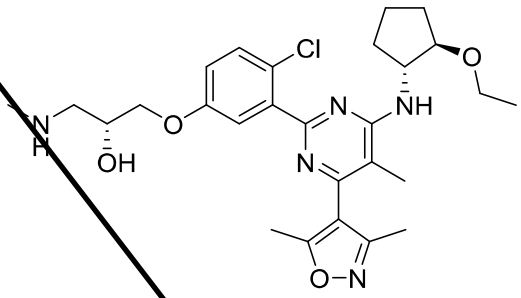
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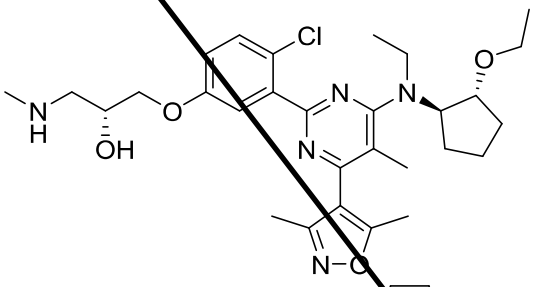
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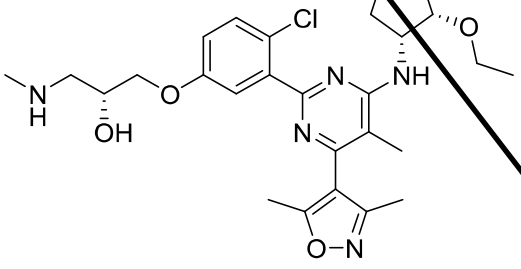
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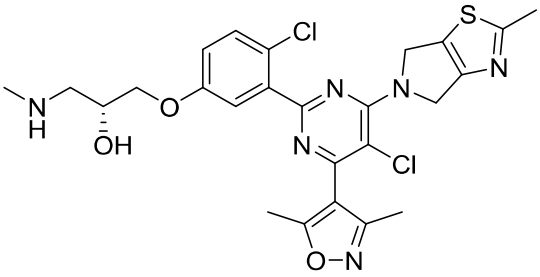
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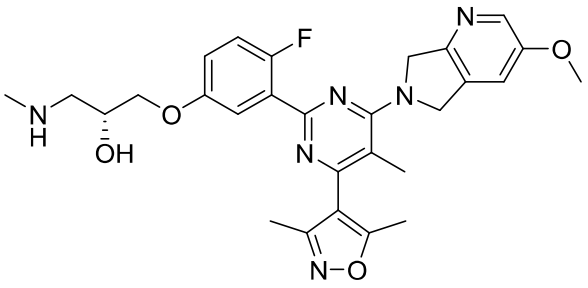
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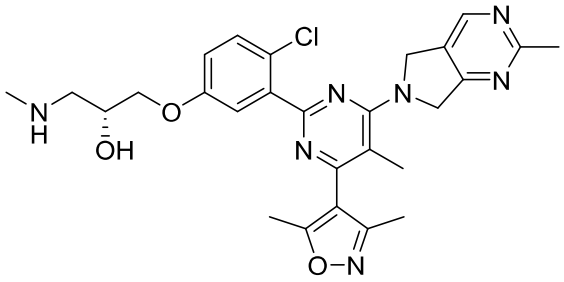
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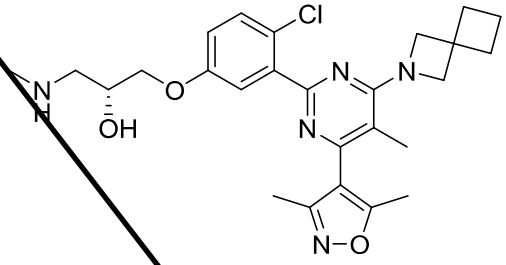
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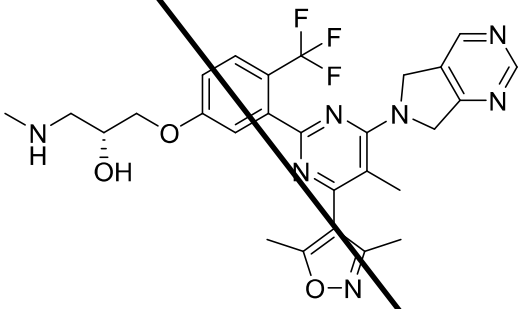
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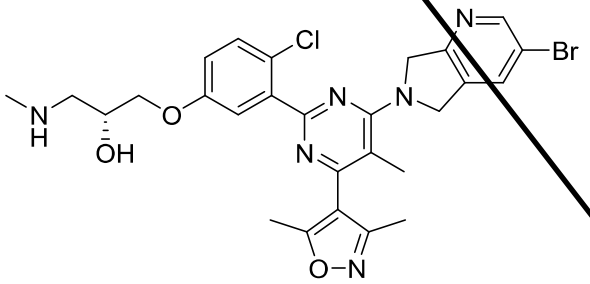
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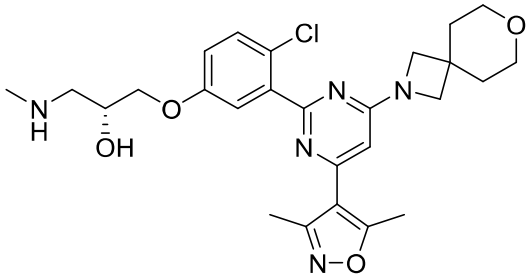
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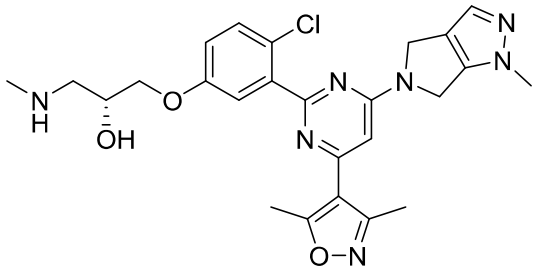
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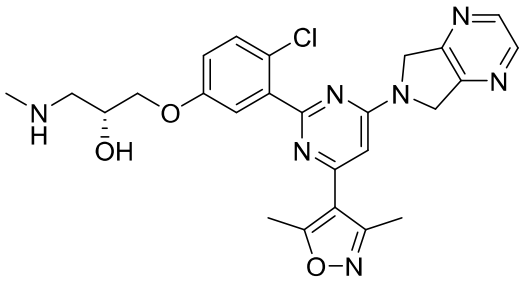
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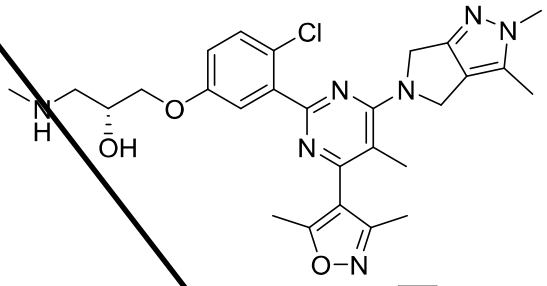
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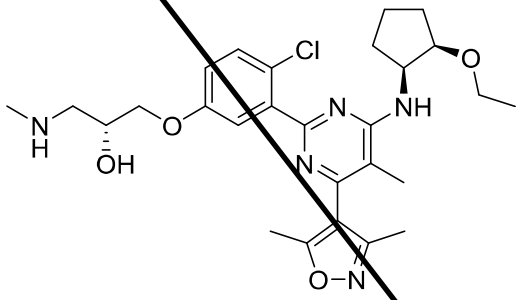
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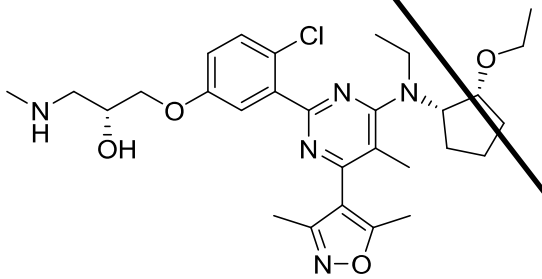
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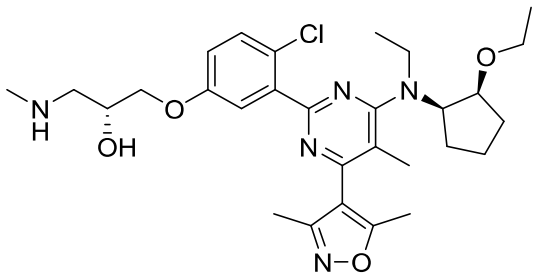
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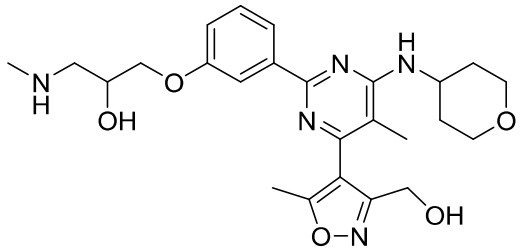
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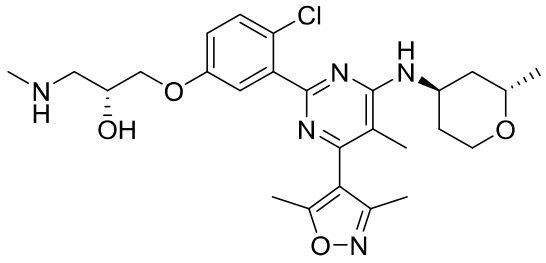
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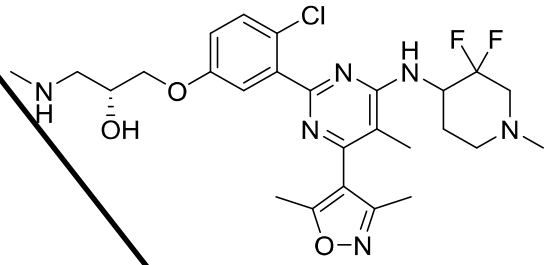
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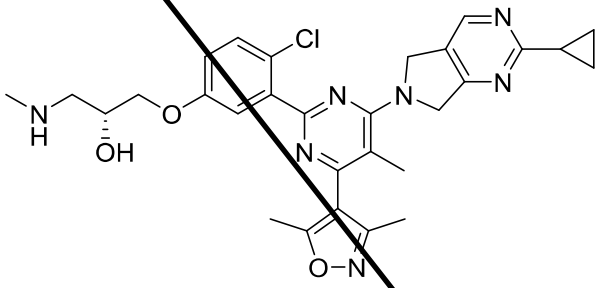
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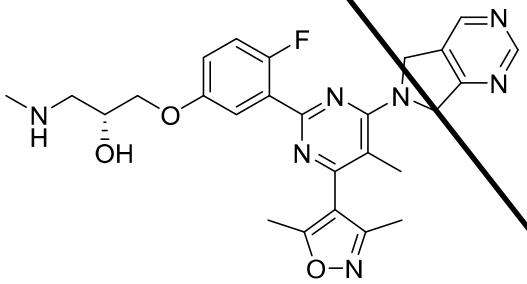
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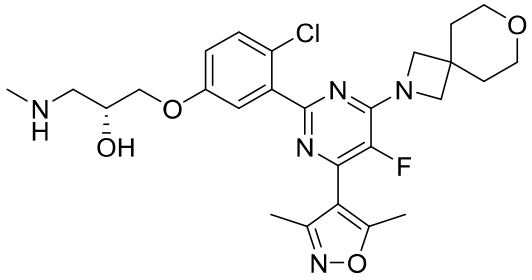
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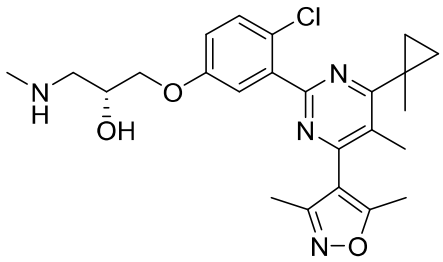
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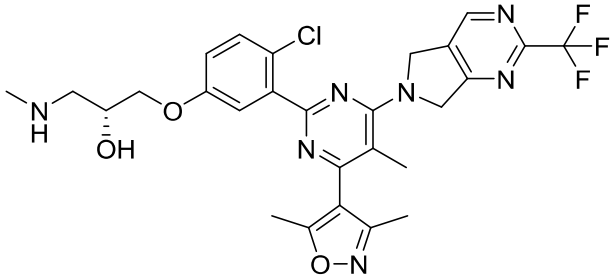
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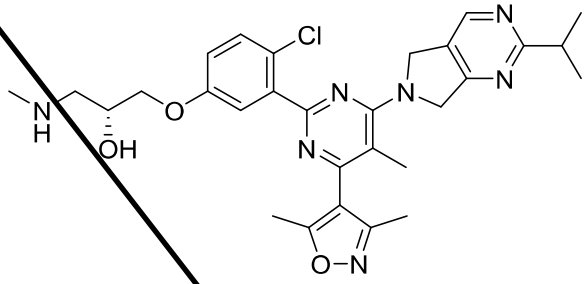
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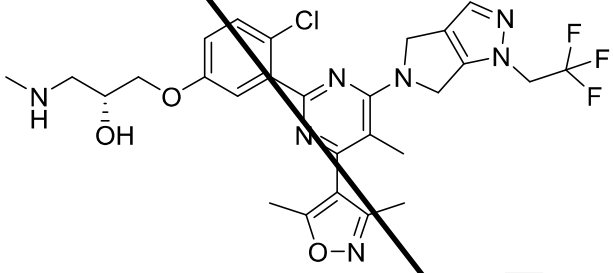
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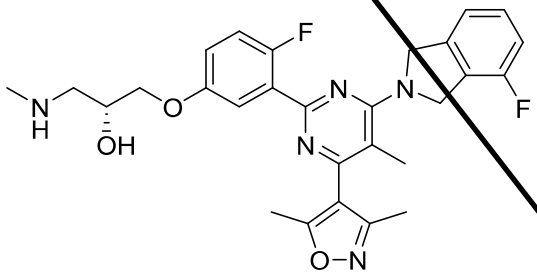
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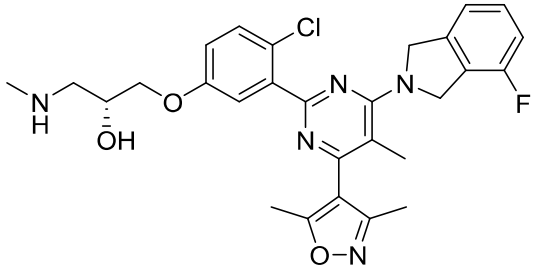
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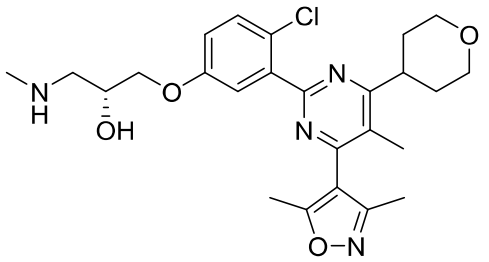
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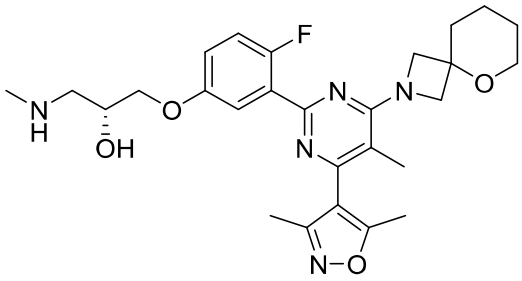
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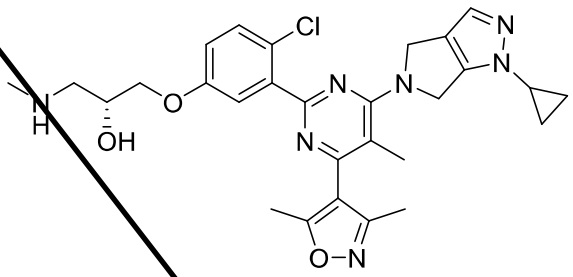
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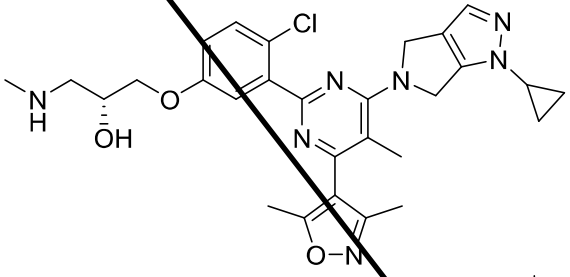
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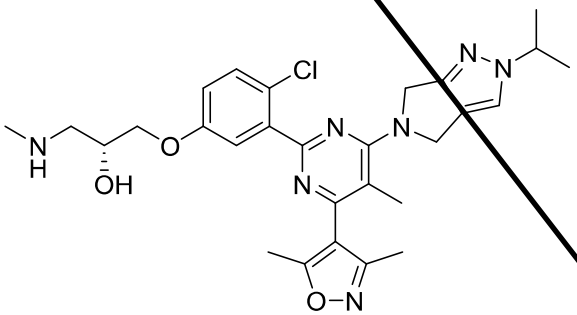
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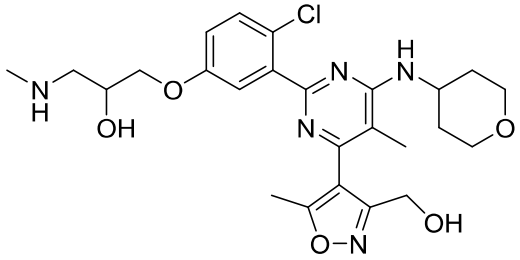
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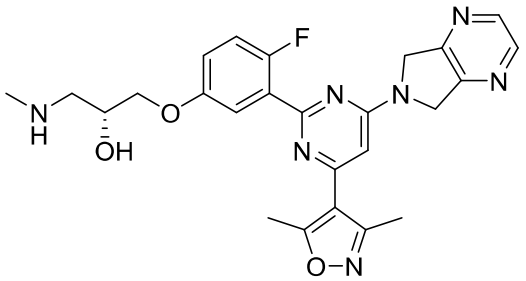
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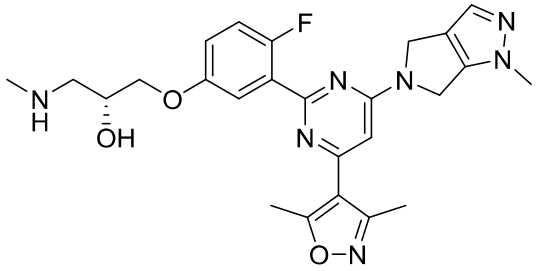
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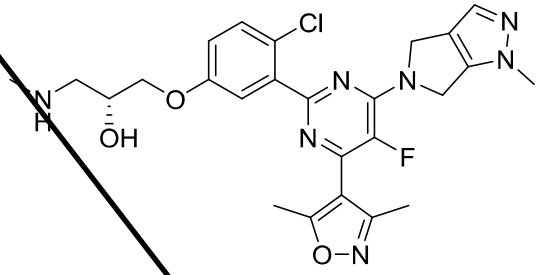
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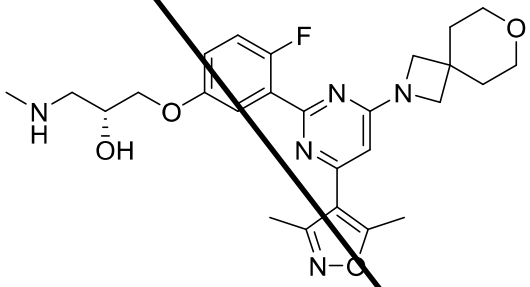
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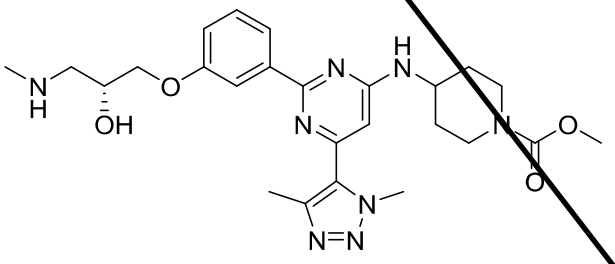
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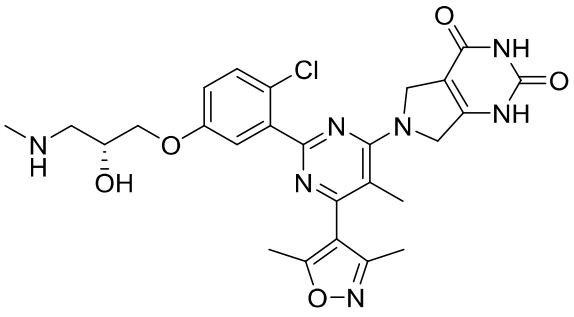
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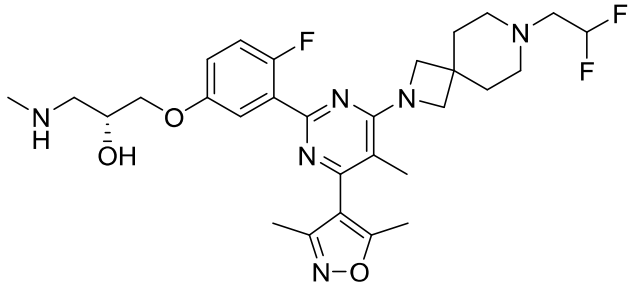
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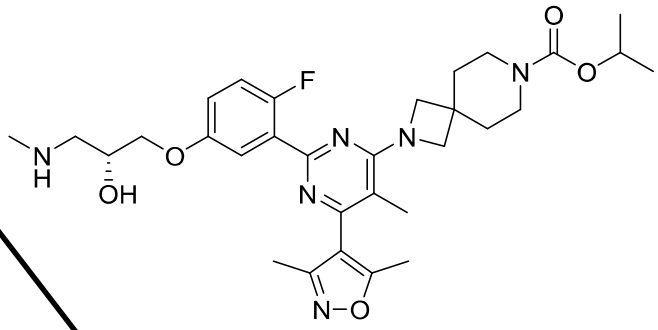
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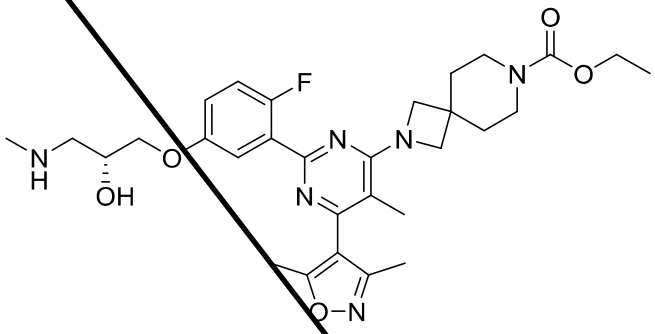
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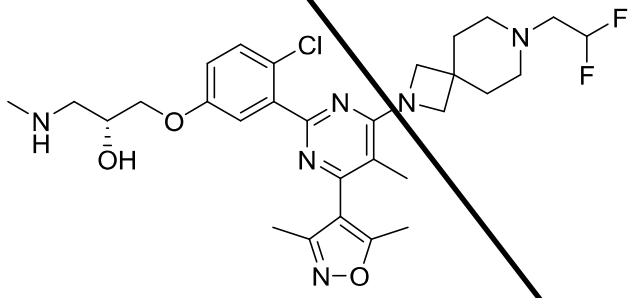
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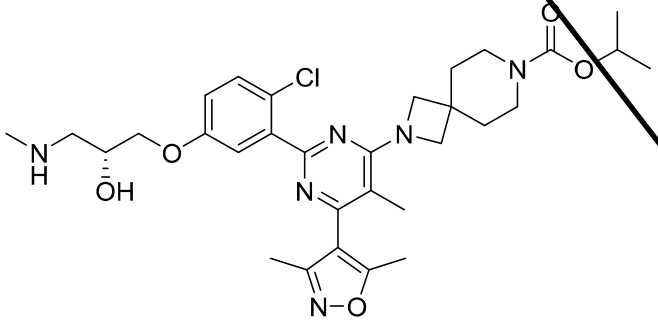
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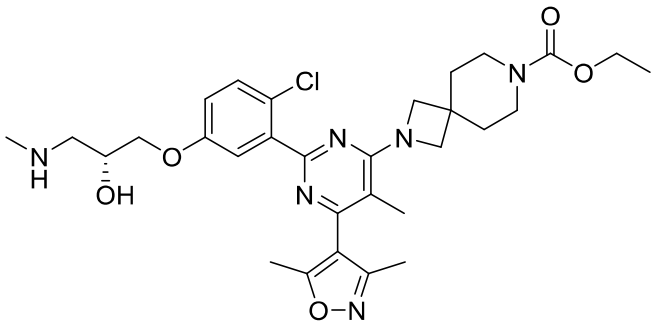
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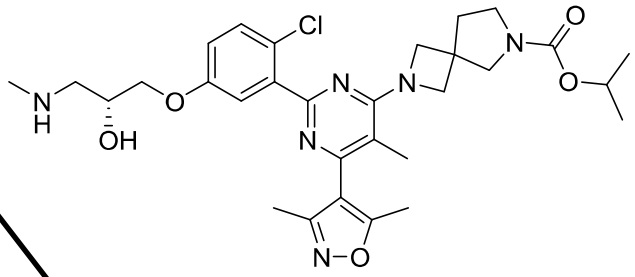
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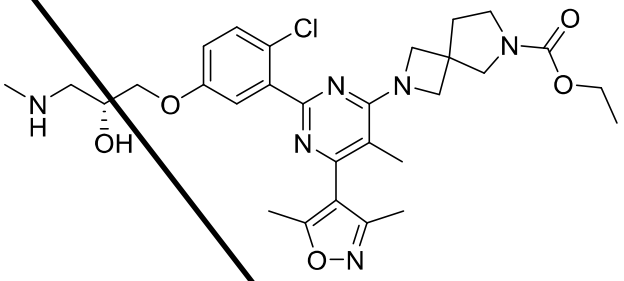
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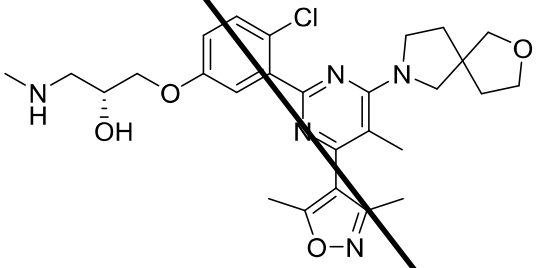
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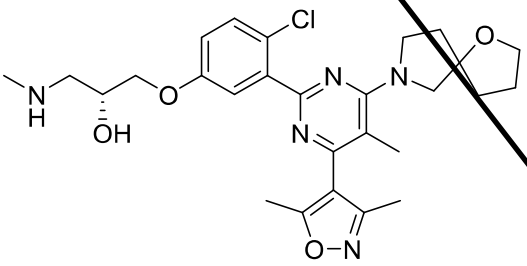
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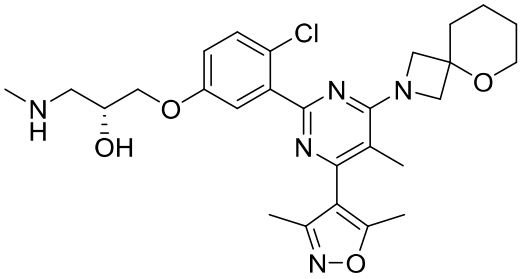
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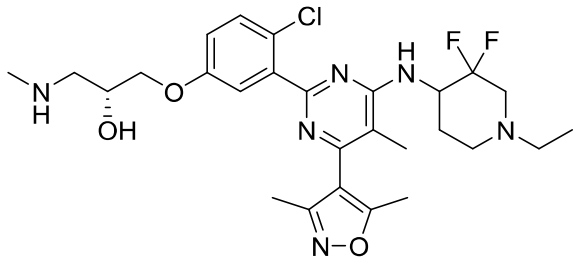
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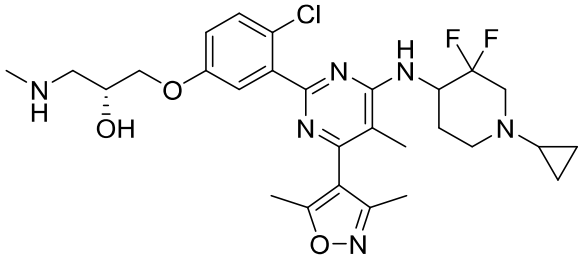
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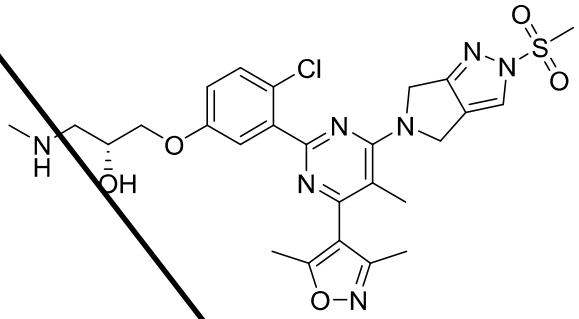
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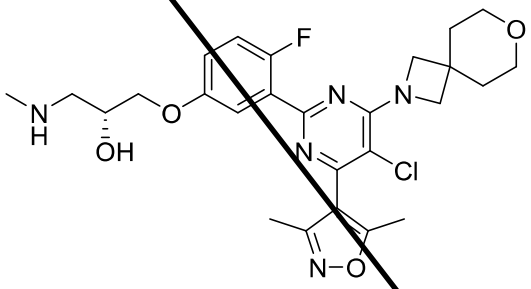
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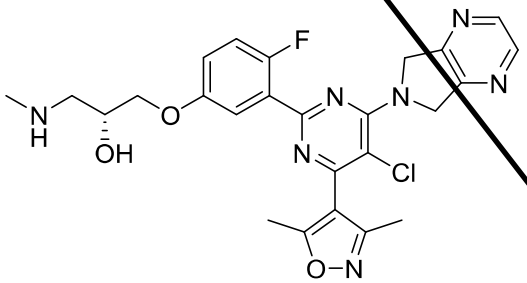
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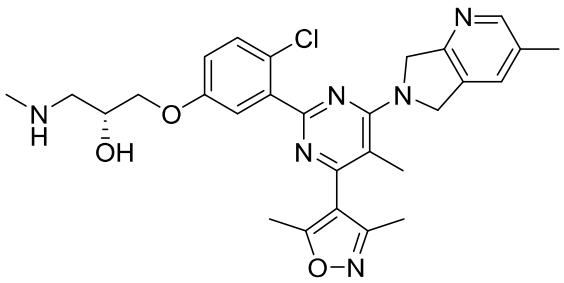
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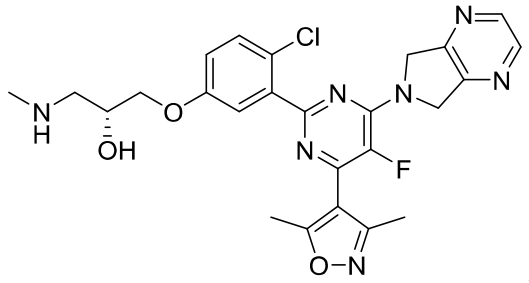
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293-3 

294-3 

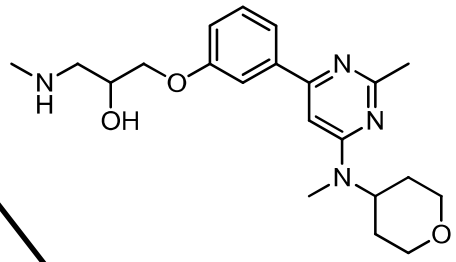
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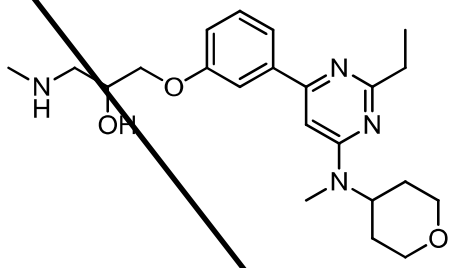
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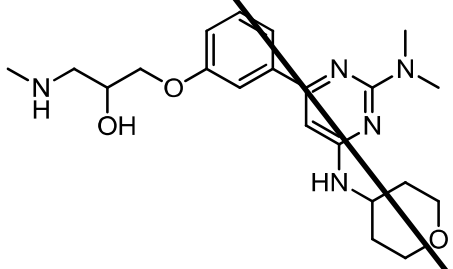
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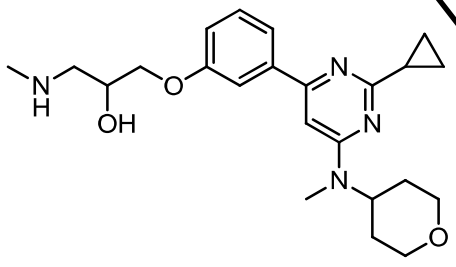
and pharmaceutically acceptable salts thereof.

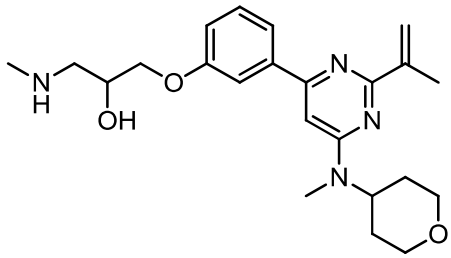
50. The compound of claim 1, wherein the compound is selected from the group consisting of:

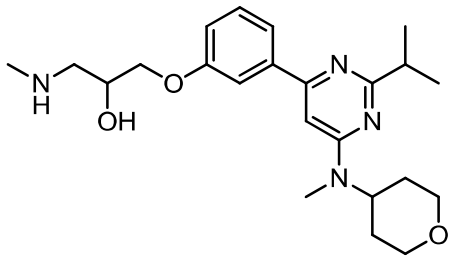
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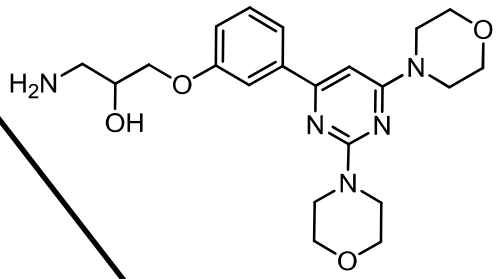
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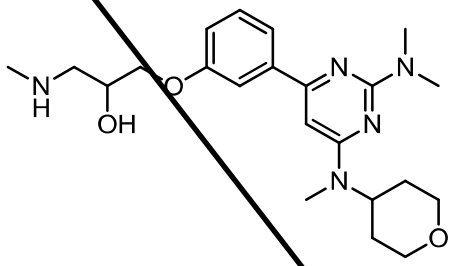
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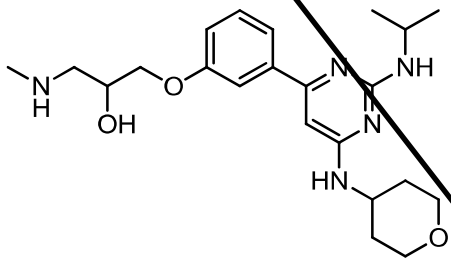
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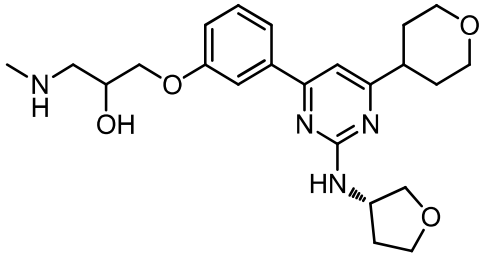
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6-2 

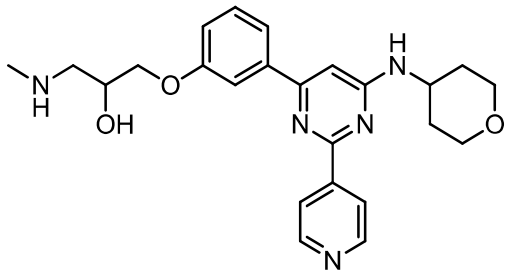
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8-2 

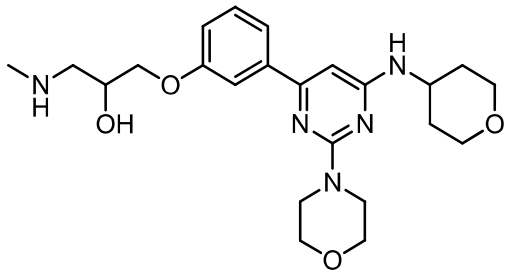
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10-2 

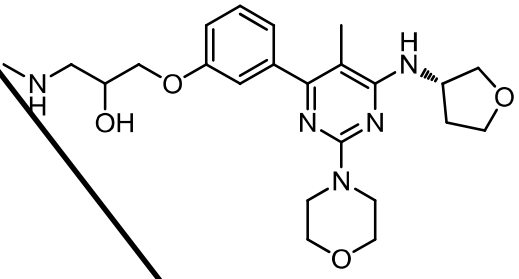
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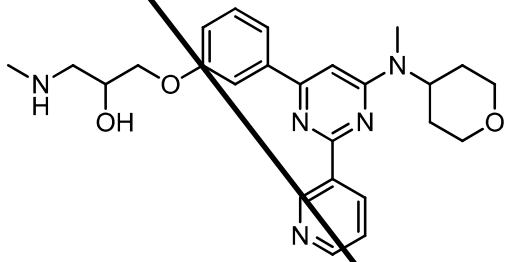
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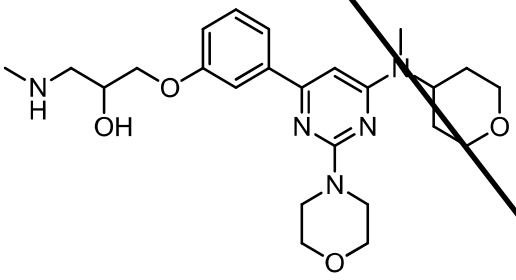
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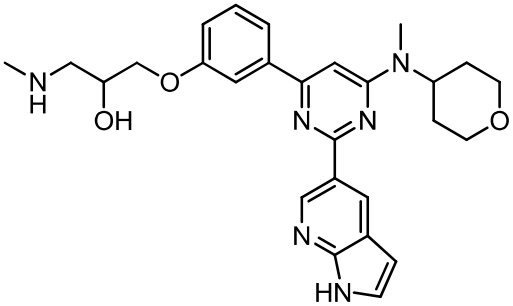
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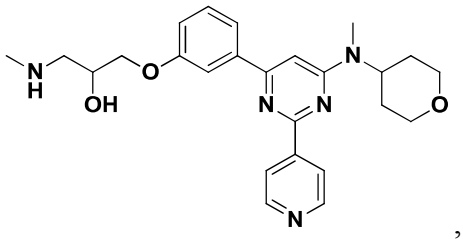
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16-2



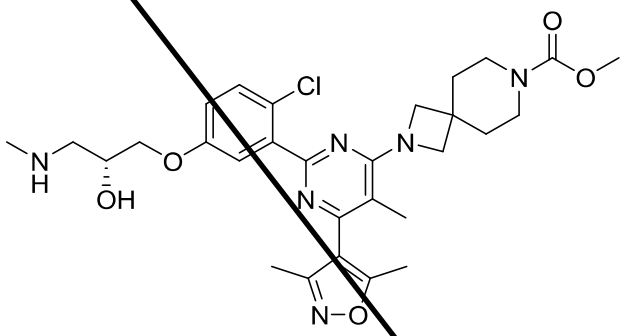
2-1



,

and pharmaceutically acceptable salts thereof.

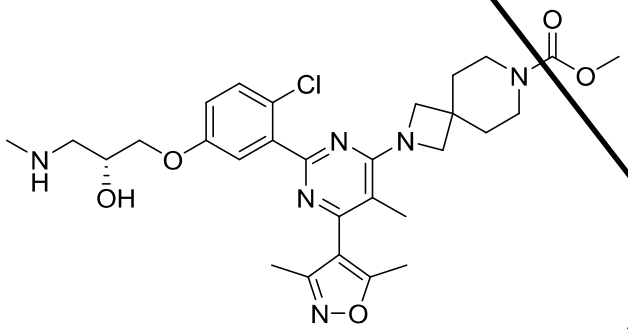
51. A compound of formula:



,

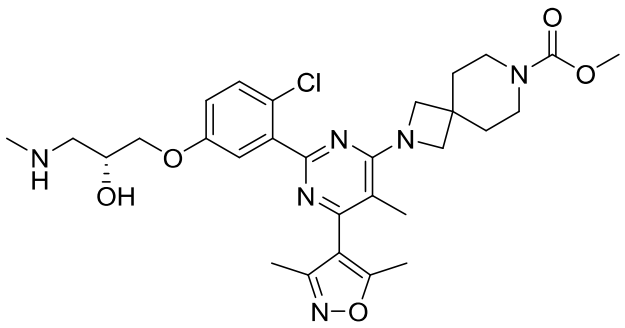
or a pharmaceutically acceptable salt thereof.

52. The compound of claim 51, wherein the compound is:



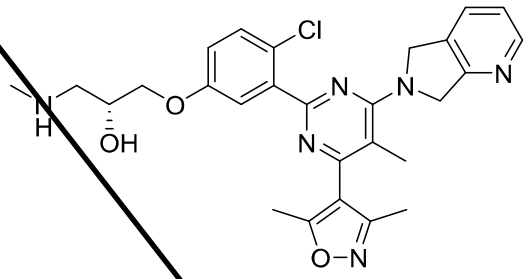
.

53. The compound of claim 51, wherein the compound is a pharmaceutically acceptable salt of:



.

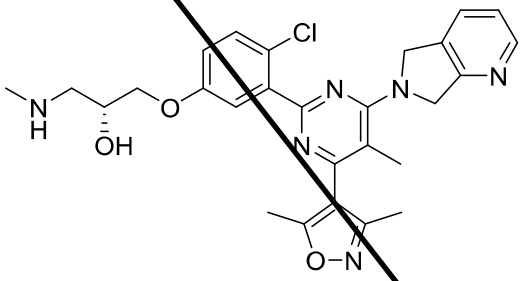
54. A compound of formula:



,

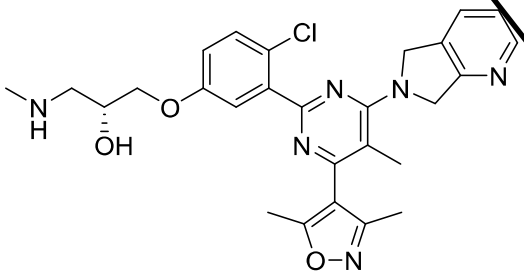
or a pharmaceutically acceptable salt thereof.

55. The compound of claim 54, wherein the compound is:



.

56. The compound of claim 54, wherein the compound is a pharmaceutically acceptable salt of:



.

57. A pharmaceutical composition comprising a compound of any one of claims 1–47, and a pharmaceutically acceptable excipient.

58. A pharmaceutical composition comprising a compound of claim 48, and a pharmaceutically acceptable excipient.

59. A pharmaceutical composition comprising a compound of claim 49, and a pharmaceutically acceptable excipient.

60. A pharmaceutical composition comprising a compound of claim 50, and a pharmaceutically acceptable excipient.

61. A pharmaceutical composition comprising a compound of claim 51, and a pharmaceutically acceptable excipient.

62. A pharmaceutical composition comprising a compound of claim 52, and a pharmaceutically acceptable excipient.

63. A pharmaceutical composition comprising a compound of claim 53, and a pharmaceutically acceptable excipient.

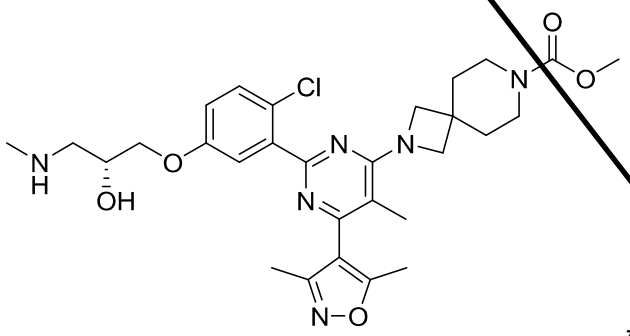
64. A pharmaceutical composition comprising a compound of claim 54, and a pharmaceutically acceptable excipient.

65. A pharmaceutical composition comprising a compound of claim 55, and a pharmaceutically acceptable excipient.

66. A pharmaceutical composition comprising a compound of claim 56, and a pharmaceutically acceptable excipient.

67. A kit or packaged pharmaceutical comprising a compound of any one of claims 1–56 or a pharmaceutically acceptable salt thereof, and instructions for use thereof.

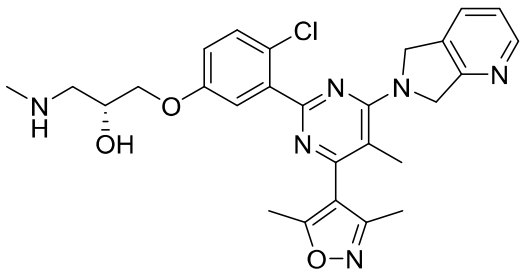
68. The kit or packaged pharmaceutical of claim 67, wherein the compound is



,

or a pharmaceutically acceptable salt thereof.

69. The kit or packaged pharmaceutical of claim 67, wherein the compound is



,

or a pharmaceutically acceptable salt thereof.

70. Use of a compound of any one of claims 1–56 in the preparation of a medicament for use in treating a CARM1-mediated disorder.

71. The use of claim 70, wherein the disorder is a proliferative disorder.

72. The use of claim 71, wherein the disorder is cancer.

73. The use of claim 72, wherein the cancer is associated with E2F1 upregulation.

74. The use of claim 71 or 72, wherein the cancer is associated with aberrant CARM1 activity.

75. The use of any one of claims 72-74, wherein the cancer is breast cancer, prostate cancer, or colorectal cancer.

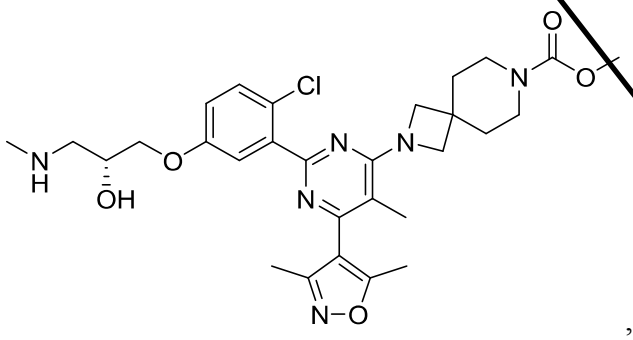
76. The use of any one of claims 72-74, wherein the cancer is ERα-dependent breast cancer.

77. The use of any one of claims 72-74, wherein the cancer is castration-resistant prostate cancer.

78. The use of any one of claims 72-74, wherein the cancer is colorectal cancer associated with dysregulated WNT/β-catenin signaling.

79. The use of claim 70, wherein the disorder is a metabolic disorder.

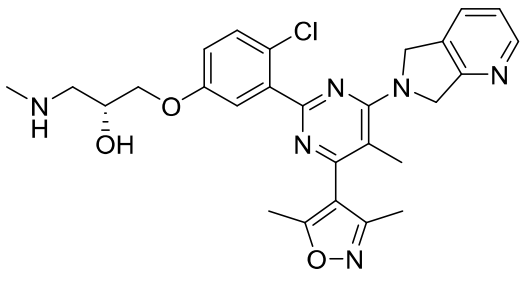
80. The use of any one of claims 70-79, wherein the compound is



,

or a pharmaceutically acceptable salt thereof.

81. The use of any one of claims 70-79, wherein the compound is



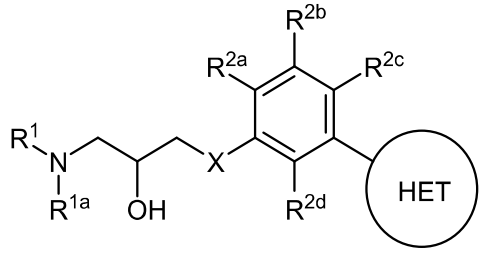
,

or a pharmaceutically acceptable salt thereof.

Claims

What is claimed is

1. A compound of Formula (**I**):



(I)

or a pharmaceutically acceptable salt thereof;

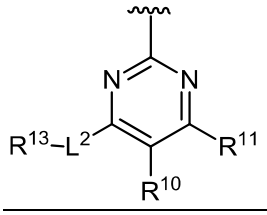
wherein:

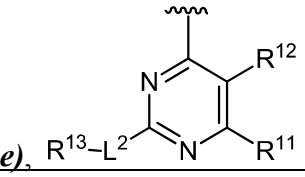
X is –O–;

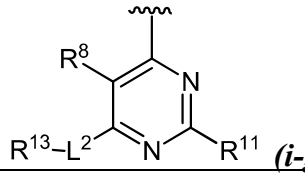
R^1 and R^{1a} are each independently hydrogen or optionally substituted C_{1-4} alkyl;

each of R^{2a}, R^{2b}, R^{2c}, and R^{2d} is independently hydrogen, halogen, –CN, $–NO_2$, $–C(=O)R^{A2}$, $–C(=O)OR^{A2}$, $–C(=O)N(R^{A2})_2$, $–OR^{A2}$, $–SR^{A2}$, $–N(R^{A2})_2$, $–S(=O)R^{A2}$, $–S(=O)_2R^{A2}$, optionally substituted C_{1-6} alkyl, optionally substituted C_{2-6} alkenyl, optionally substituted C_{2-6} alkynyl, optionally substituted carbocyclyl, optionally substituted heterocyclyl, wherein each instance of R^{A2} is independently hydrogen, optionally substituted C_{1-6} alkyl, optionally substituted C_{2-6} alkenyl, optionally substituted C_{2-6} alkynyl, optionally substituted carbocyclyl, optionally substituted heterocyclyl, optionally substituted aryl, or optionally substituted heteroaryl, or two R^{A2} groups attached to the same nitrogen atom are joined to form an optionally substituted heterocyclyl or optionally substituted heteroaryl ring;

Ring HET is a 6-membered monocyclic heteroaryl ring system of the Formula:



(i-e), 

(i-f), or 

(i-g);

each instance of R^8, R^{10}, R^{11}, and R^{12} is independently selected from the group consisting of hydrogen, halo, –CN, $–NO_2$, –C(=O)R′, –C(=O)OR′, $–C(=O)N(R')_2$, optionally substituted C_{1-6} alkyl, optionally substituted C_{3-4}cycloalkyl, and $–L^1$-R^3;

each instance of R′ is independently hydrogen, optionally substituted C_{1-6} alkyl, optionally substituted C_{2-6} alkenyl, optionally substituted C_{2-6} alkynyl, optionally substituted carbocyclyl, optionally substituted heterocyclyl, optionally substituted aryl, or optionally substituted heteroaryl, or two R′ groups attached to the same nitrogen are joined to form an optionally substituted heterocyclyl ring or optionally substituted heteroaryl ring;

each instance of L^1 and L^2 is independently a bond, –O–, –N(R^L)–, –S–, –C(O)–, –C(O)O–, –C(O)S–, –C(O)N(R^L)–, –C(O)N(R^L)N(R^L)–, –OC(O)–, –OC(O)N(R^L)–, –NR^LC(O)–, –NR^LC(O)N(R^L)–, –NR^LC(O)N(R^L)N(R^L)–, –NR^LC(O)O–, –SC(O)–, –C(=NR^L)–, –C(=NNR^L)–, –C(=NOR^L)–, –C(=N R^L)N(R^L)–, –NR^LC(=NR^L)–, –C(S)–, –C(S)N(R^L)–, –NR^LC(S)–, –S(O)–, –OS(O)$_2$–, –S(O)$_2$O–, –SO$_2$–, –N(R^L)SO$_2$–, –SO$_2$N(R^L)–, –N(R^L)SO$_2$N(R^L)–, or an optionally substituted $C_{1–10}$ saturated or unsaturated hydrocarbon chain, wherein one or more moieties selected from the group consisting of –O–, –N(R^L)–, –S–, –C(O)–, –C(O)O–, –C(O)S–, –C(O)N(R^L)–, –C(O)N(R^L)N(R^L)–, –OC(O)–, –OC(O)N(R^L)–, –NR^LC(O)–, –NR^LC(O)N(R^L)–, –NR^LC(O)N(R^L)N(R^L)–, –NR^LC(O)O–, –SC(O)–, –C(=NR^L)–, –C(=NNR^L)–, –C(=NOR^L)–, –C(=N R^L)N(R^L)–, –NR^LC(=NR^L)–, –C(S)–, –C(S)N(R^L)–, –NR^LC(S)–, –S(O)–, –OS(O)$_2$–, –S(O)$_2$O–, –SO$_2$–, –N(R^L)SO$_2$–, –SO$_2$N(R^L)–, and –N(R^L)SO$_2$N(R^L)– is optionally and independently present between two carbon atoms of the hydrocarbon chain, and optionally and independently present at one or both ends of the hydrocarbon chain;

each R^L is independently hydrogen, optionally substituted C_{1-6} alkyl, or a nitrogen protecting group, or R^L and R^3 taken together form an optionally substituted heterocyclyl or optionally substituted heteroaryl ring, or R^L and R^{13} taken together form an optionally substituted heterocyclyl or optionally substituted heteroaryl ring;

R^3 is hydrogen, optionally substituted C_{1-6} alkyl, optionally substituted C_{2-6} alkenyl, optionally substituted C_{2-6} alkynyl, optionally substituted carbocyclyl, optionally substituted heterocyclyl, optionally substituted aryl, or optionally substituted heteroaryl, provided when R^3 is hydrogen, then L^1 is not a bond; and

R^{13} is optionally substituted carbocyclyl, optionally substituted heterocyclyl, optionally substituted aryl, or optionally substituted heteroaryl,

wherein, and unless otherwise specified,

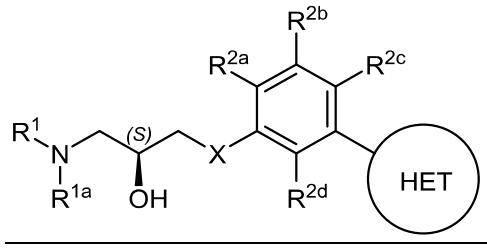
heterocyclyl or heterocyclic refers to a radical of a 3–10 membered non–aromatic ring system having ring carbon atoms and 1–4 ring heteroatoms, wherein each heteroatom is independently selected from nitrogen, oxygen, and sulfur;

carbocyclyl or carbocyclic refers to a radical of a non–aromatic cyclic hydrocarbon group having from 3 to 10 ring carbon atoms and zero heteroatoms in the non–aromatic ring system;

aryl refers to a radical of a monocyclic or polycyclic 4n+2 aromatic ring system having 6–14 ring carbon atoms and zero heteroatoms provided in the aromatic ring system; and

heteroaryl refers to a radical of a 5–10 membered monocyclic or bicyclic 4n+2 aromatic ring system having ring carbon atoms and 1–4 ring heteroatoms provided in the aromatic ring system, wherein each heteroatom is independently selected from nitrogen, oxygen and sulfur.

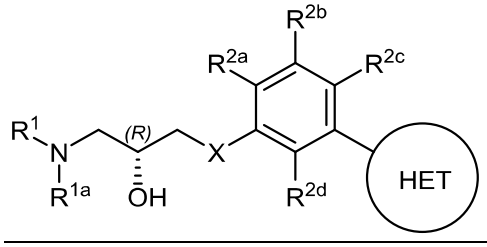
2. The compound of claim 1, wherein the compound of Formula (**I**) is of Formula (**I-a**):



(I-a)

or a pharmaceutically acceptable salt thereof.

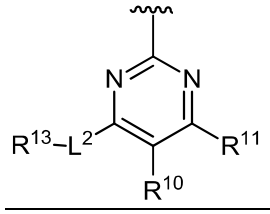
3. The compound of claim 1, wherein the compound of Formula (**I**) is of Formula (**I-b**):



(I-b)

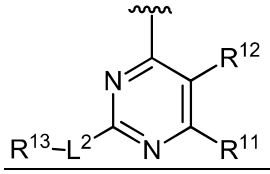
or a pharmaceutically acceptable salt thereof.

4. The compound of any one of claims 1-3, wherein Ring HET is:



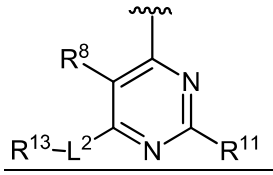
(i-e).

5. The compound of any one of claims 1-3, wherein Ring HET is:



(i-f).

6. The compound of any one of claims 1-3, wherein Ring HET is:



(i-g).

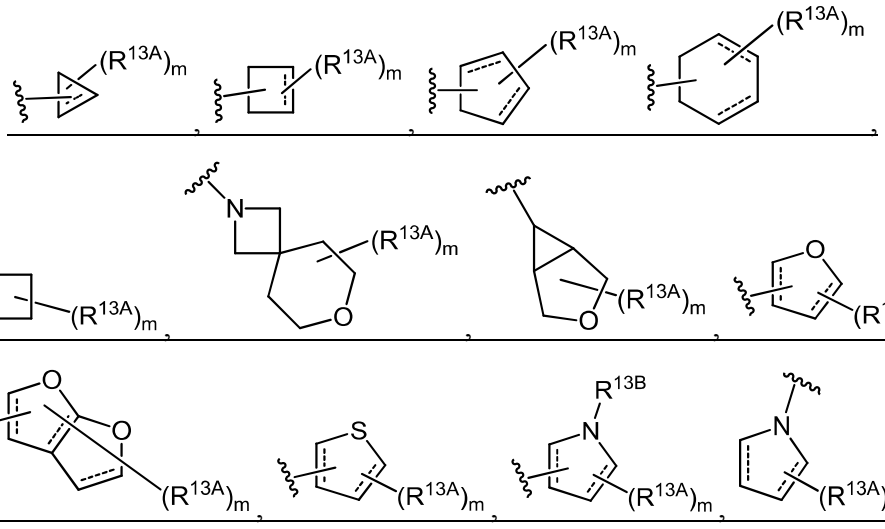
7. The compound of any one of claims 1-6, wherein R^1 is hydrogen, methyl, ethyl, n–propyl, isopropyl, or cyclopropyl.

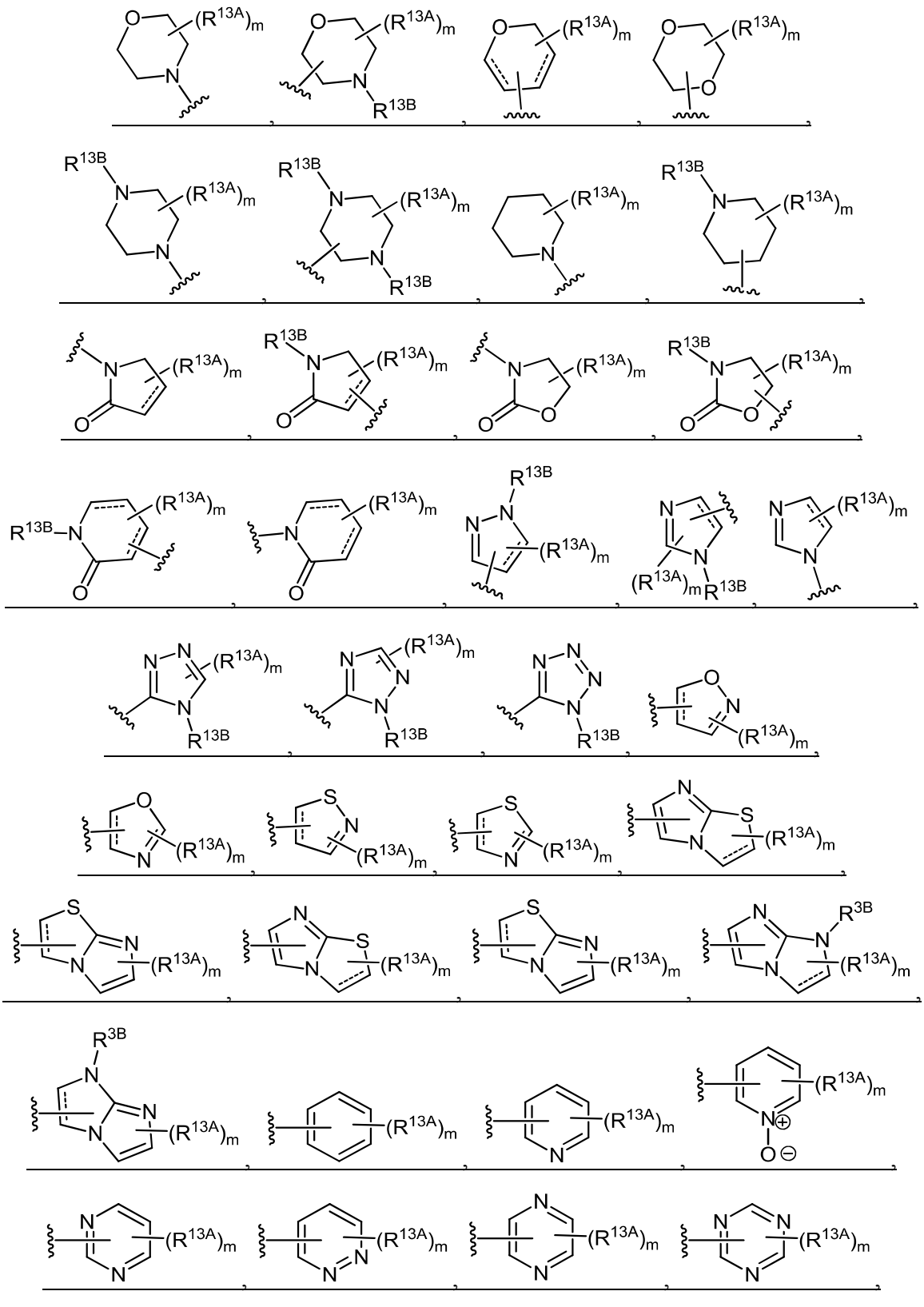
8. The compound of any one of claims 1-7, wherein R^{2a}, R^{2b}, and R^{2d} are hydrogen.

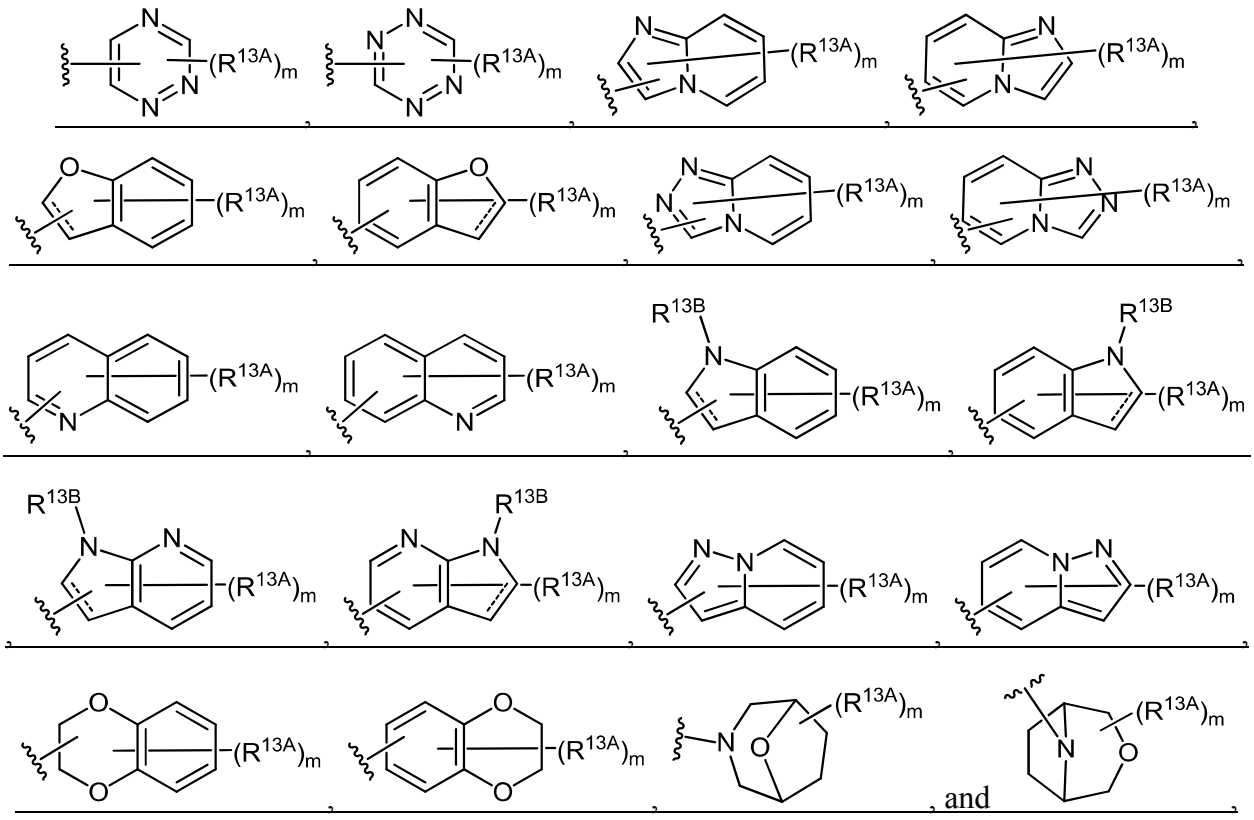
9. The compound of any one of claims 1-7, wherein at least one of R^{2a}, R^{2b}, R^{2c}, and R^{2d} is halo.

10. The compound of any one of claims 1-9, wherein L^2 is a bond, $–N(R^L)–$, $–NR^LC(O)O–$, $–NR^LC(O)N(R^L)–$, $–N(R^L)–$, $–N(R^L)SO_2N(R^L)–$, $-NR^L-(CH_2)_x-C(O)O-$, $-NR^L-(CH_2)_x-O-$, $–NR^LC(O)N(R^L)–$, $-NR^L-(CH_2)_x-$, $-(CH_2)_x-NR^L-$, $–NR^LC(O)O(CH_2)_x–$, $–NR^LC(O)NR^L(CH_2)_x–$, or $–NR^L(CH_2)_xNR^LC(O)–$, wherein x is 1, 2, 3, 4, 5, 6, 7, 8, 9, or 10.

11. The compound of any one of claims 1-10, wherein R^{13} is selected from the group consisting of:







and

wherein:

each instance of ----- independently represents a single or double bond;

m is 0, 1, 2, or 3;

each instance of R^{13A} is independently hydroxyl, substituted hydroxyl, thiol, substituted thiol, amino, substituted amino, carbonyl, sulfonyl, sulfinyl, -CN, -NO_2, halogen, optionally substituted C_{1-6} alkyl, or two R^{13A} groups are joined to form an optionally substituted carbocyclic, optionally substituted heterocyclic, optionally substituted aryl, or optionally substituted heteroaryl ring, or R^{13A} and R^{13B} group are joined to form an optionally substituted carbocyclic, optionally substituted heterocyclic, optionally substituted aryl, or optionally substituted heteroaryl ring; and

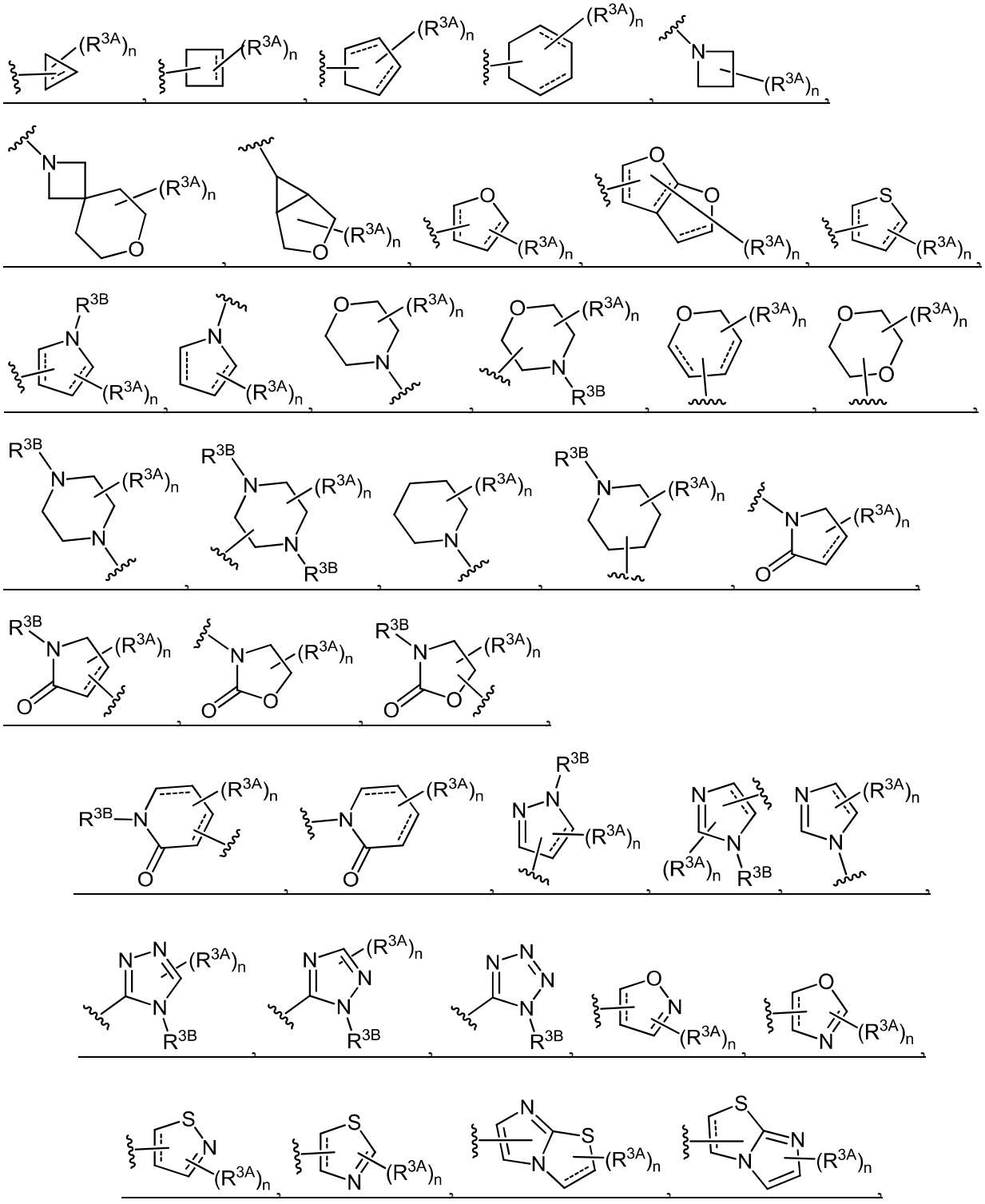
R^{3B} and R^{13B} are independently hydrogen, optionally substituted C_{1-6} alkyl, or a nitrogen protecting group.

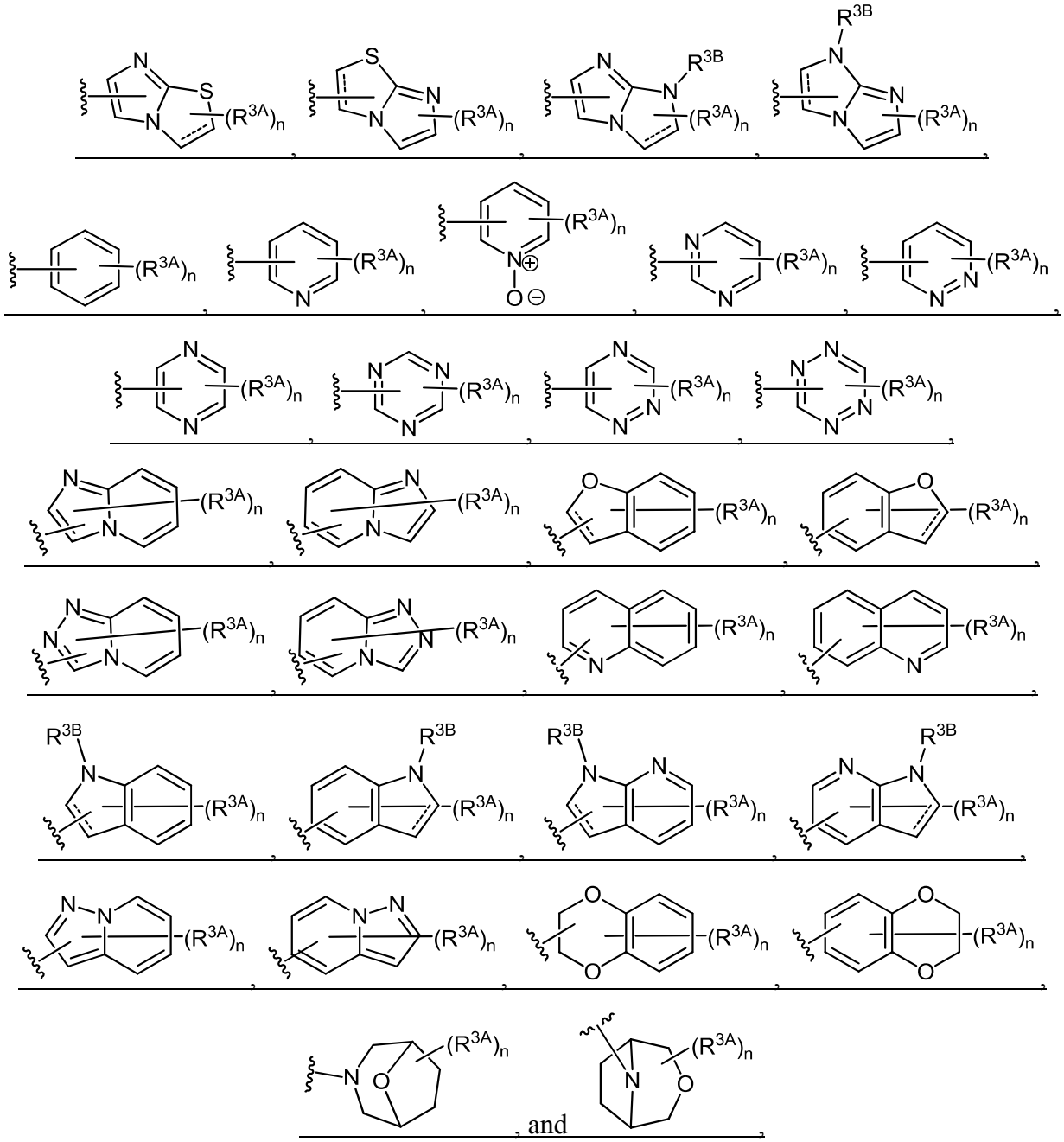
12. The compound of any one of claims 1-11, wherein Ring HET comprises a group $–L^1-R^3$ attached thereto.

13. The compound of claim 12, wherein L^1 is a bond, $–N(R^L)–$, $–NR^LC(O)O–$, $–NR^LC(O)N(R^L)–$, $–N(R^L)–$, $–N(R^L)SO_2N(R^L)–$, -NR^L-$(CH_2)_x$-C(O)O-,-NR^L-$(CH_2)_x$-O-, –

$NR^LC(O)N(R^L)$–, -NR^L-$(CH_2)_x$-, -$(CH_2)_x$-NR^L-,–$NR^LC(O)O(CH_2)_x$–, –$NR^LC(O)NR^L(CH_2)_x$–,or –$NR^L(CH_2)_xNR^LC(O)$– , wherein x is 1, 2, 3, 4, 5, 6, 7, 8, 9, or 10.

14. The compound of claim 12 or 13, wherein R^3 is selected from the group consisting of:





wherein:

each instance of ----- independently represents a single or double bond;

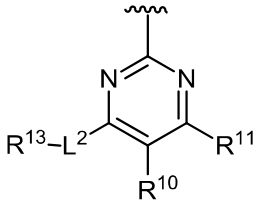
n is 0, 1, 2, or 3;

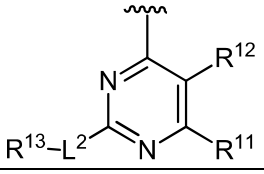
each instance of R^{3A} is independently hydroxyl, substituted hydroxyl, thiol, substituted thiol, amino, substituted amino, carbonyl, sulfonyl, sulfinyl, -CN, -NO_2, halogen, optionally substituted C_{1-6} alkyl, or two R^{3A} groups are joined to form an optionally substituted carbocyclic, optionally substituted heterocyclic, optionally substituted aryl, or optionally substituted

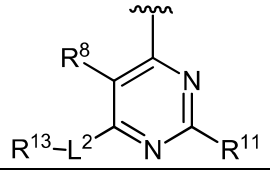
heteroaryl ring, or R^{3A} and R^{3B} groups are joined to form an optionally substituted carbocyclic, optionally substituted heterocyclic, optionally substituted aryl, or optionally substituted heteroaryl ring; and

R^{3B} is hydrogen, optionally substituted C_{1-6} alkyl, or a nitrogen protecting group.

15. The compound of any one of claims 1-3 or 7-14, wherein Ring HET is a 6-membered monocyclic heteroaryl ring system of the Formula:



(i-e), 

(i-f), or 

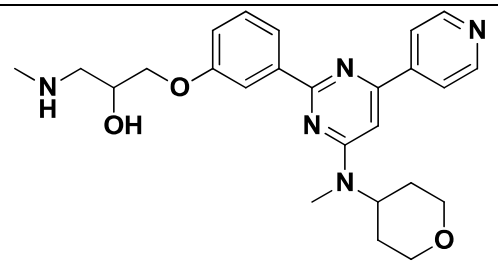
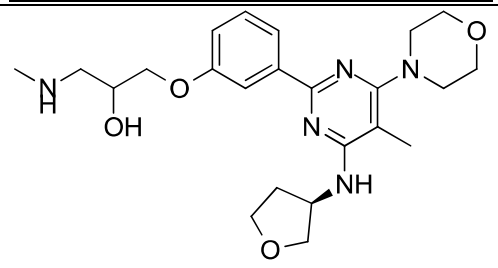
(i-g);

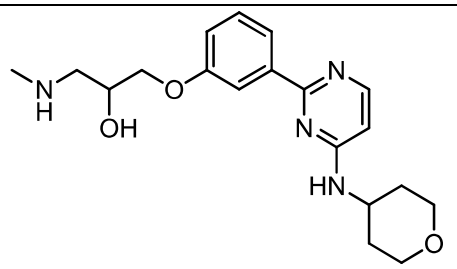
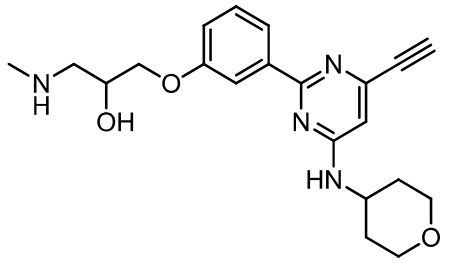
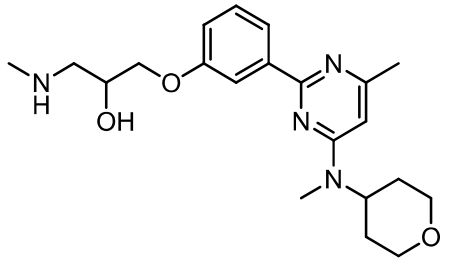
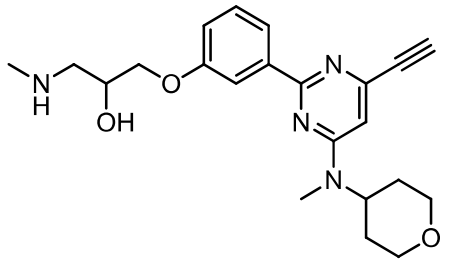
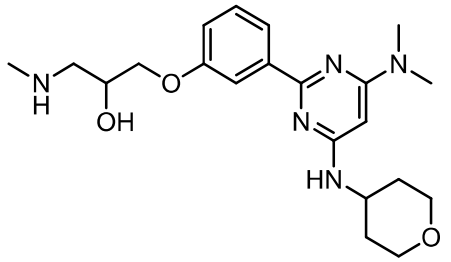
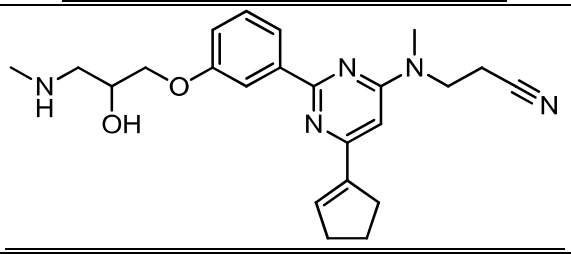
each instance of R^8, R^{10}, and R^{12} is independently selected from the group consisting of hydrogen, halo, –CN, $–NO_2$, –C(=O)R′, –C(=O)OR′, $–C(=O)N(R')_2$, and optionally substituted C_{1-6} alkyl;

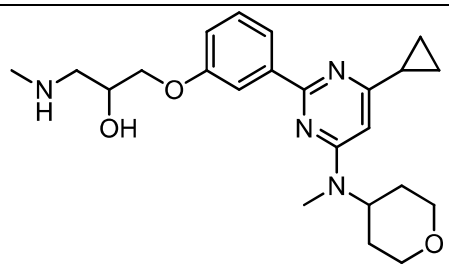
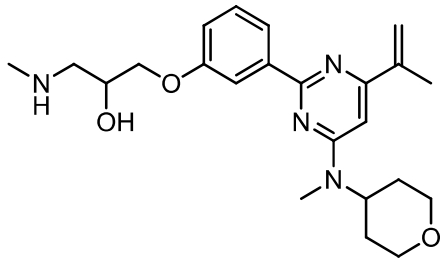
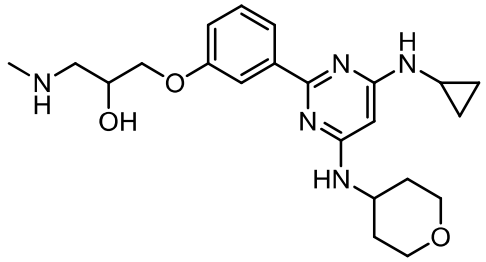
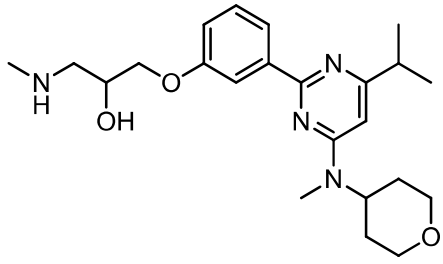
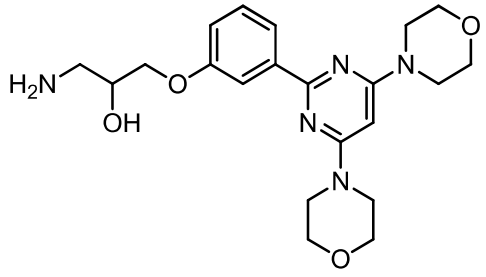
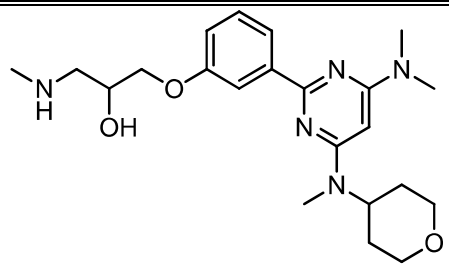
R^{11} is $–L^1$-R^3; and

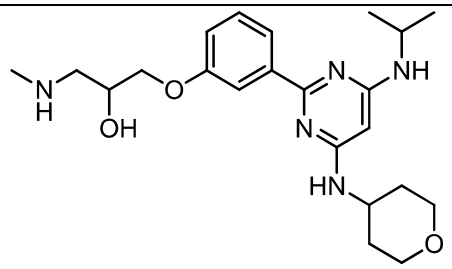
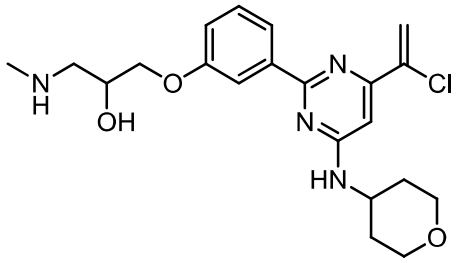
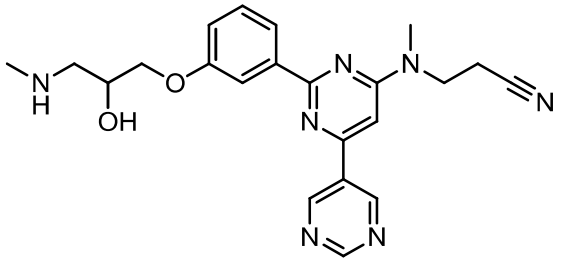
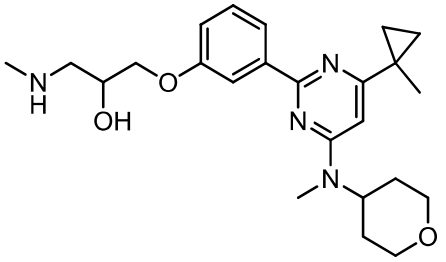
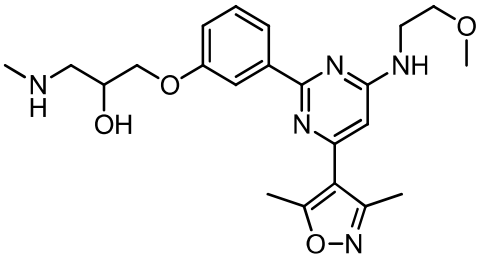
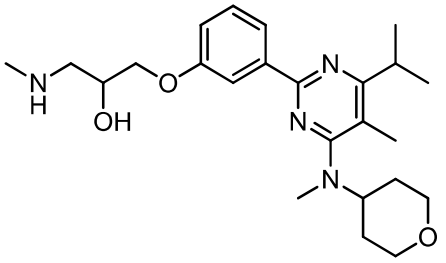
R^3 is optionally substituted C_{1-6} alkyl, optionally substituted C_{2-6} alkenyl, optionally substituted C_{2-6} alkynyl, optionally substituted carbocyclyl, optionally substituted heterocyclyl, optionally substituted aryl, or optionally substituted heteroaryl.

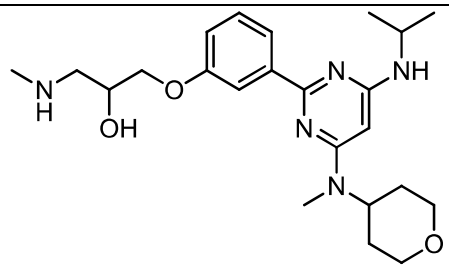
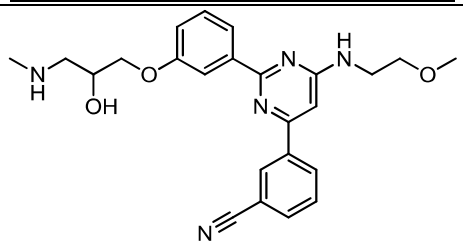
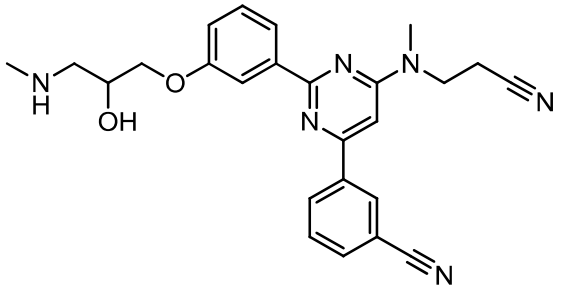
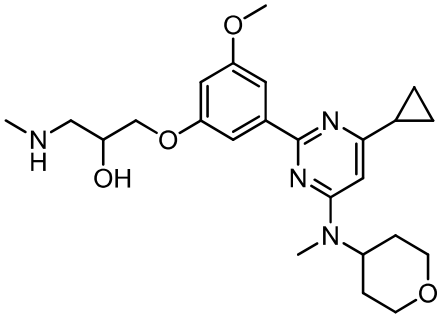
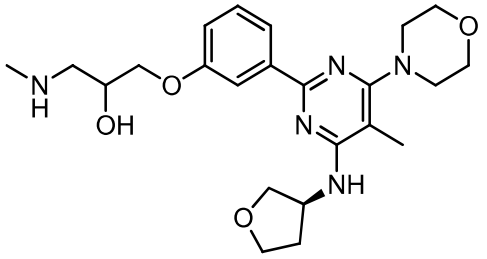
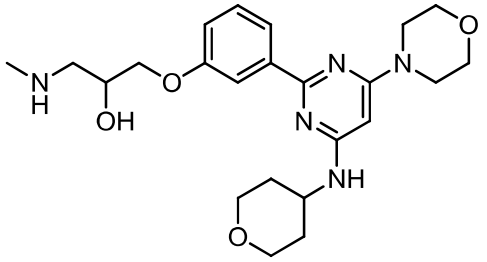
16. The compound of claim 1, wherein the compound is selected from the group consisting of:

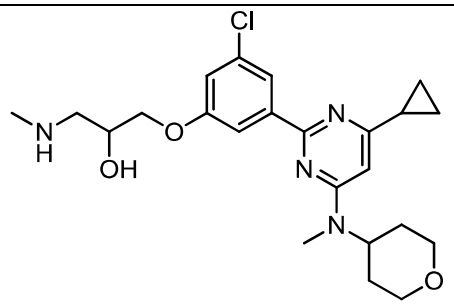
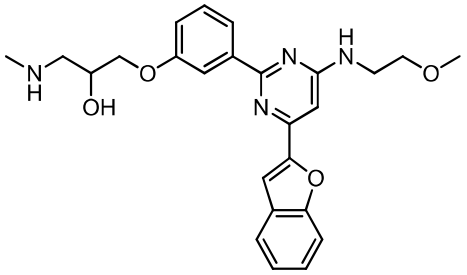
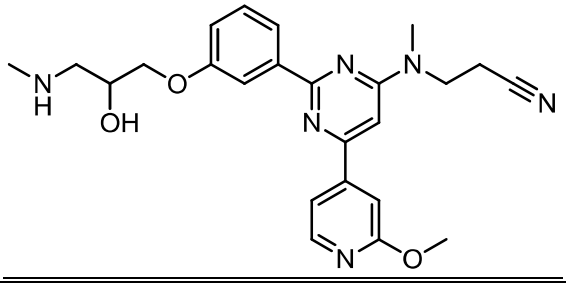
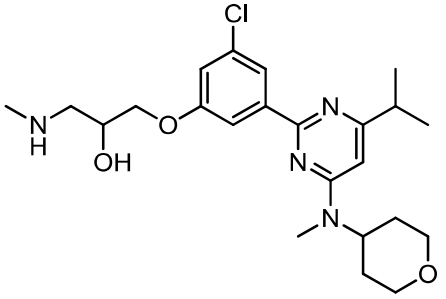
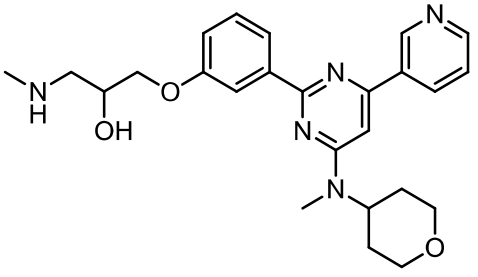
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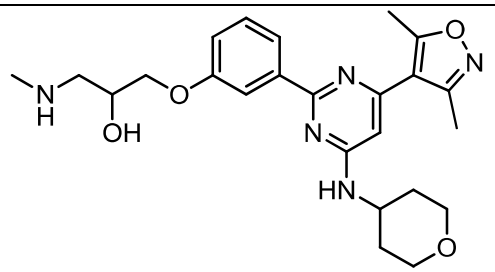
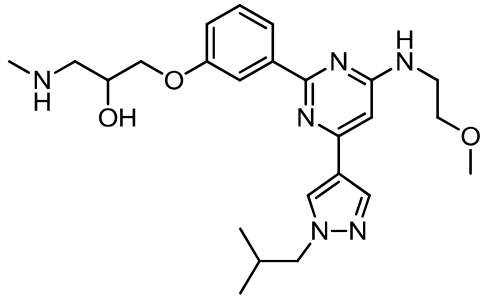
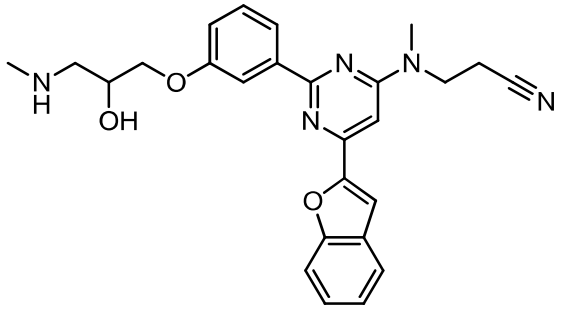
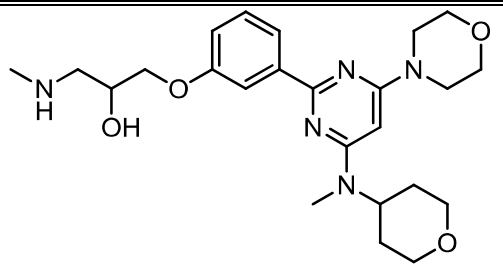
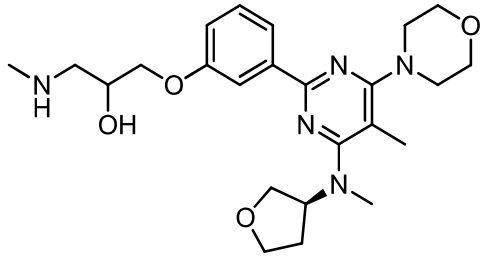
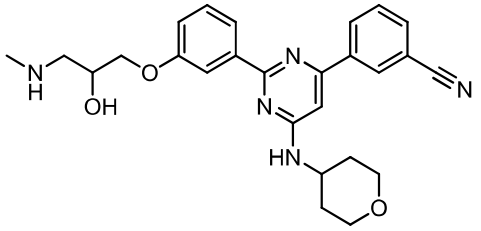
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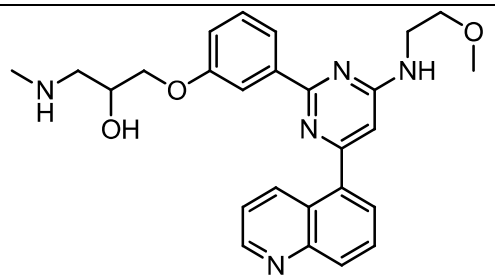
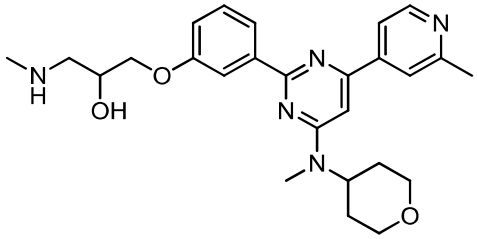
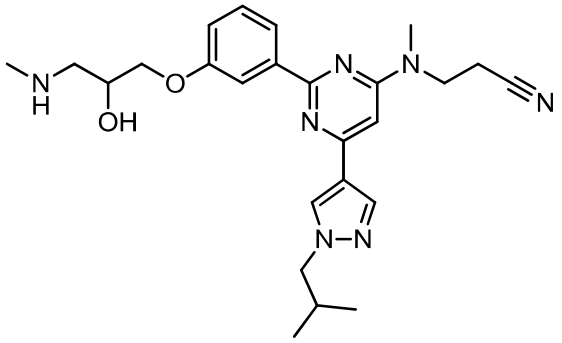
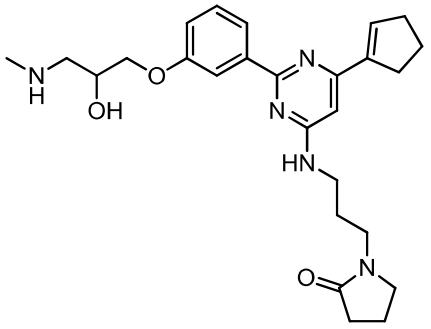
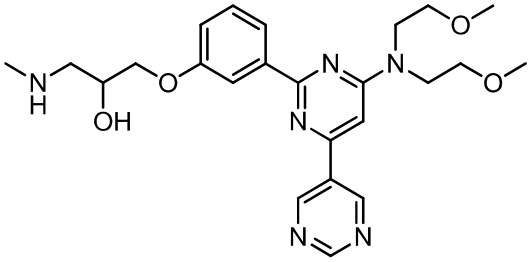
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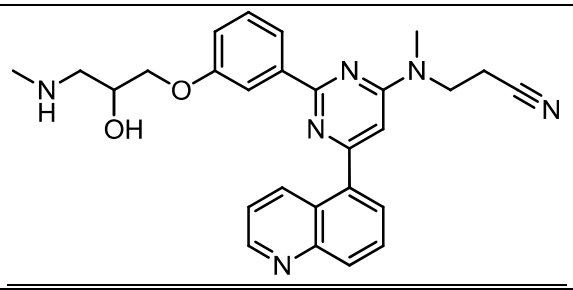
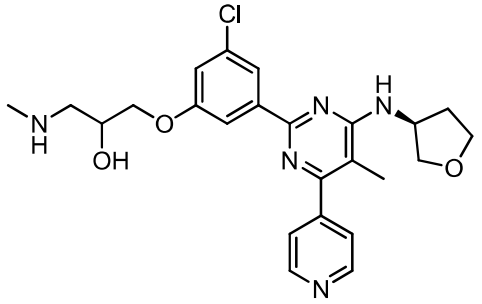
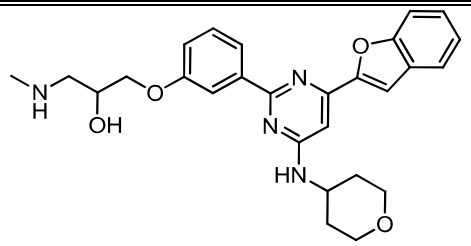
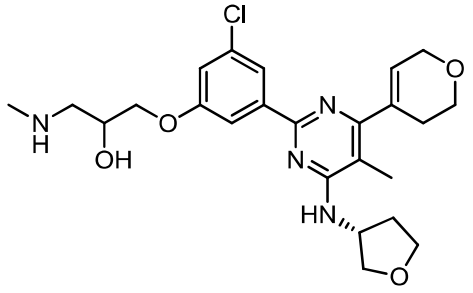
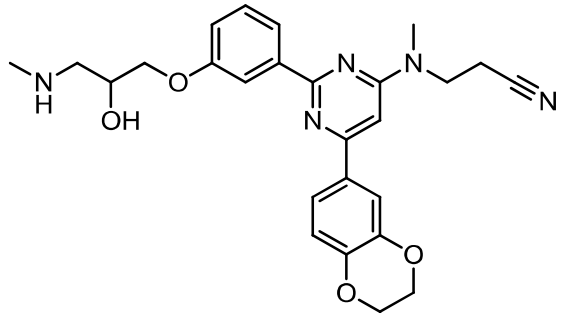
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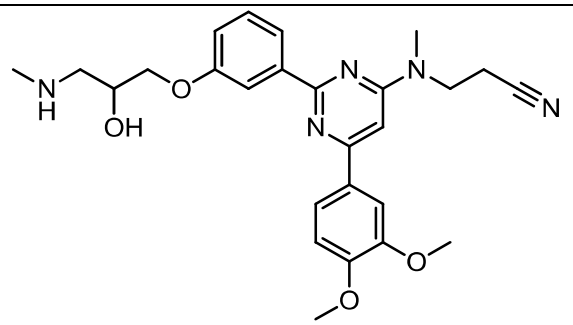
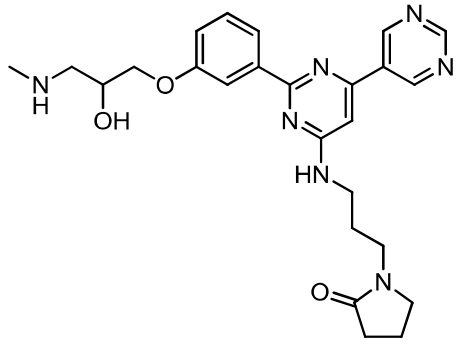
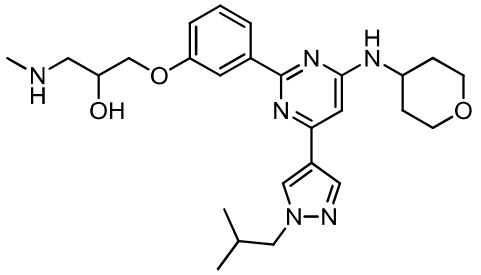
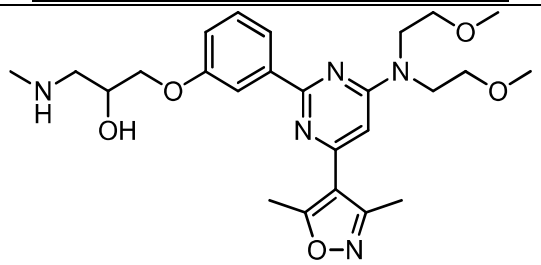
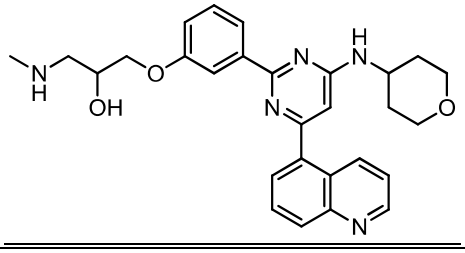
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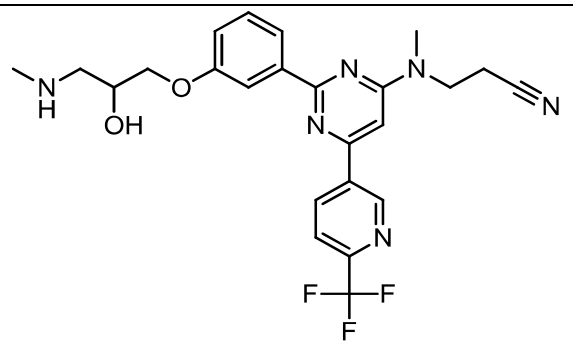
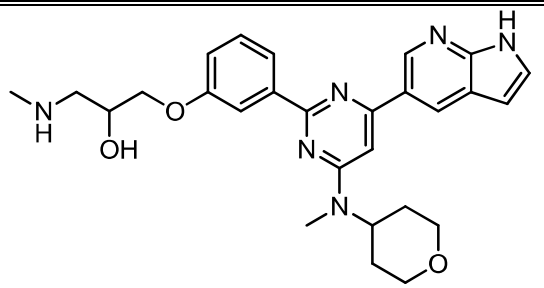
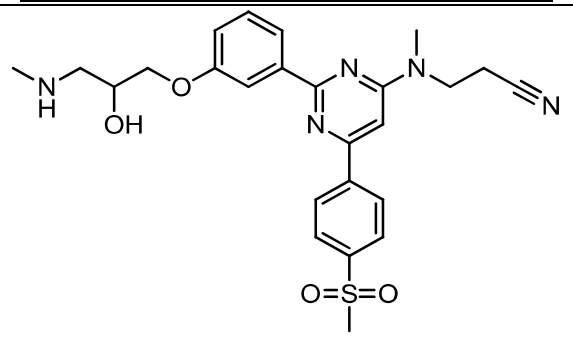
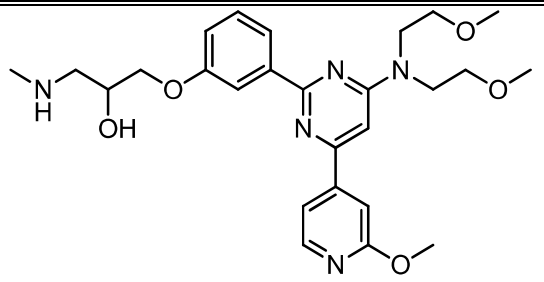
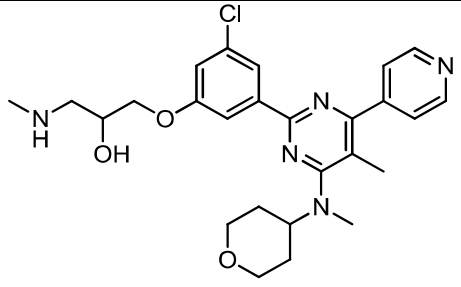
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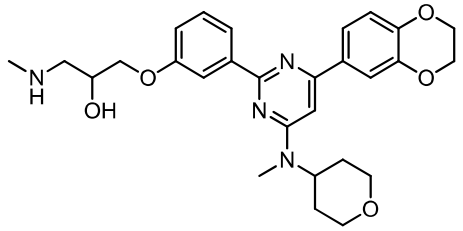
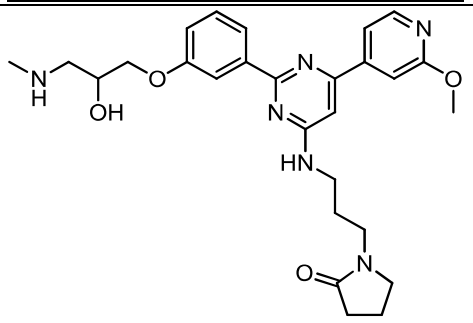
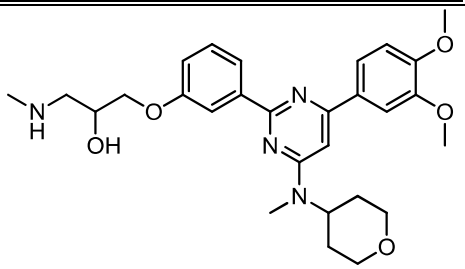
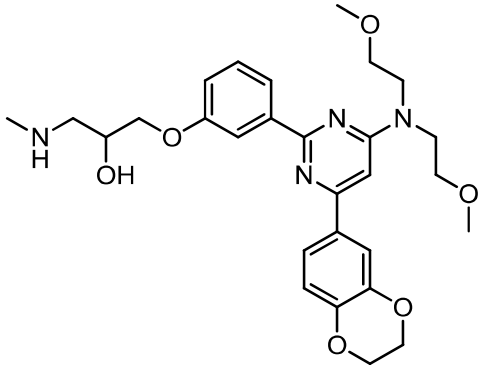
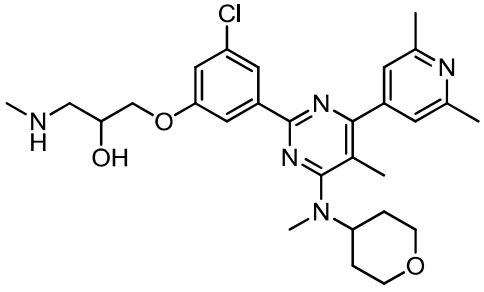
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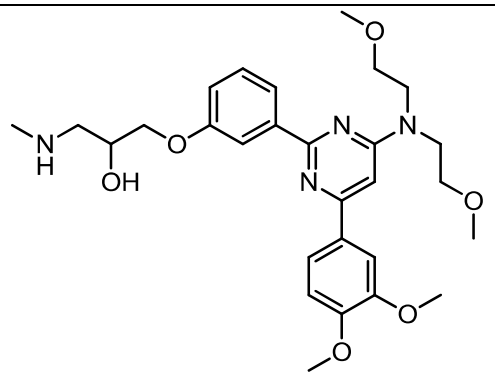
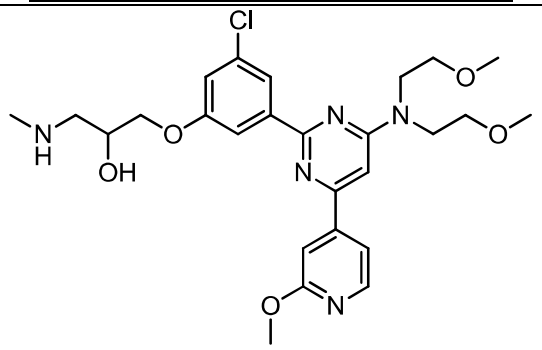
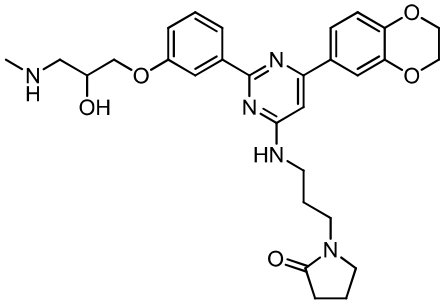
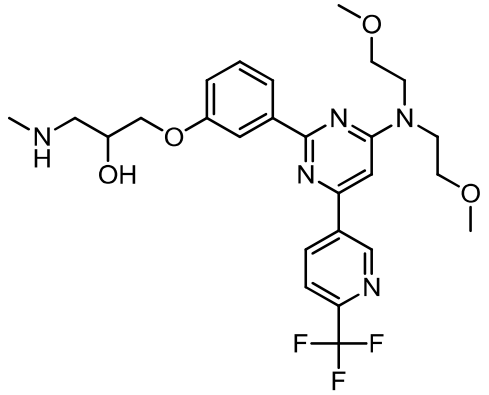
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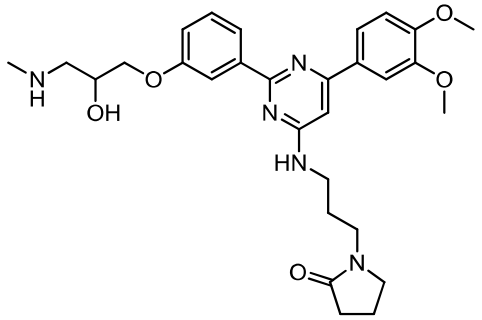
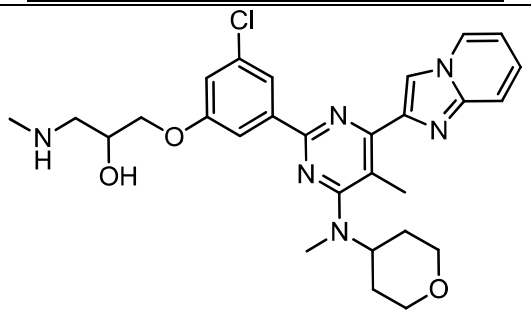
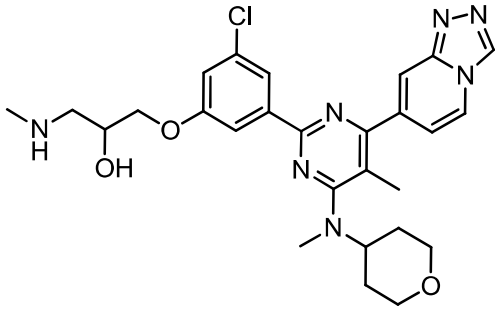
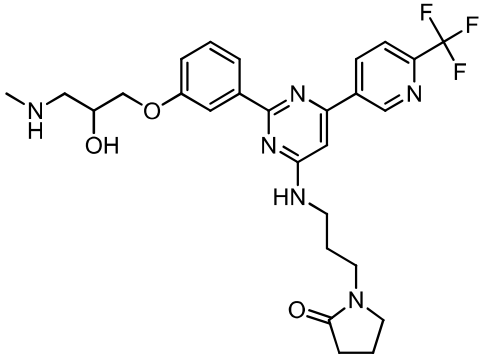
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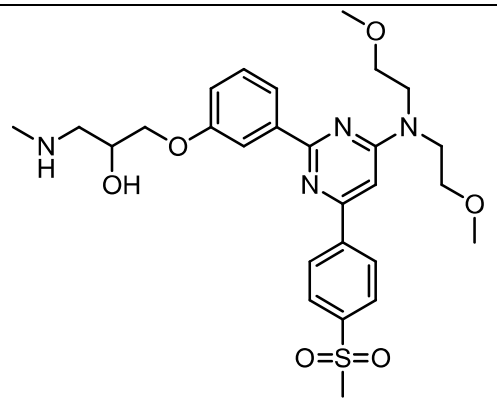
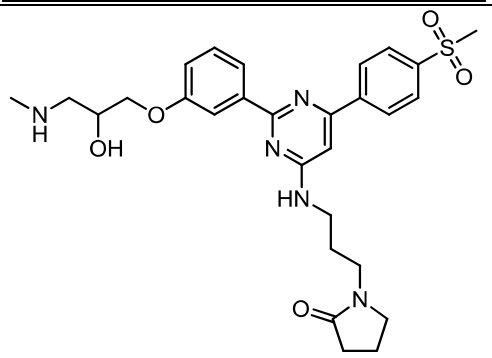
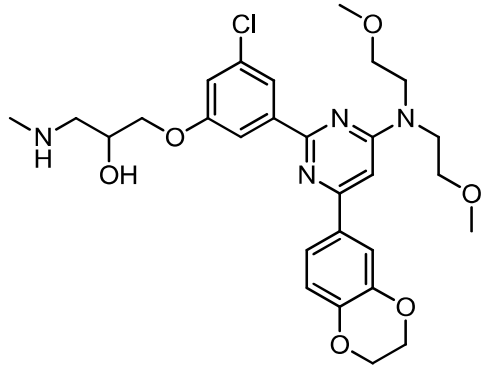
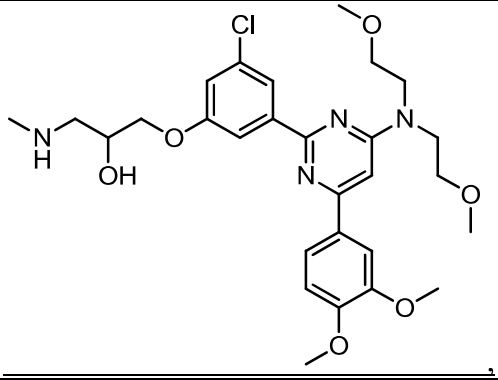
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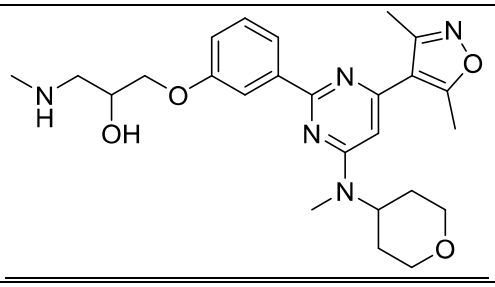
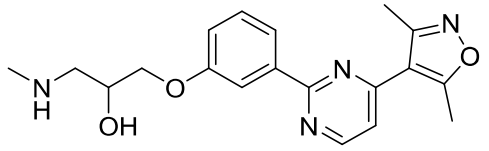
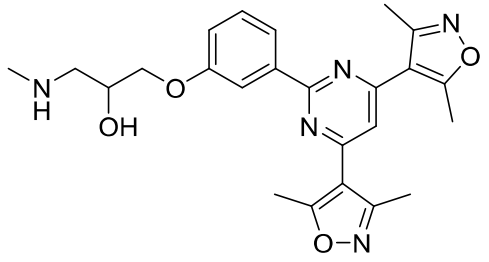
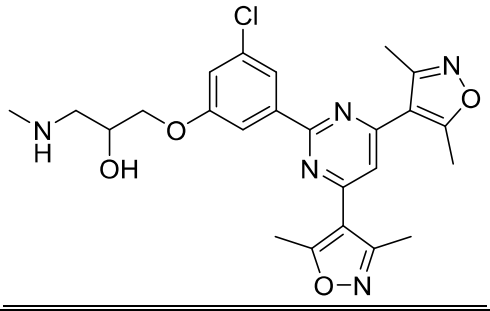
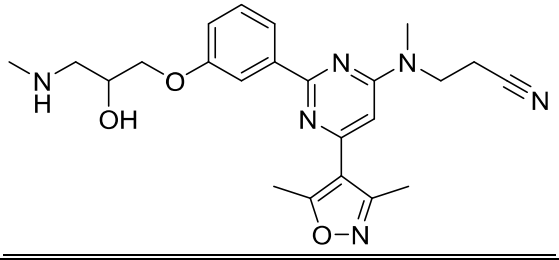
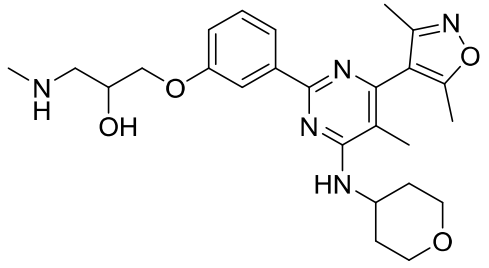
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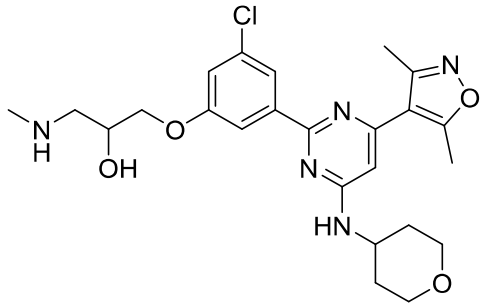
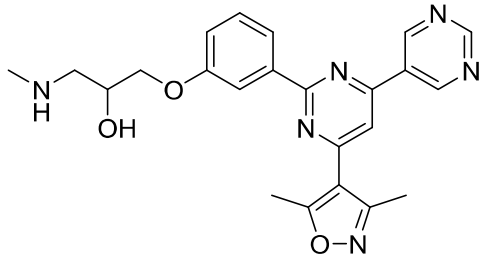
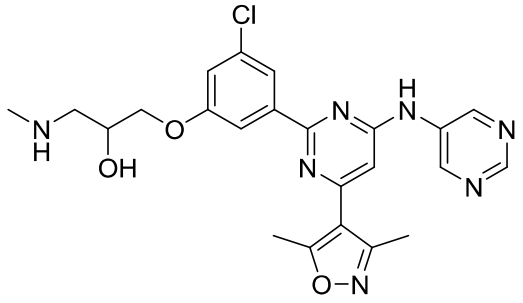
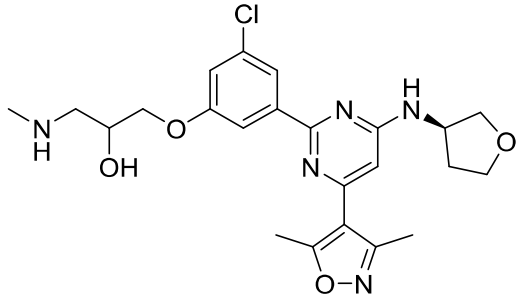
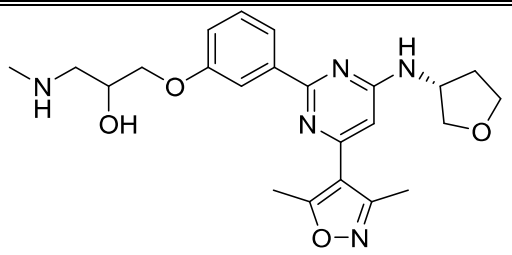
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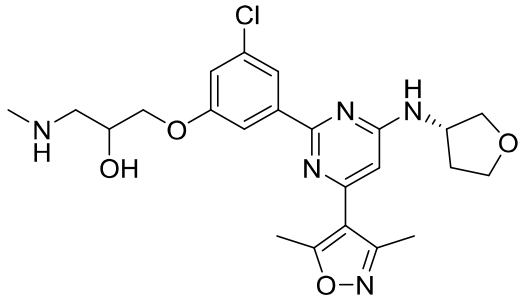
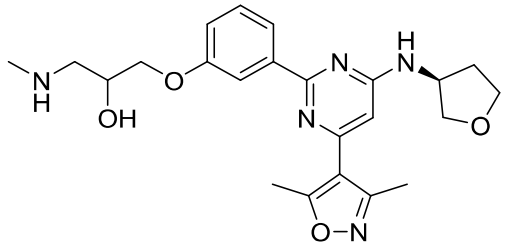
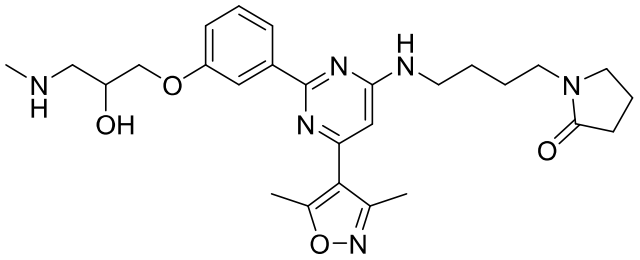
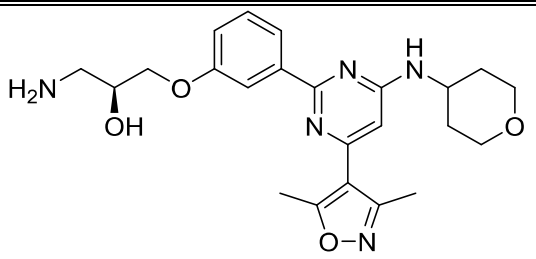
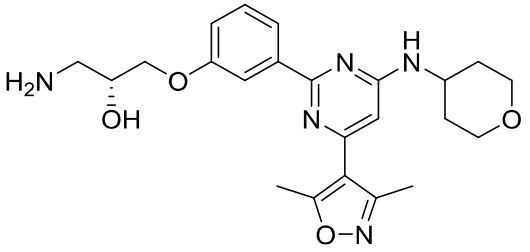
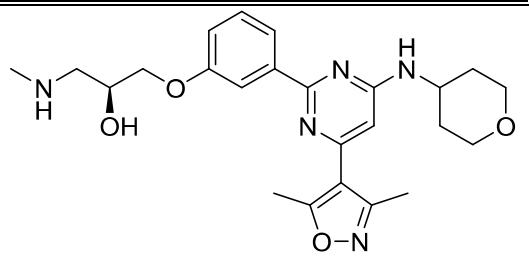
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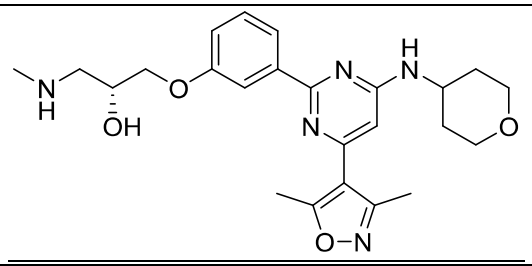
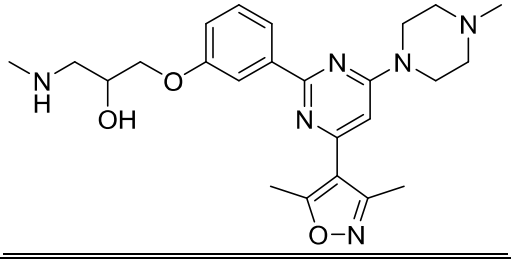
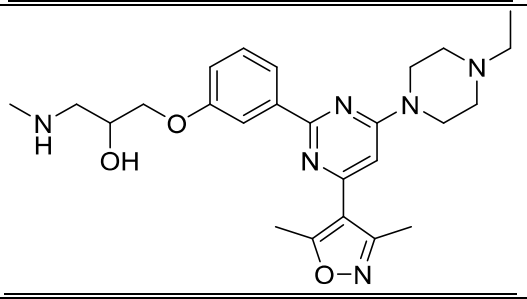
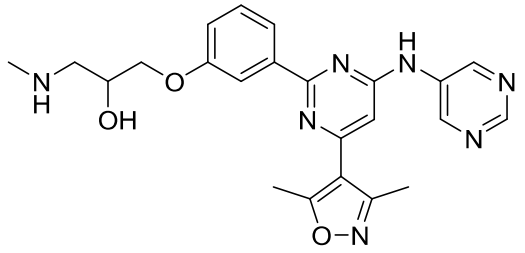
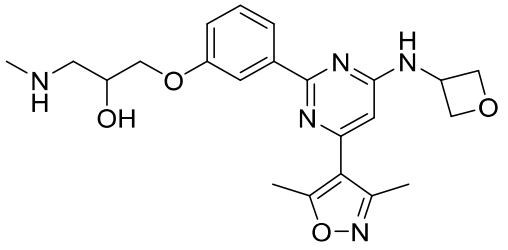
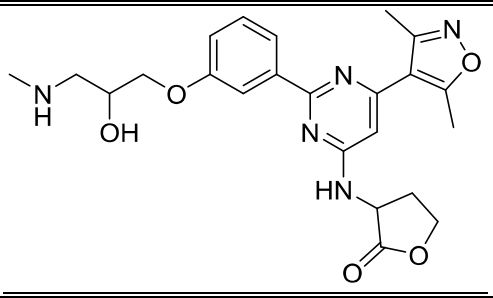
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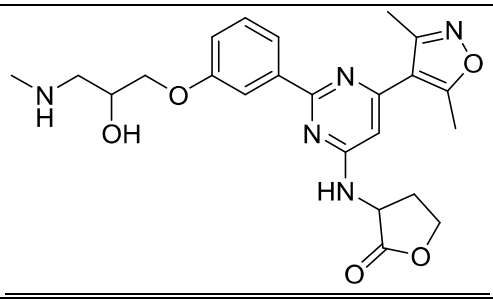
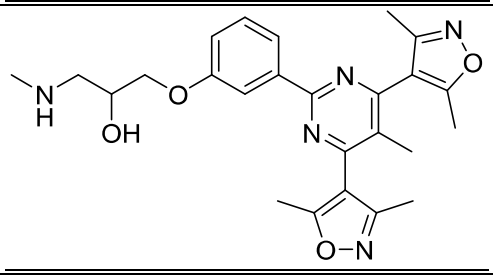
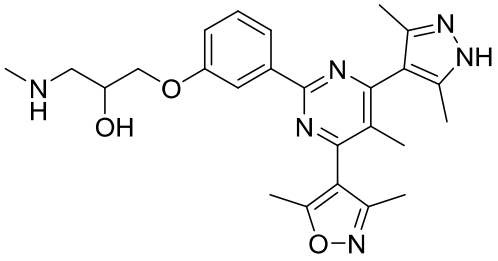
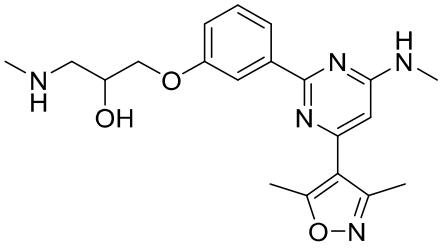
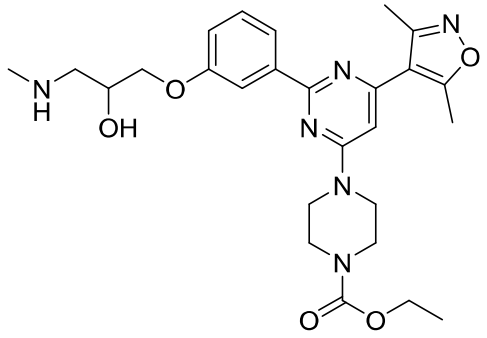
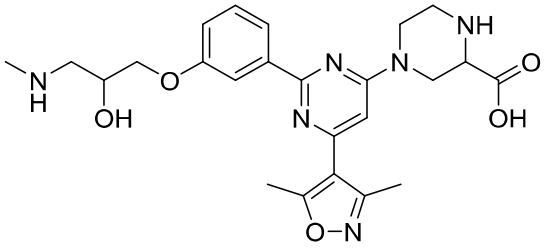
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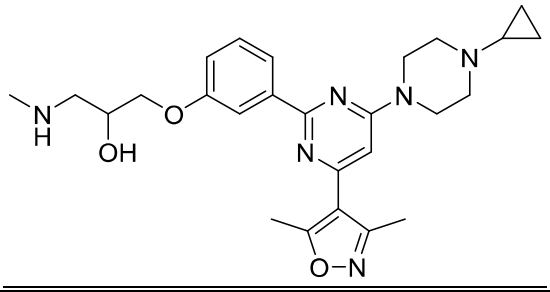
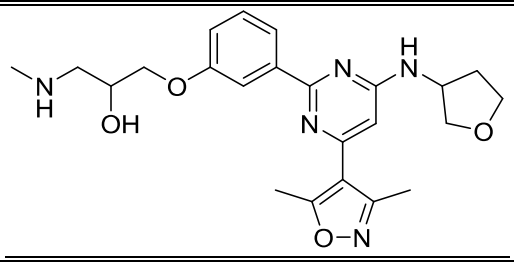
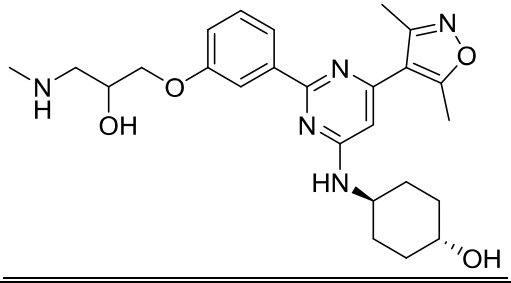
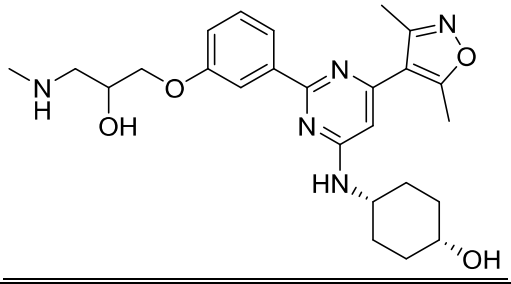
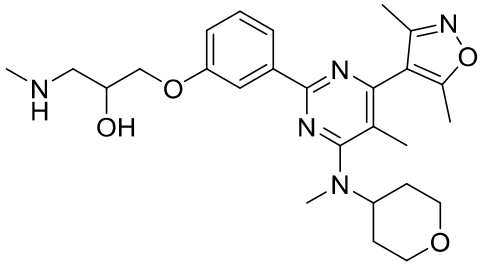
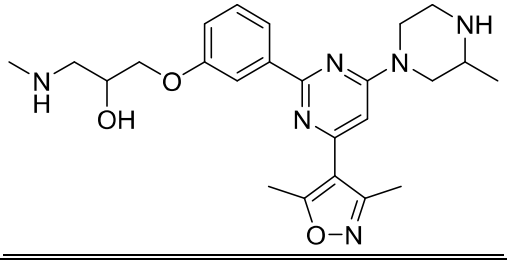
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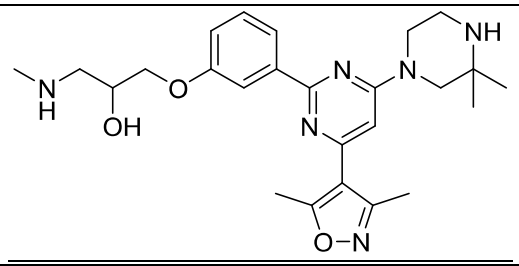
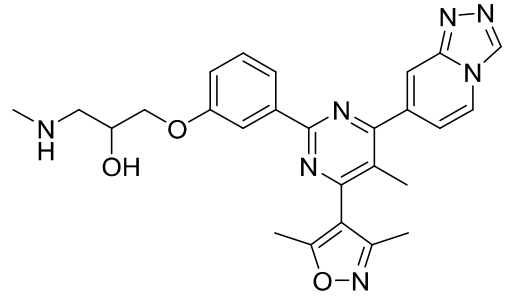
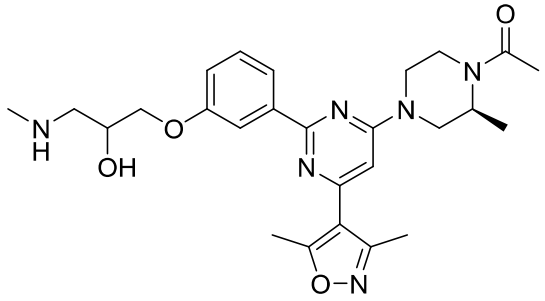
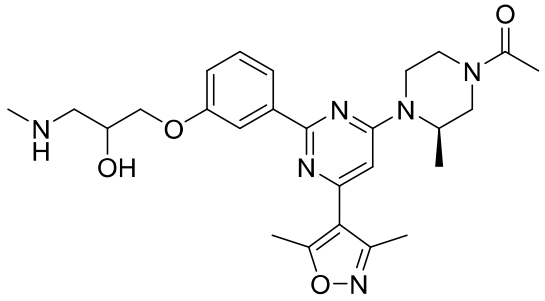
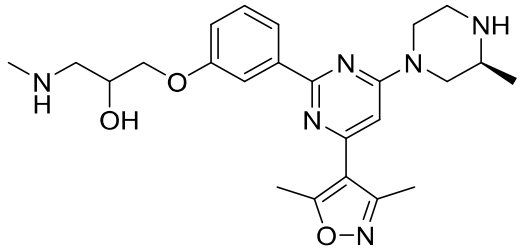
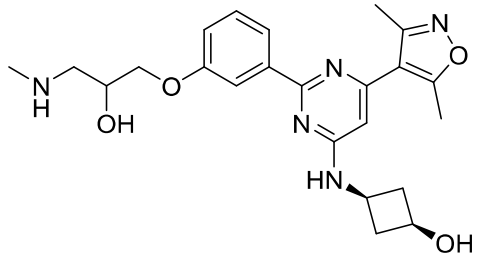
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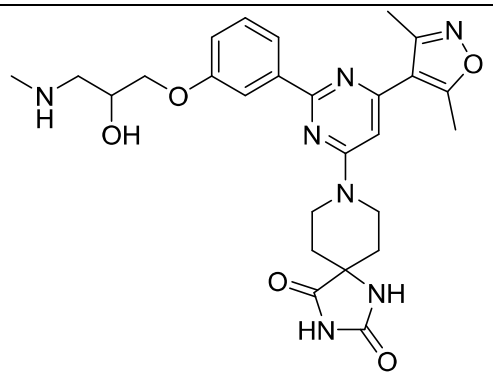
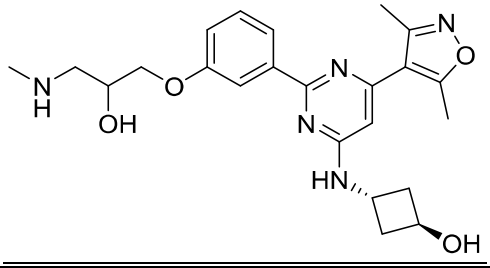
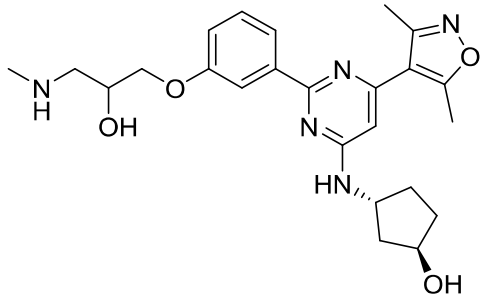
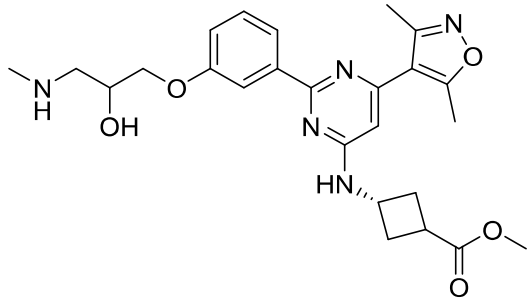
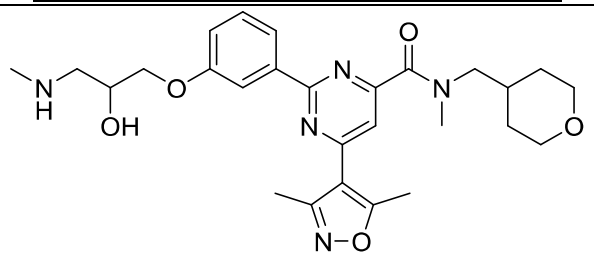
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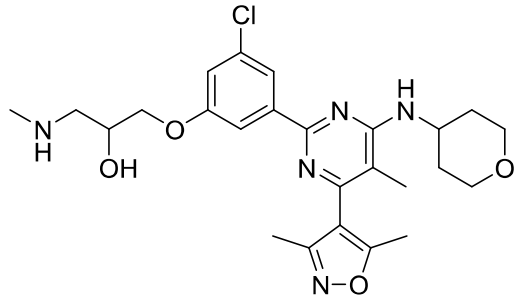
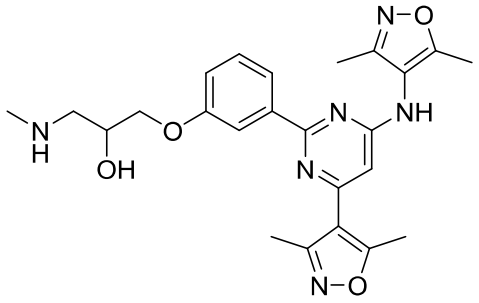
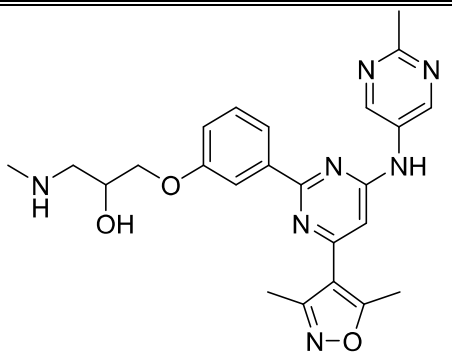
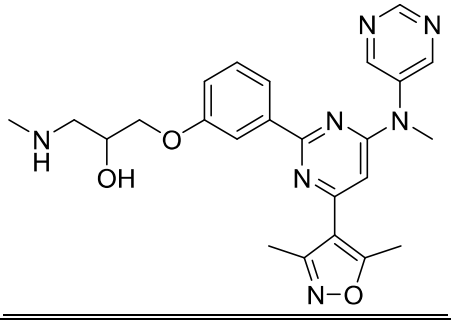
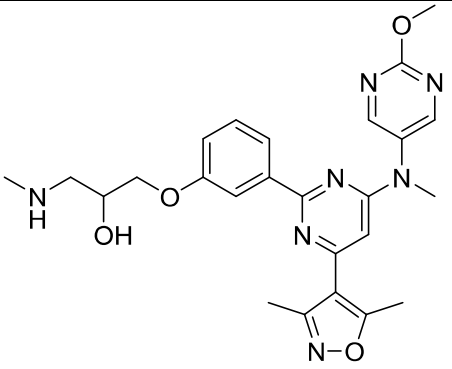
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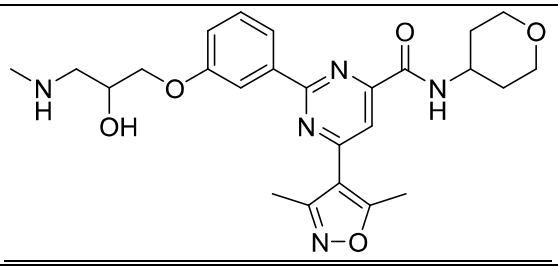
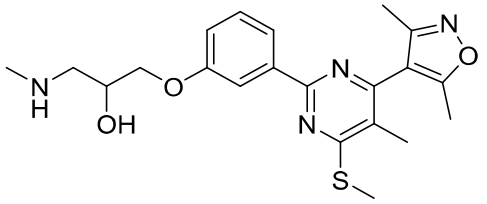
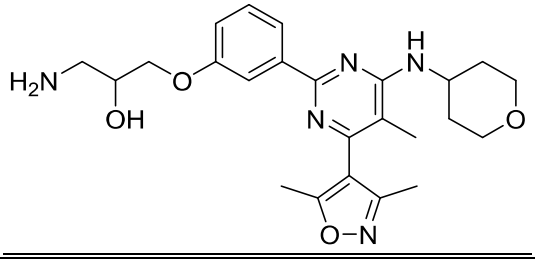
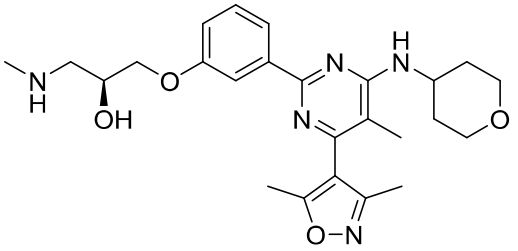
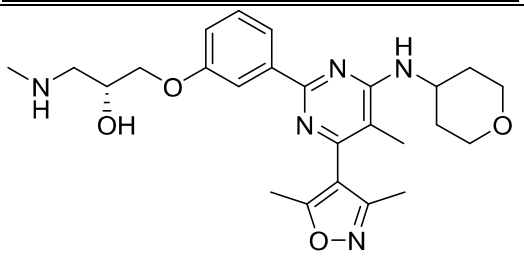
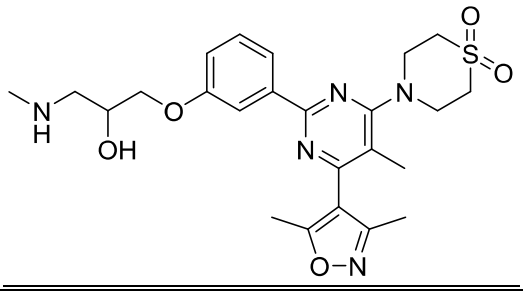
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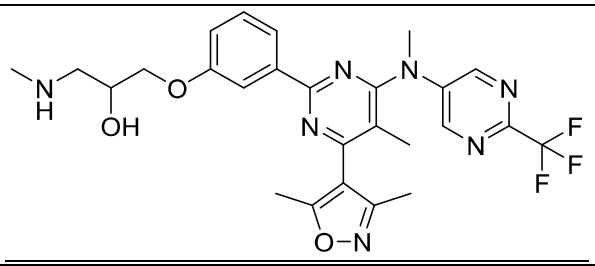
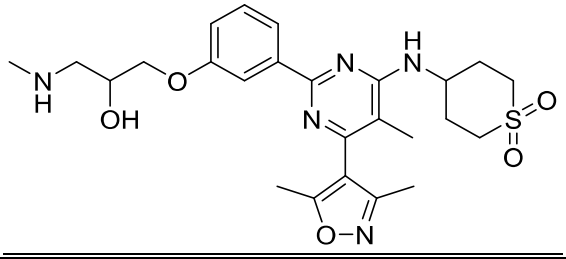
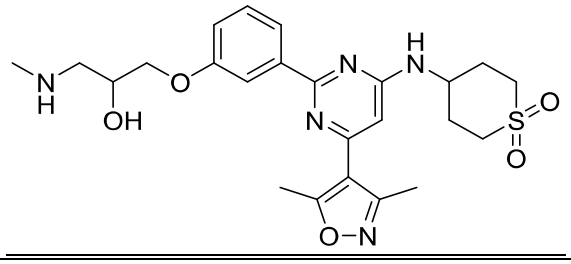
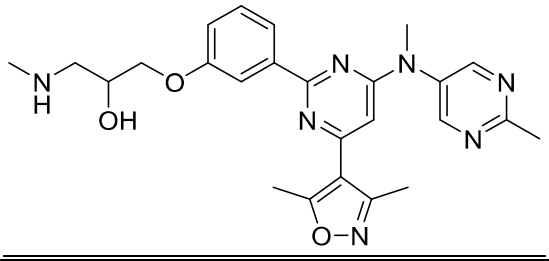
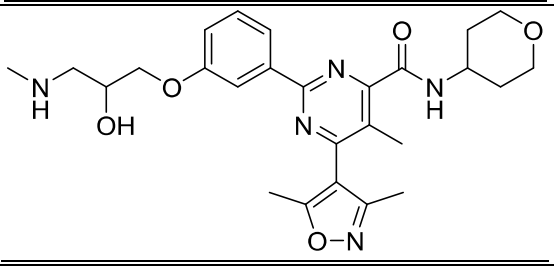
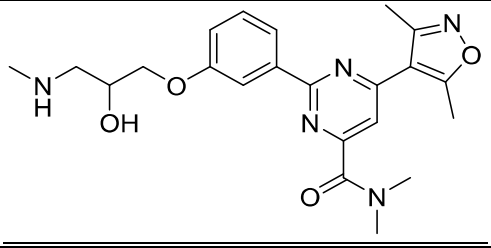
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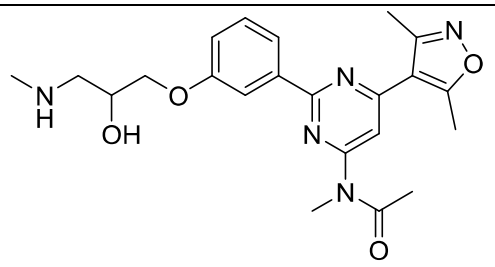
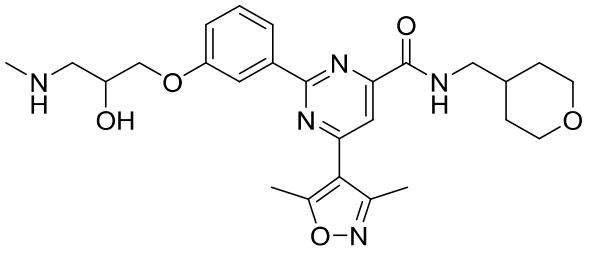
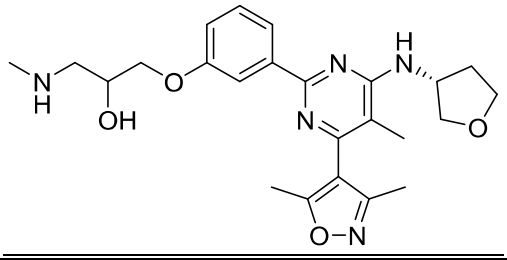
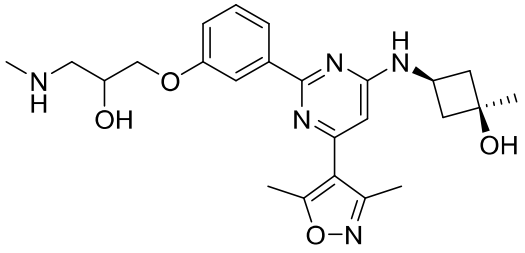
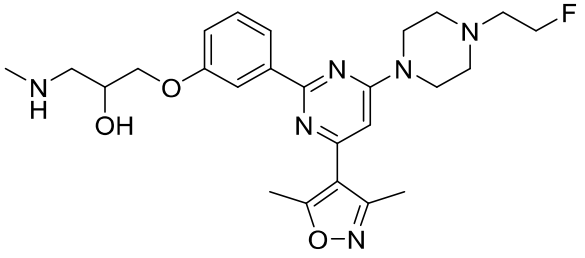
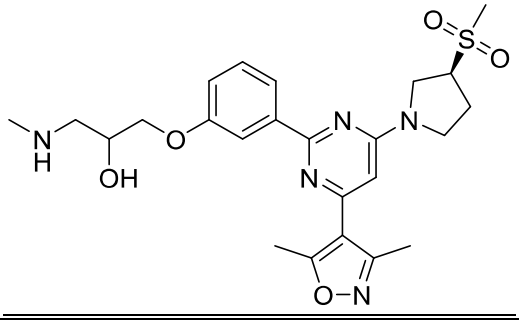
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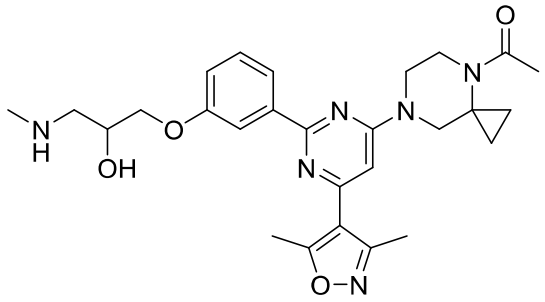
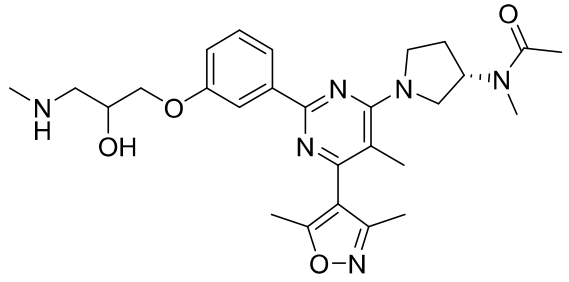
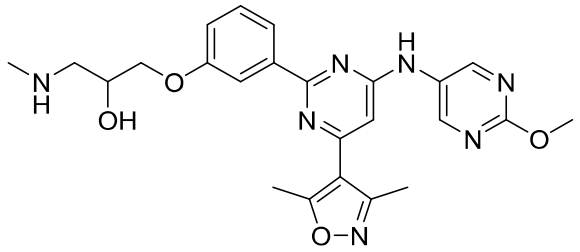
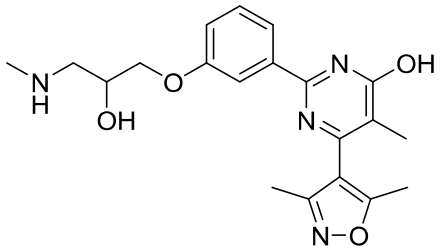
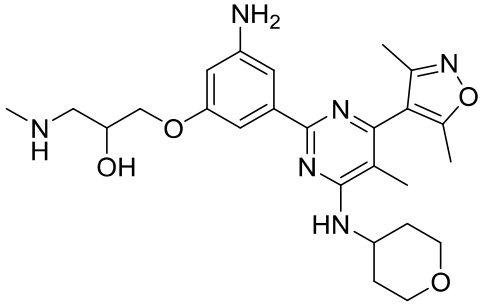
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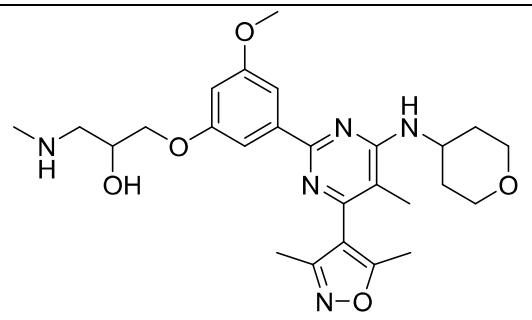
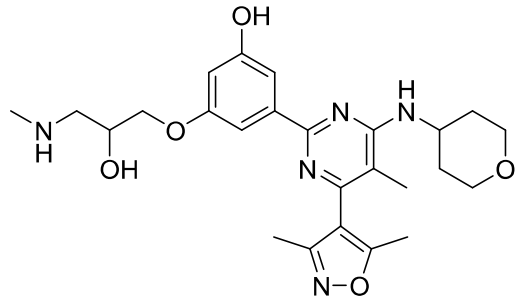
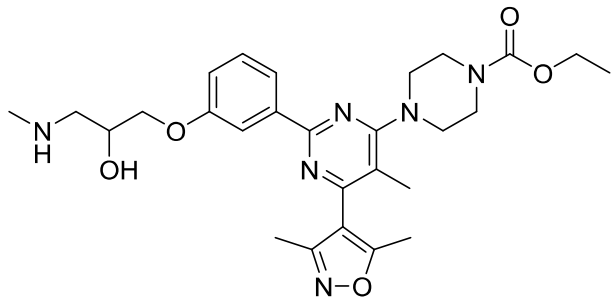
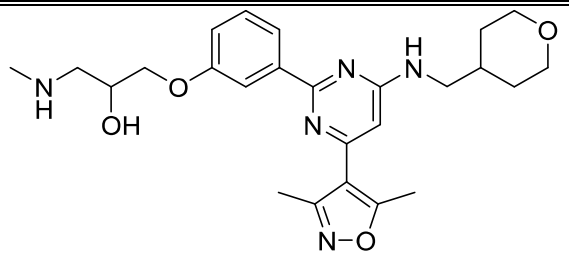
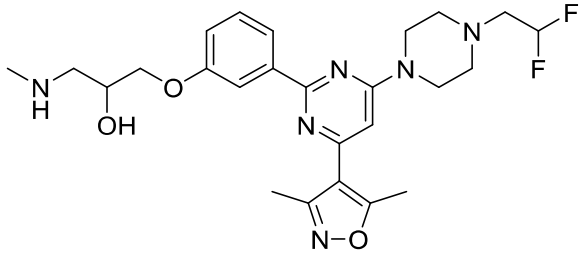
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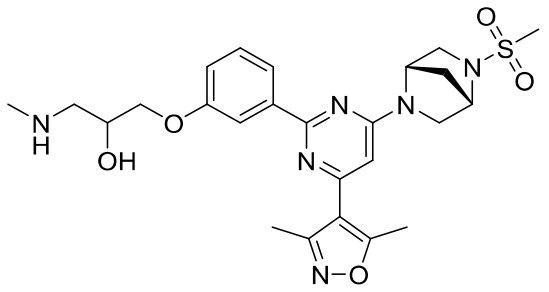
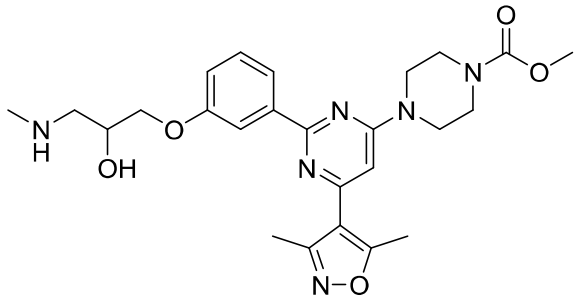
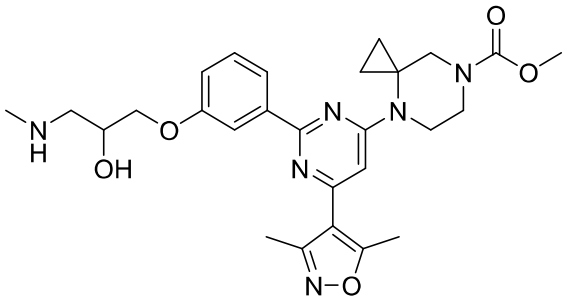
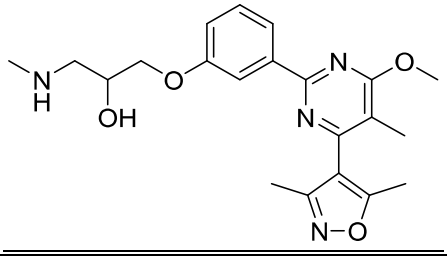
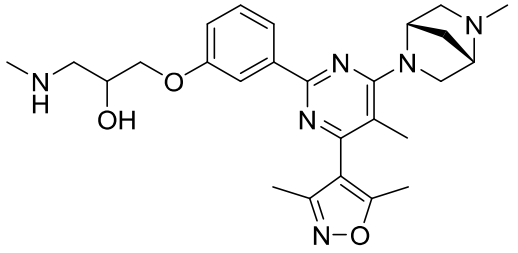
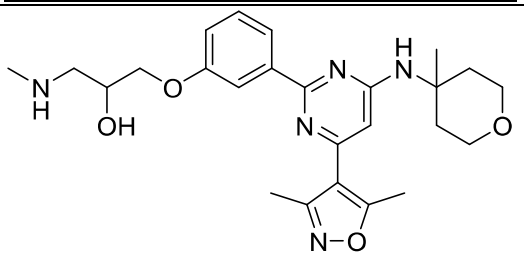
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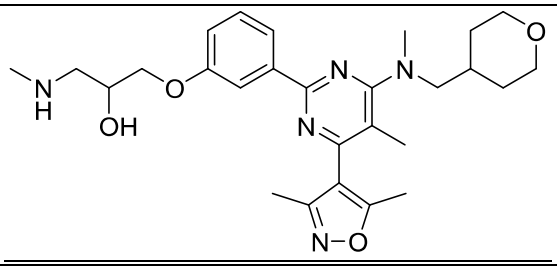
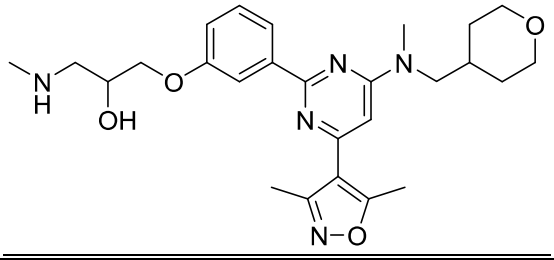
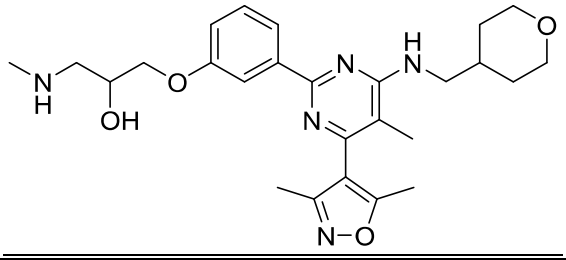
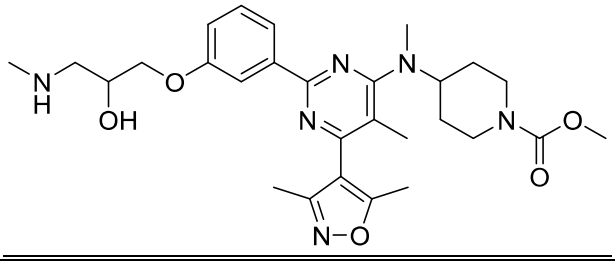
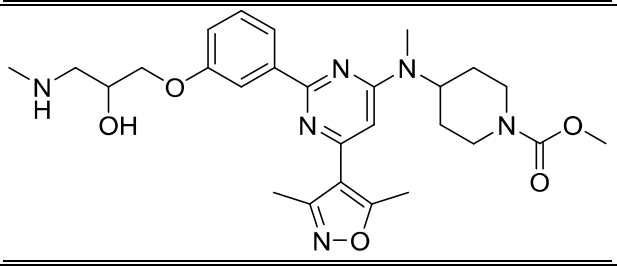
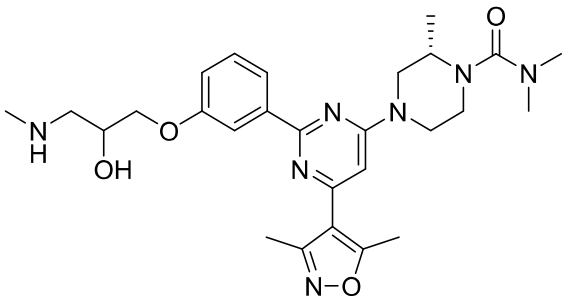
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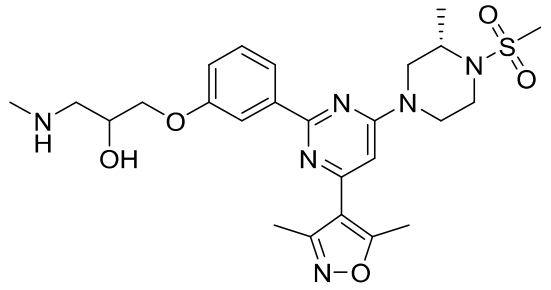
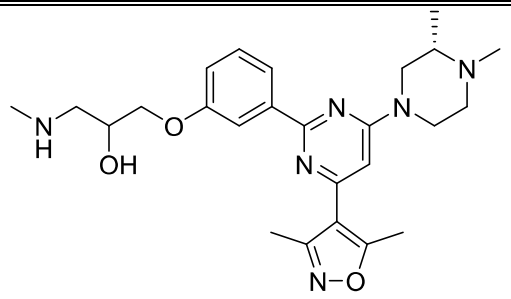
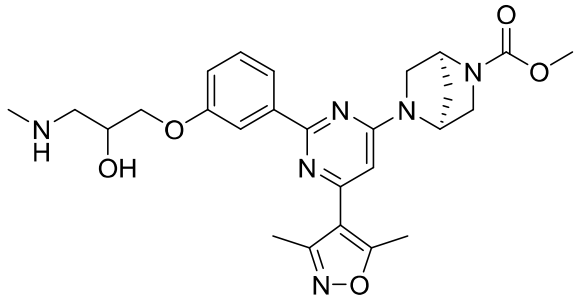
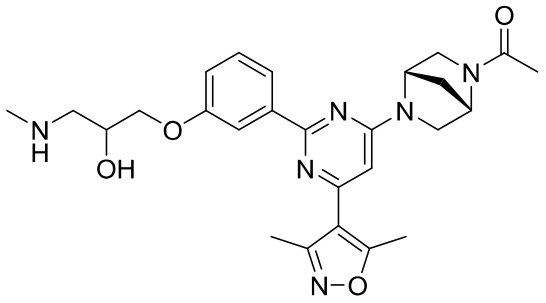
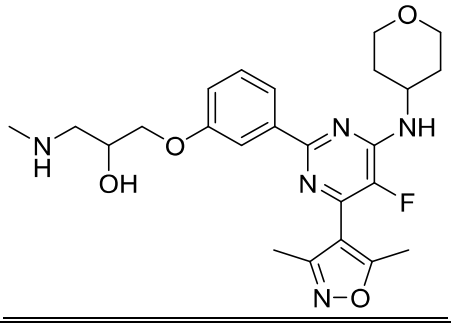
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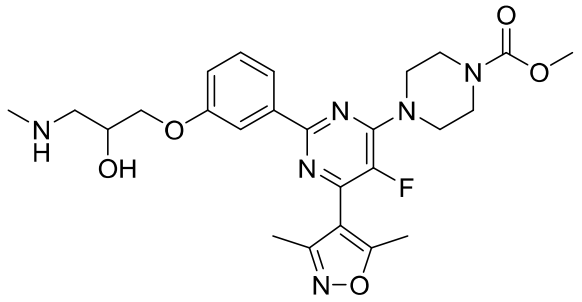
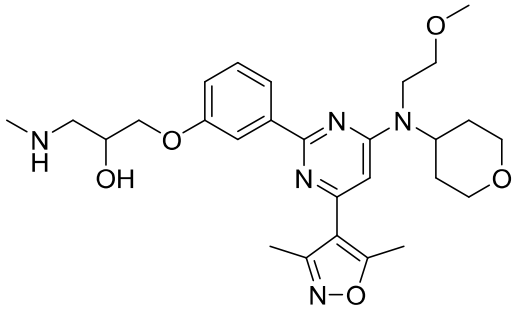
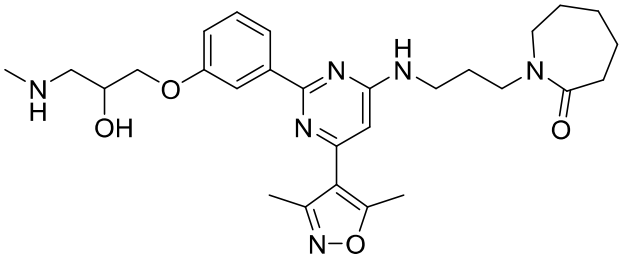
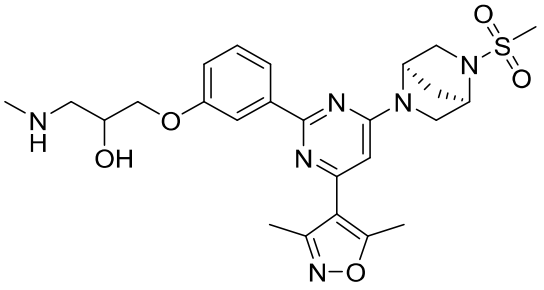
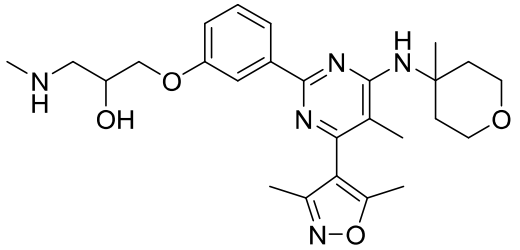
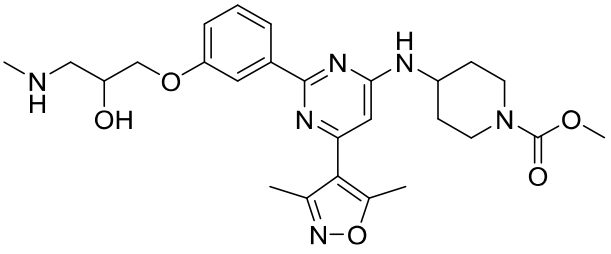
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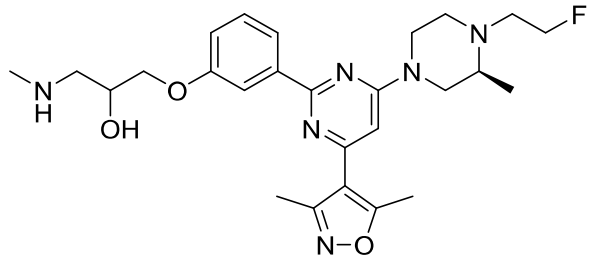
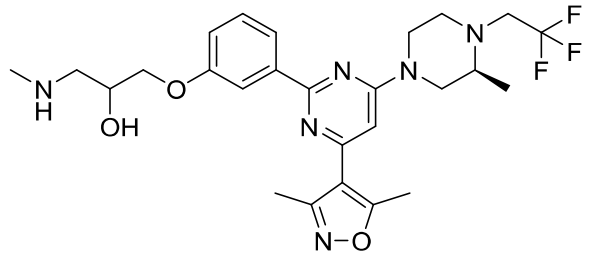
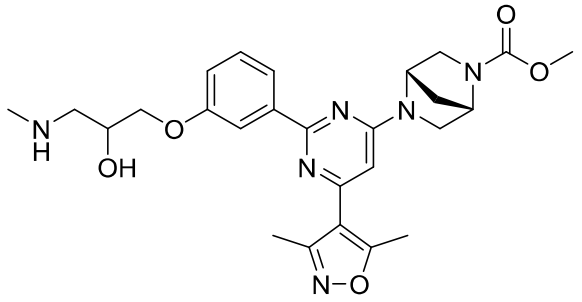
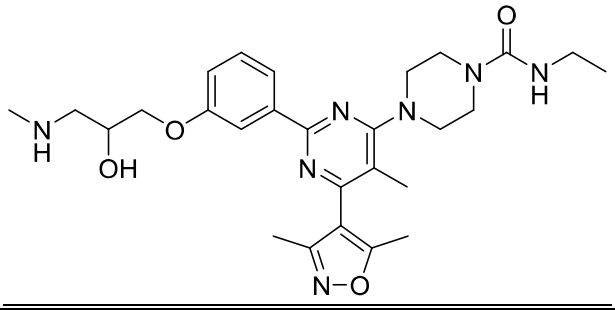
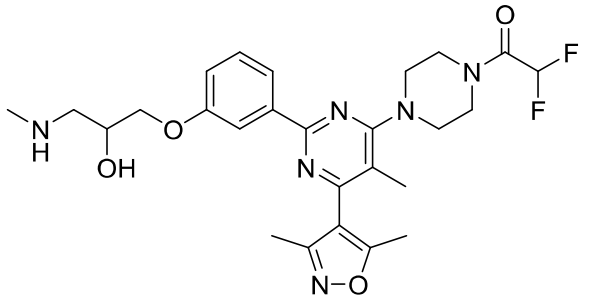
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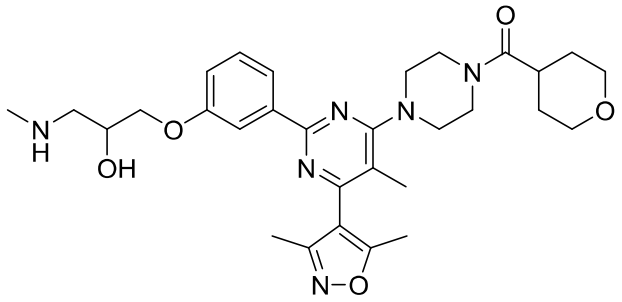
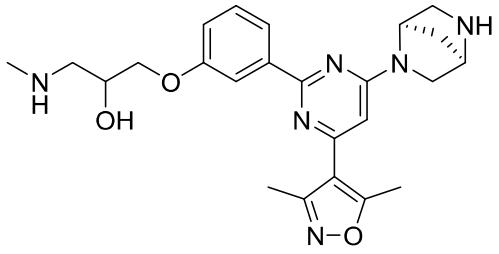
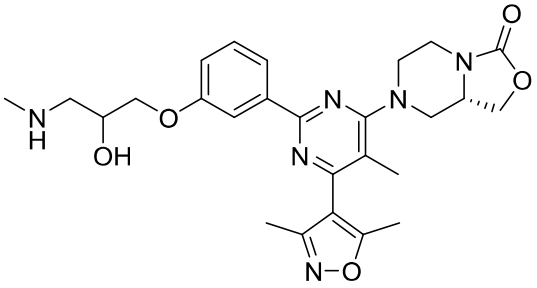
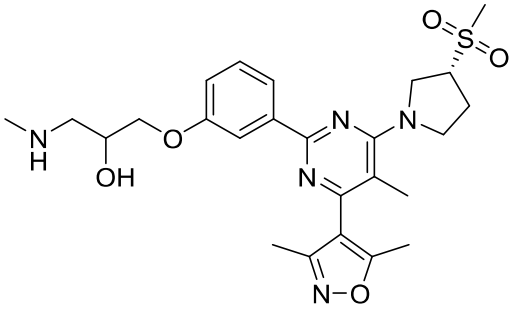
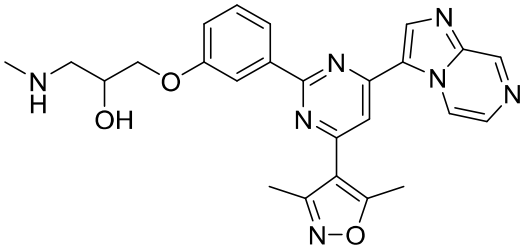
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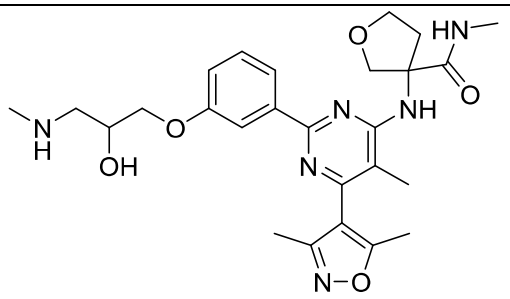
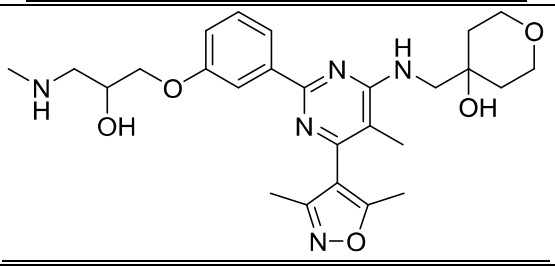
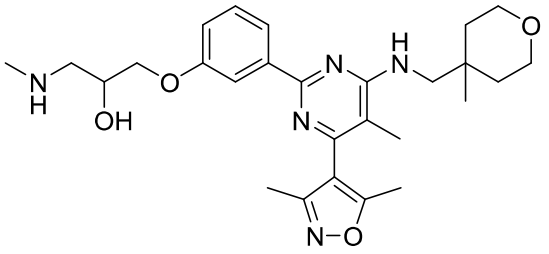
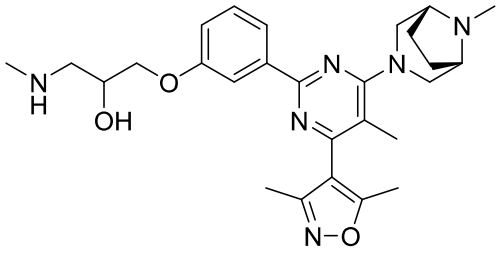
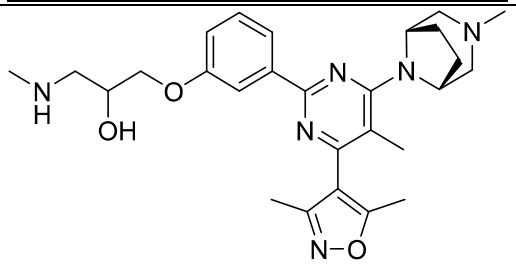
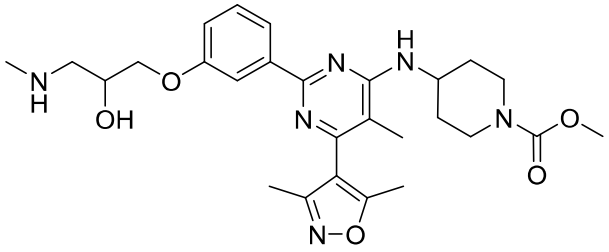
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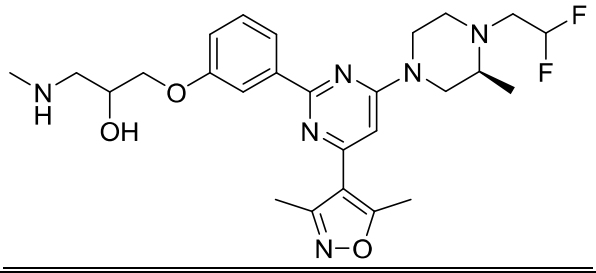
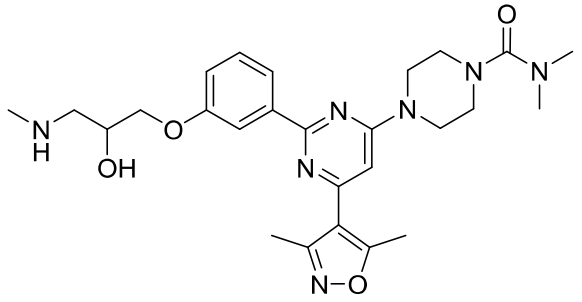
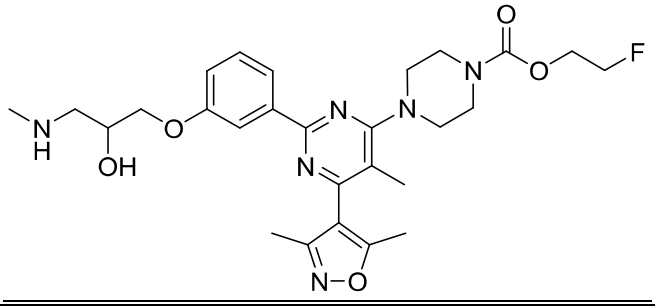
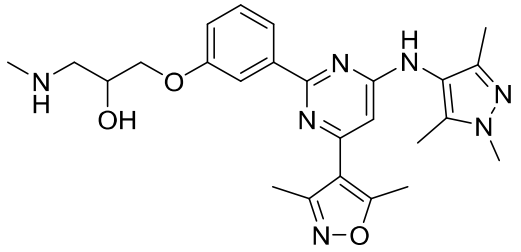
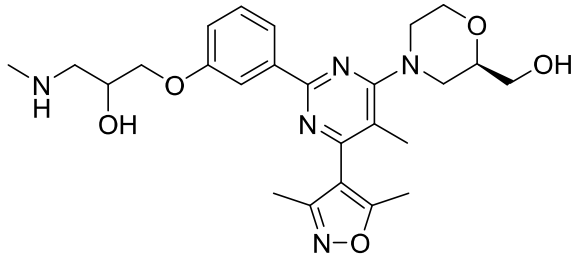
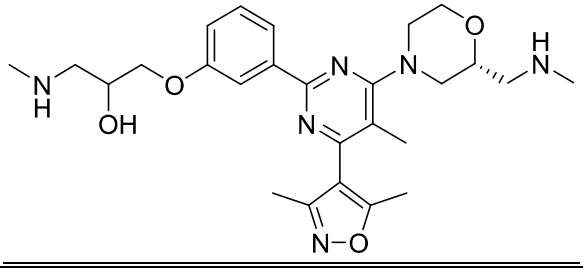
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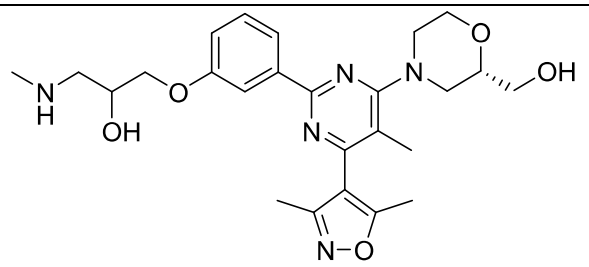
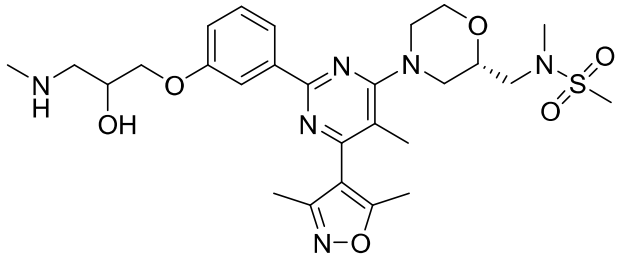
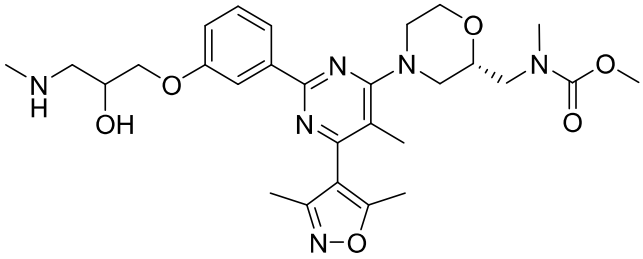
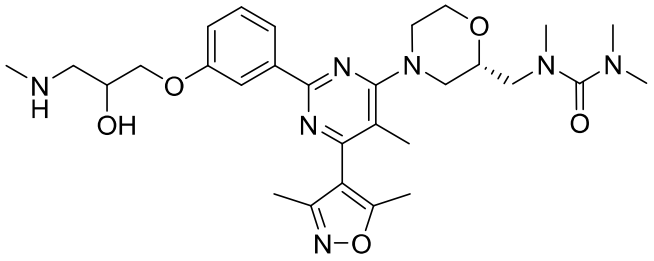
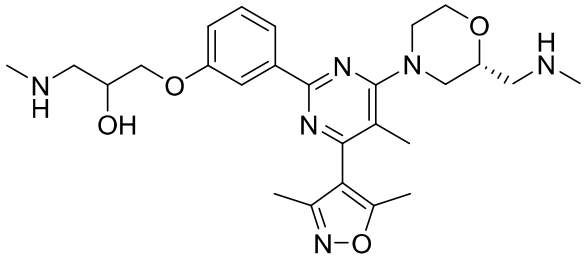
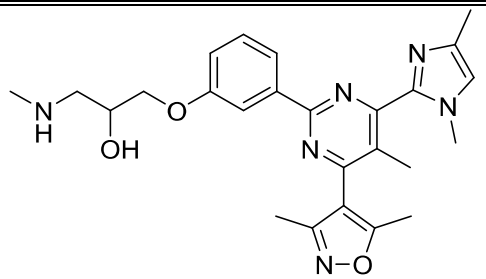
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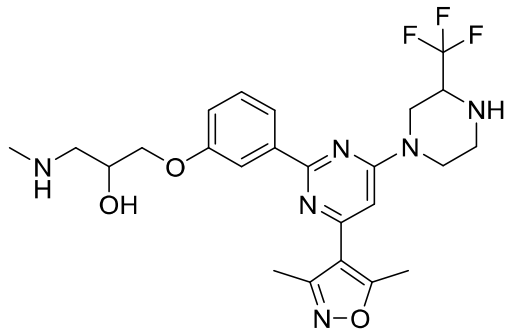
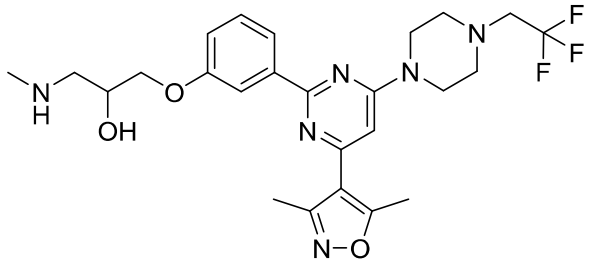
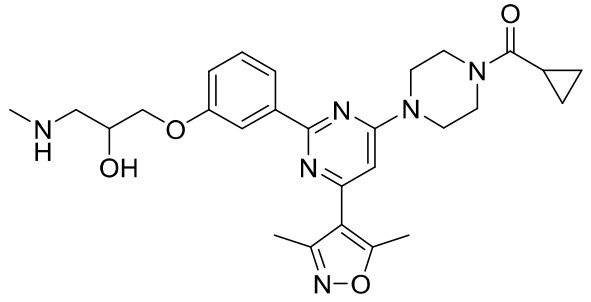
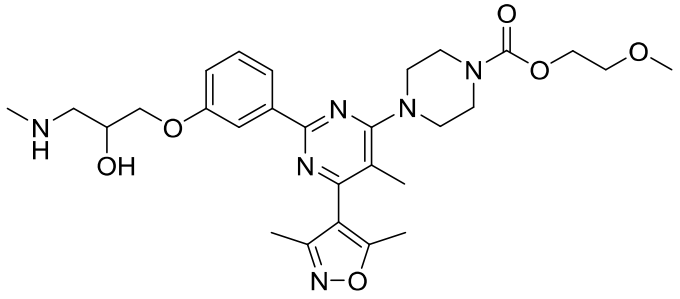
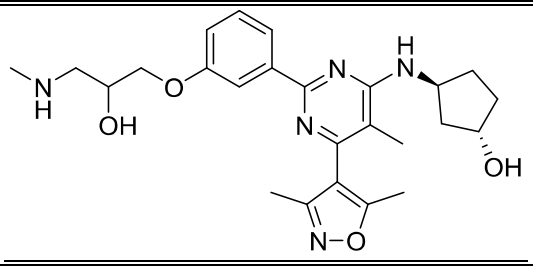
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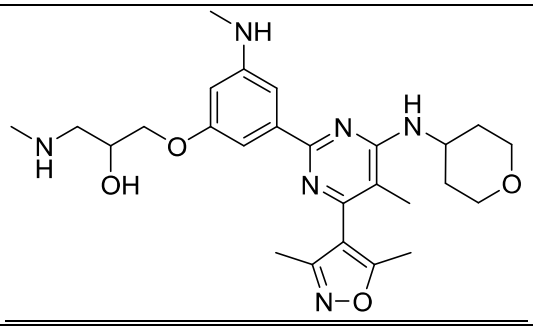
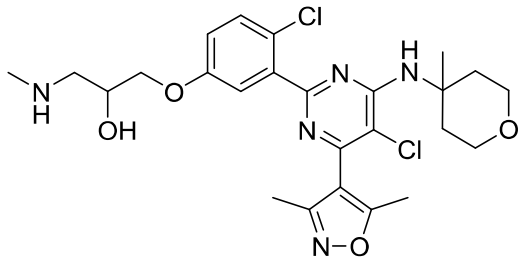
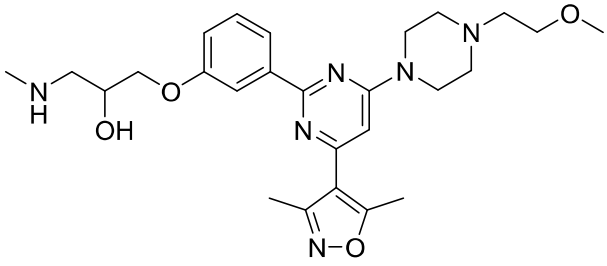
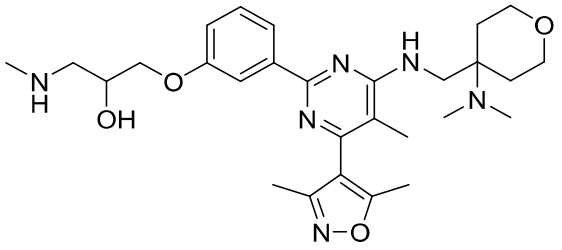
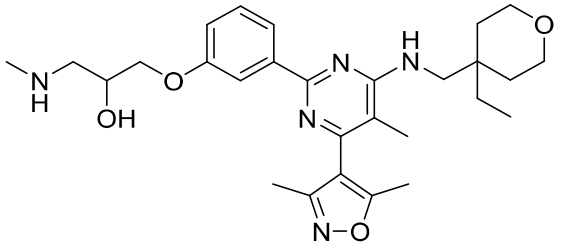
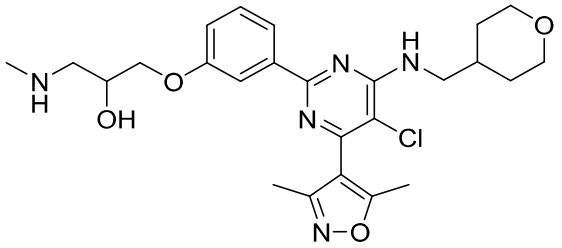
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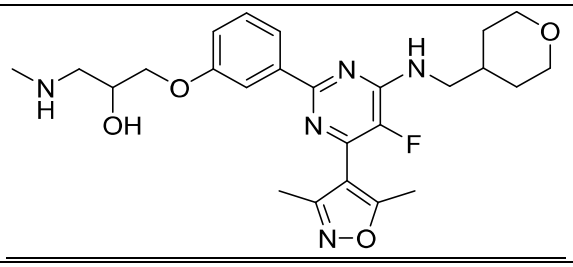
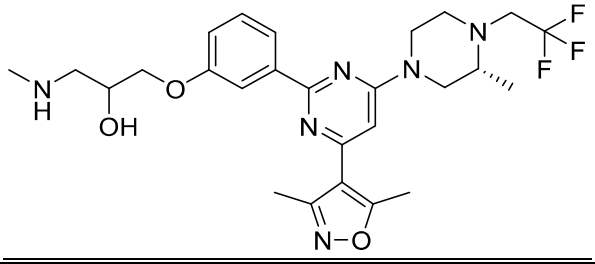
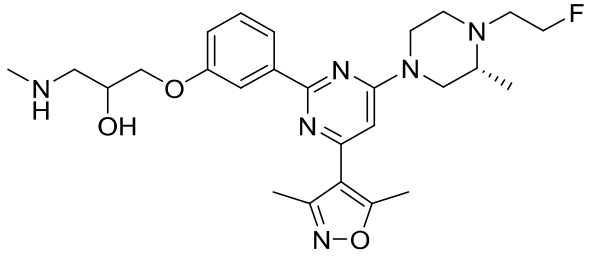
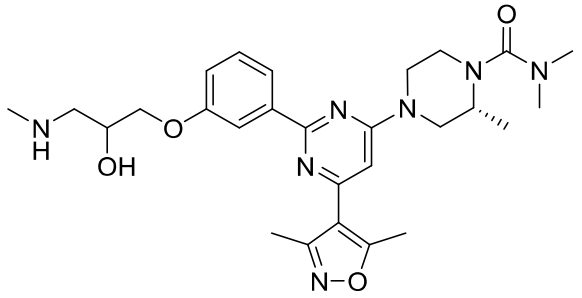
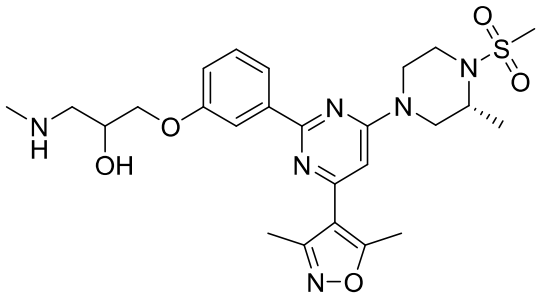
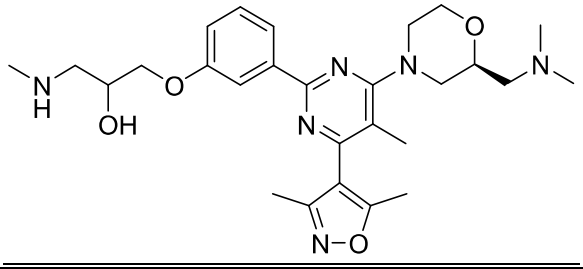
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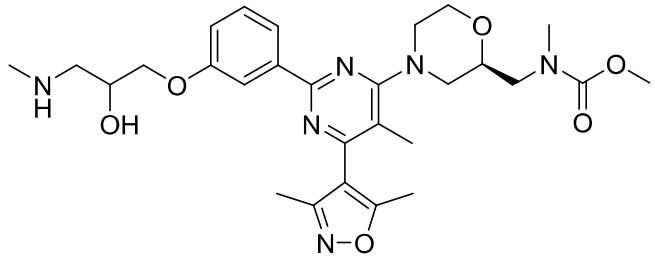
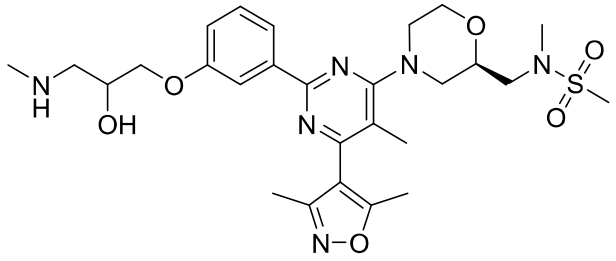
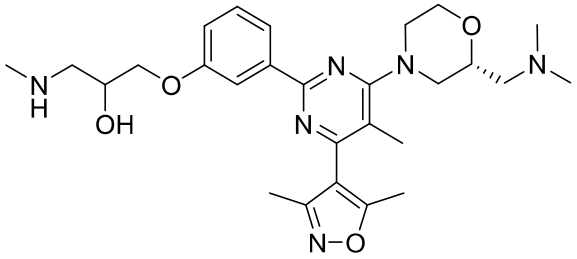
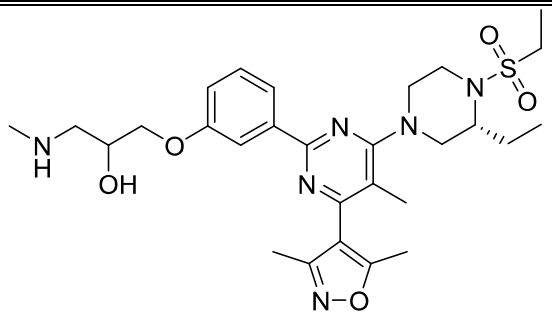
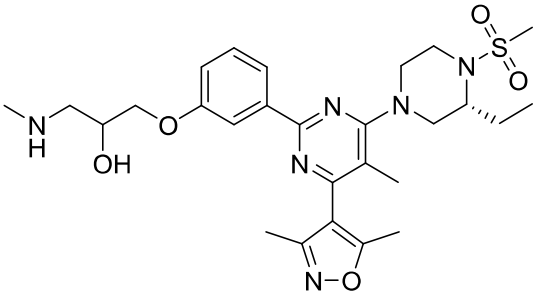
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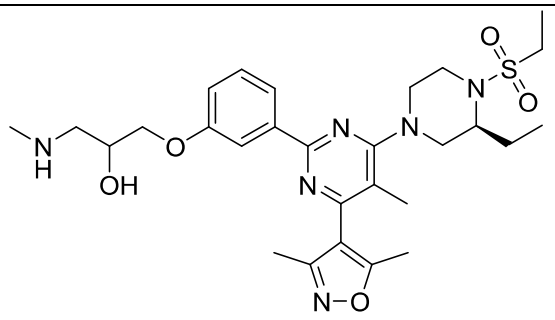
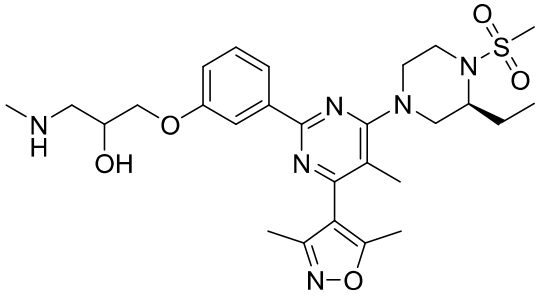
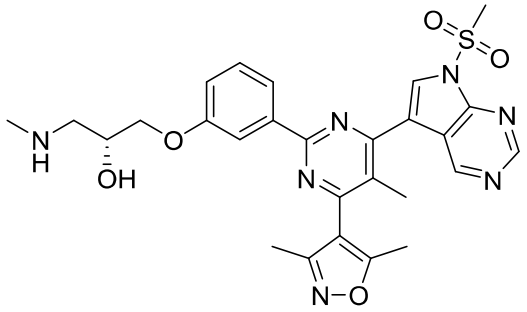
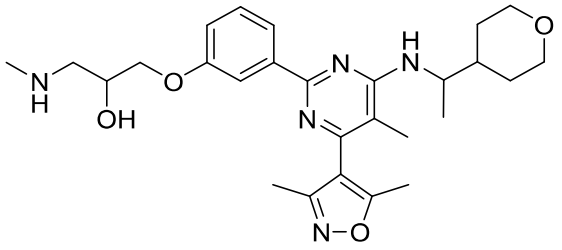
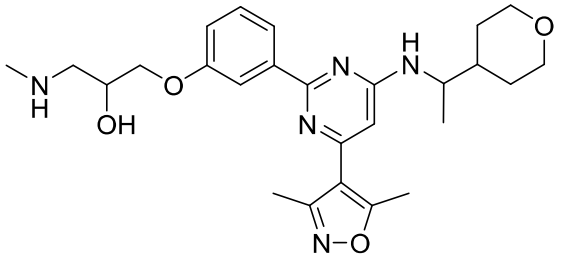
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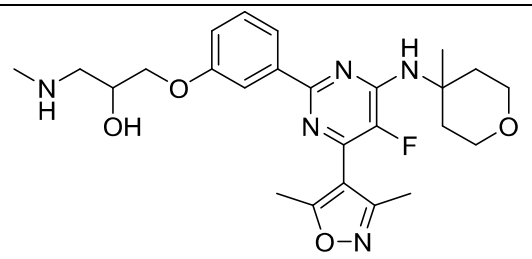
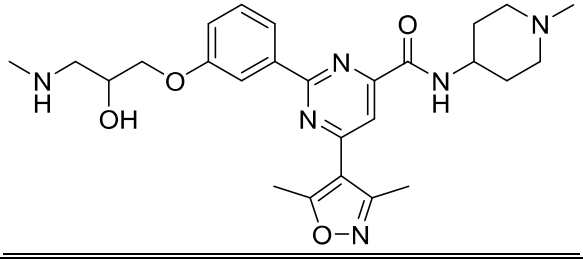
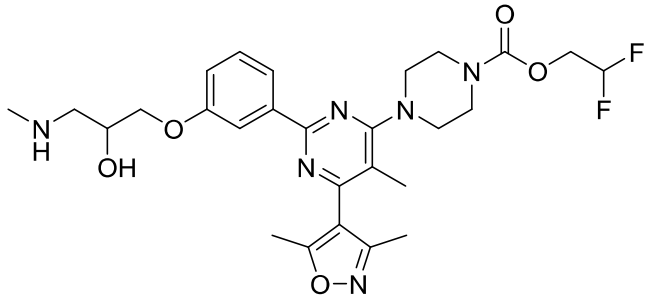
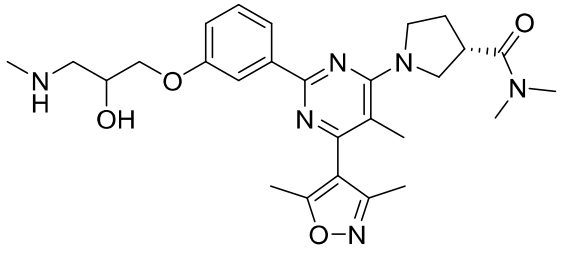
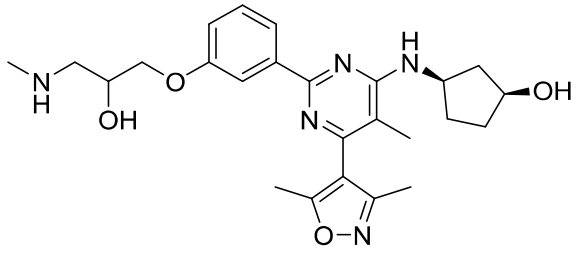
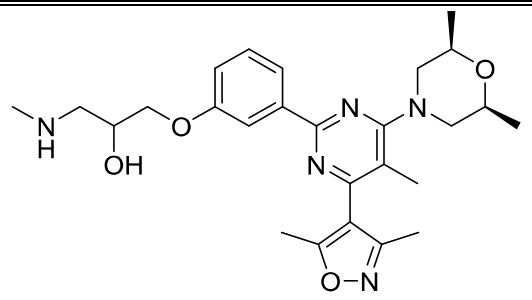
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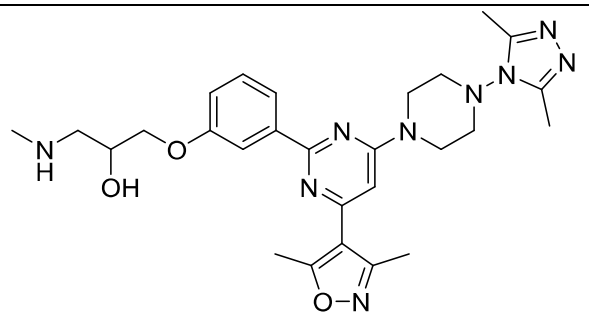
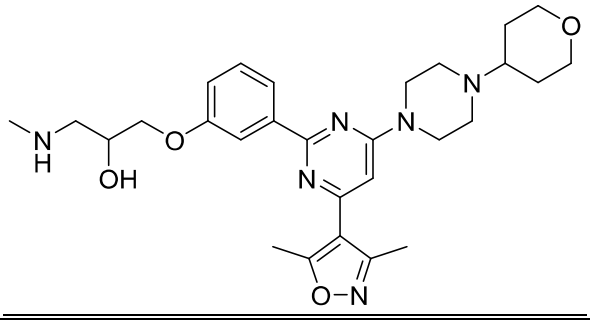
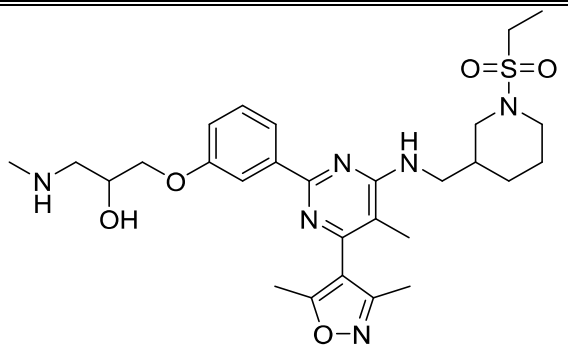
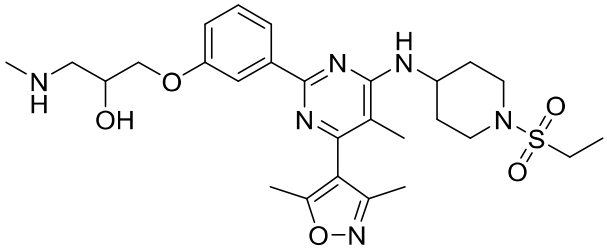
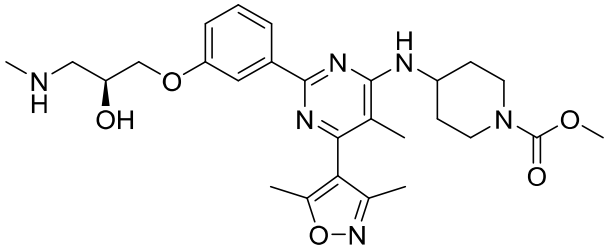
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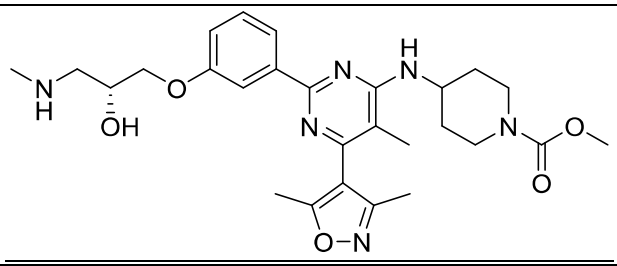
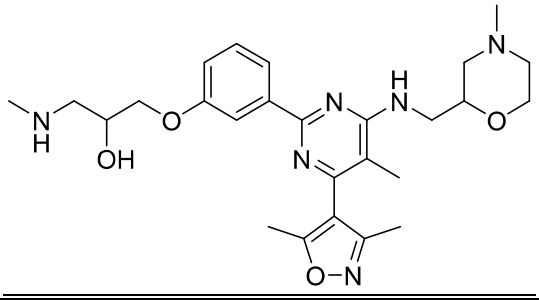
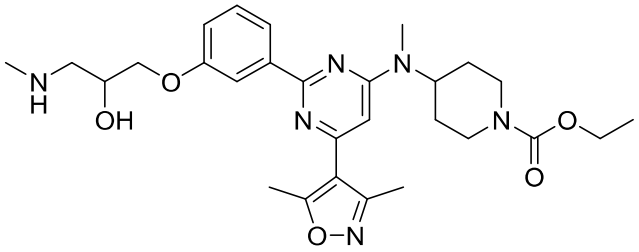
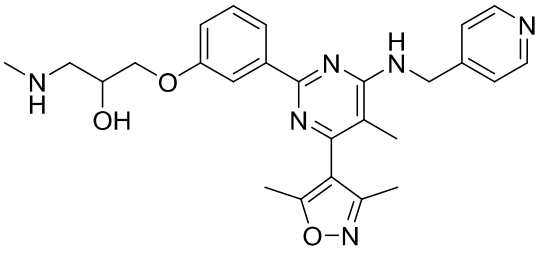
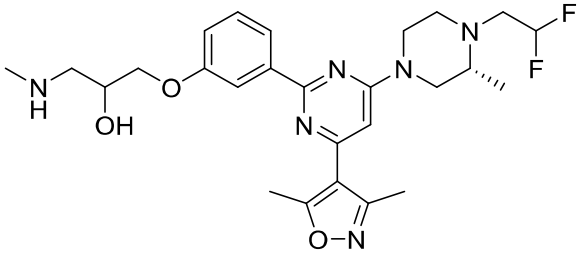
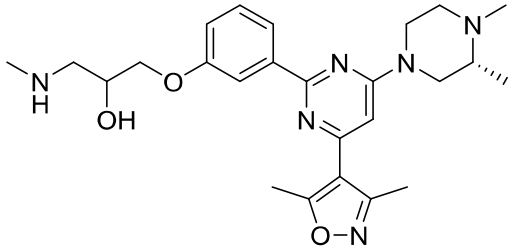
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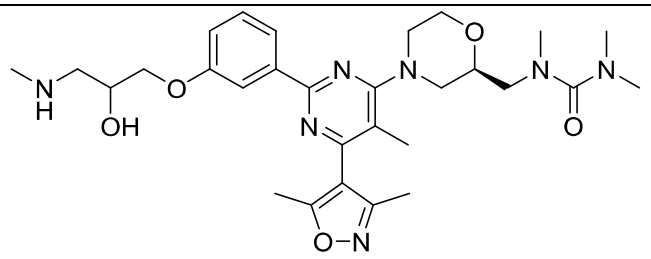
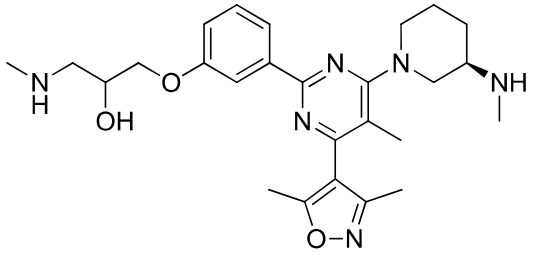
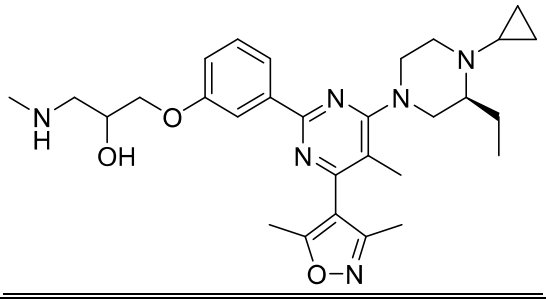
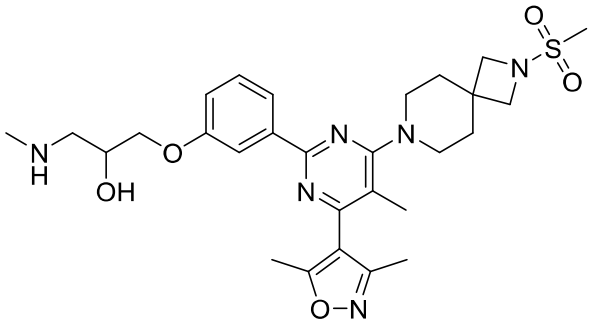
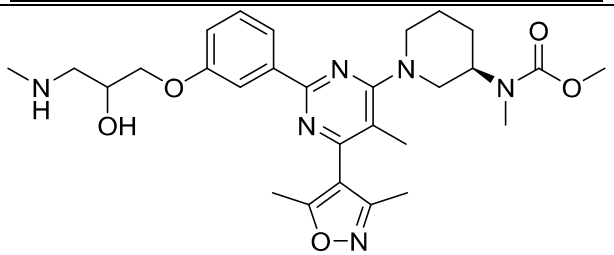
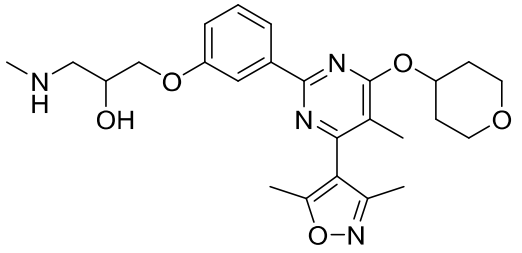
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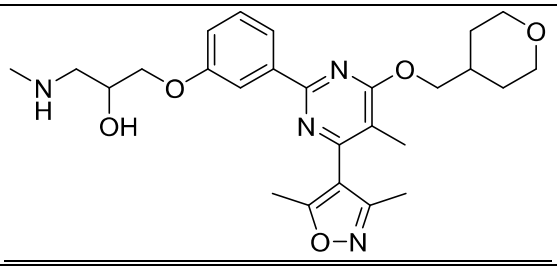
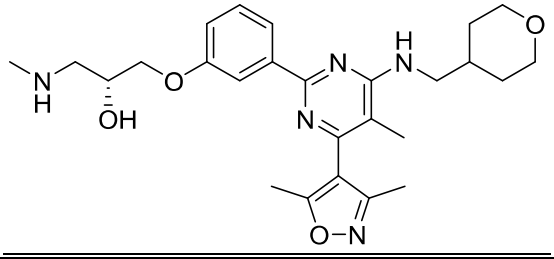
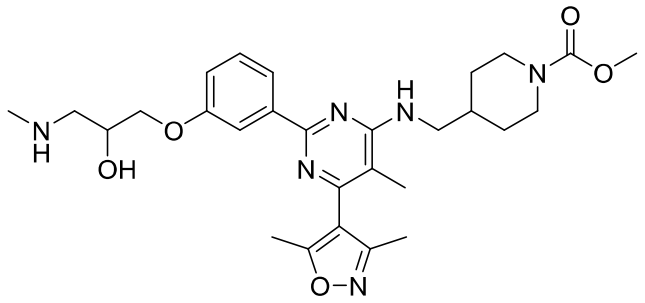
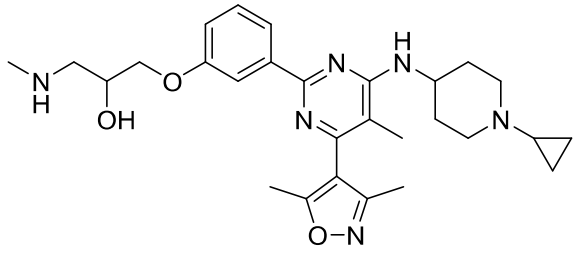
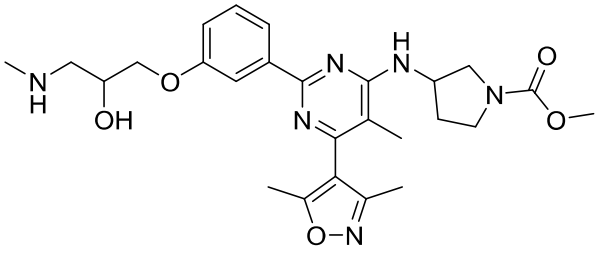
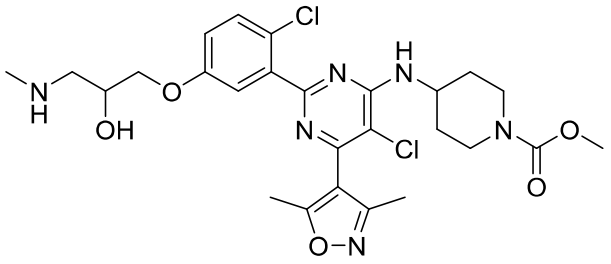
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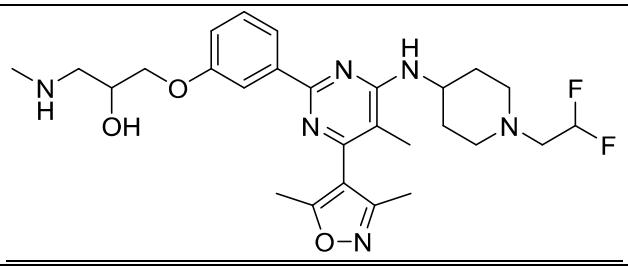
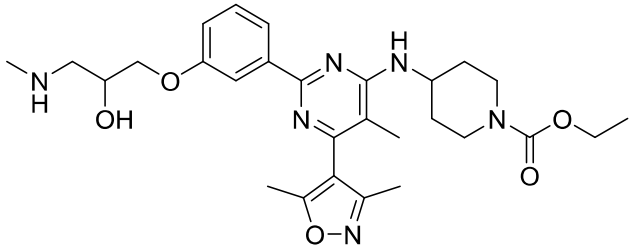
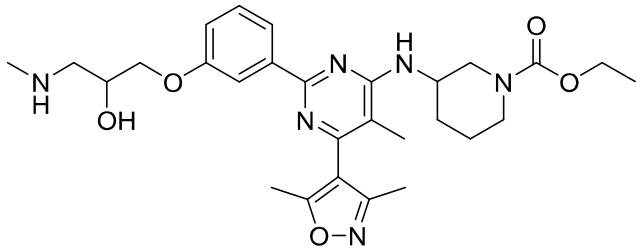
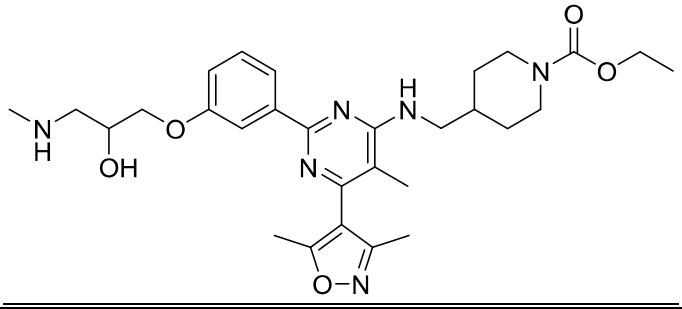
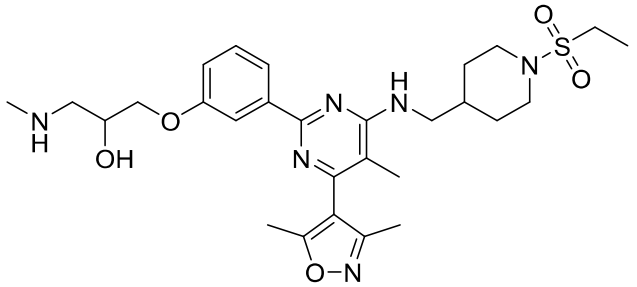
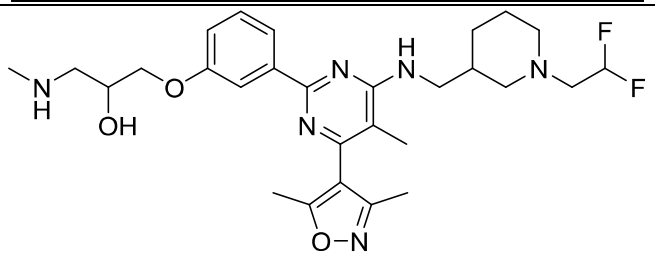
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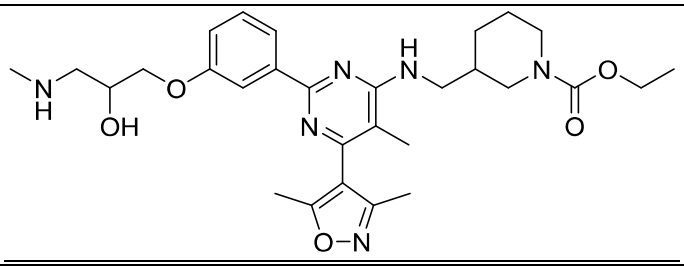
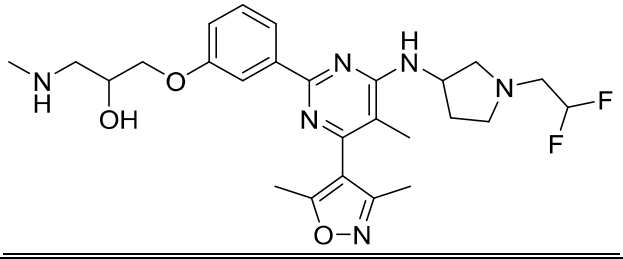
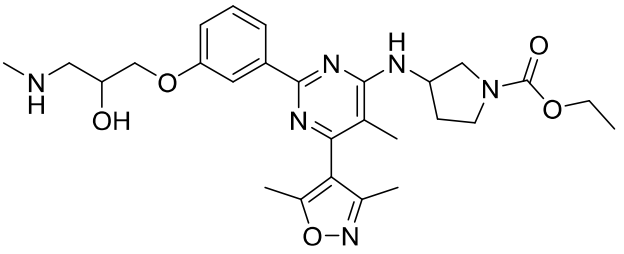
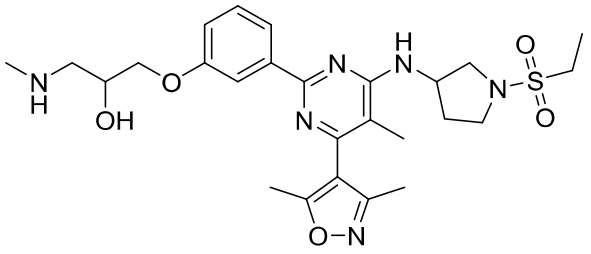
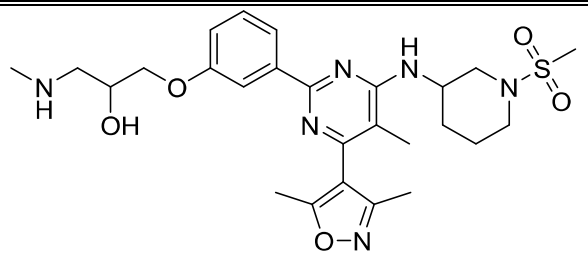
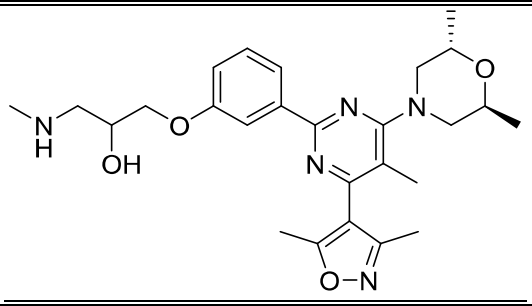
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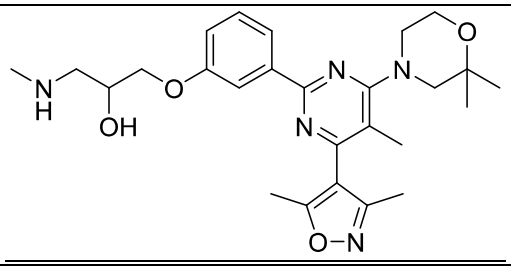
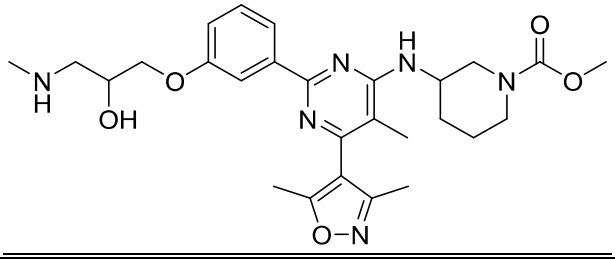
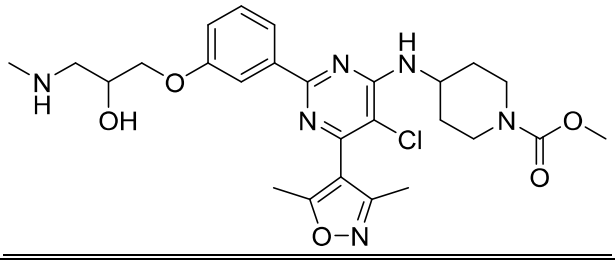
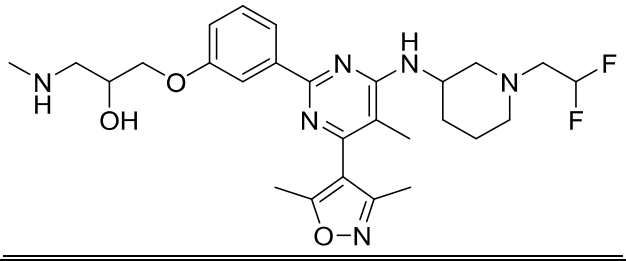
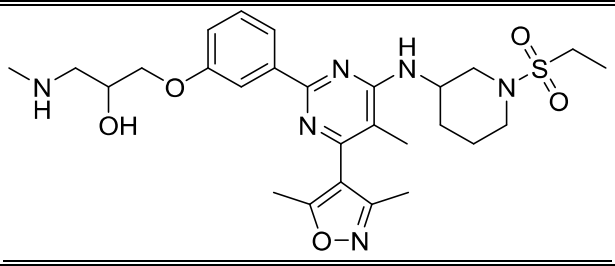
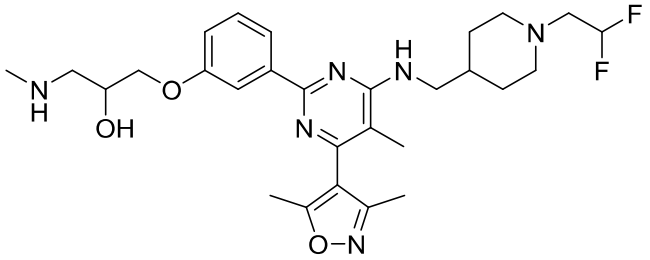
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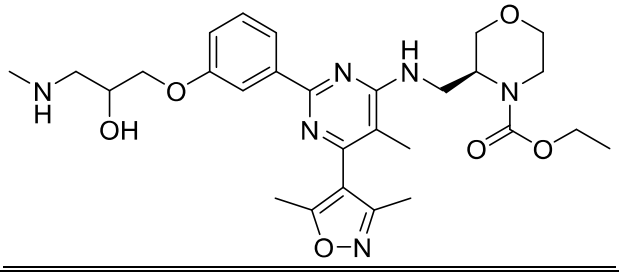
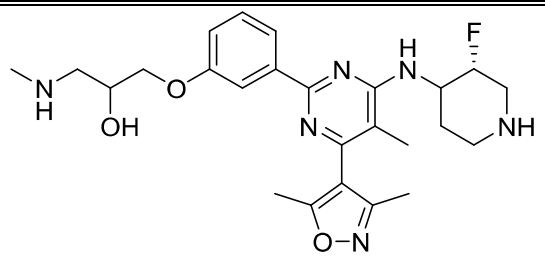
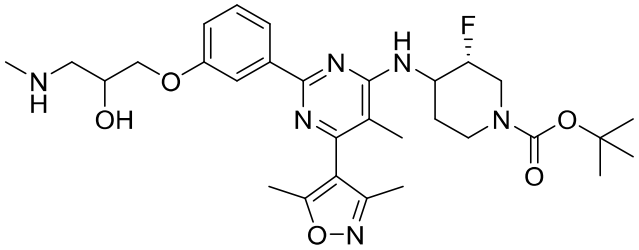
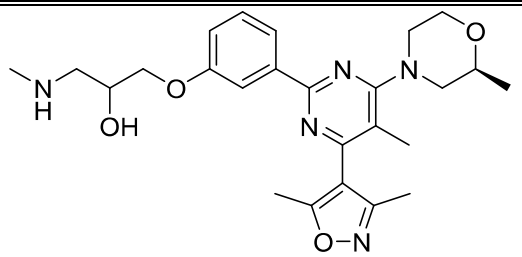
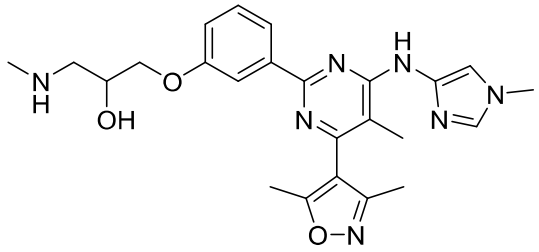
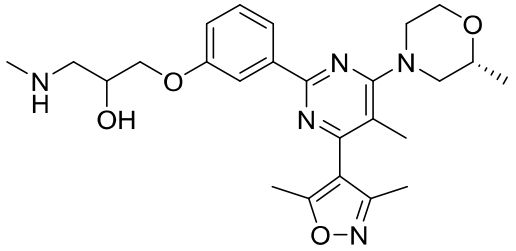
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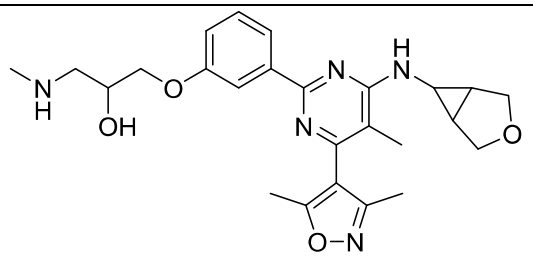
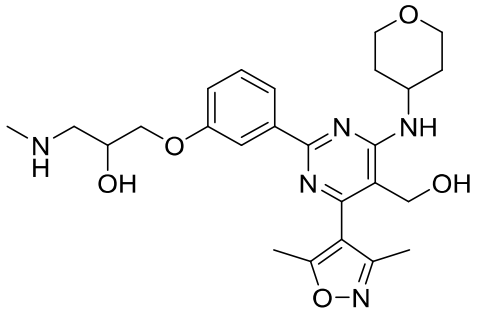
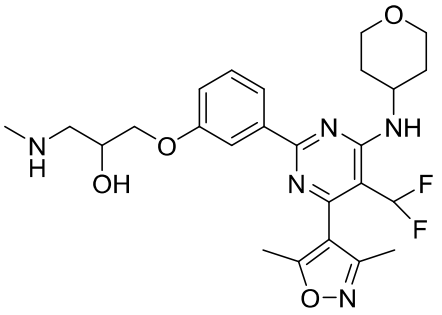
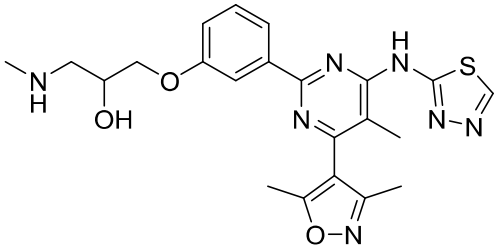
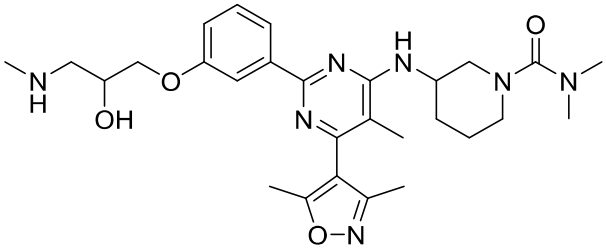
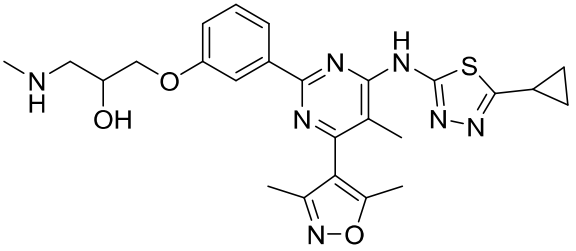
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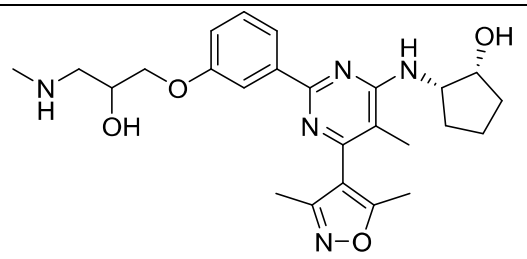
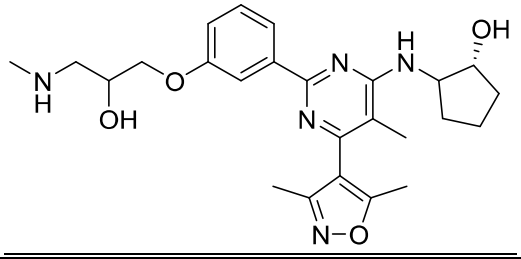
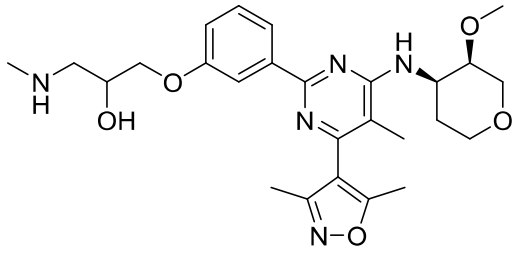
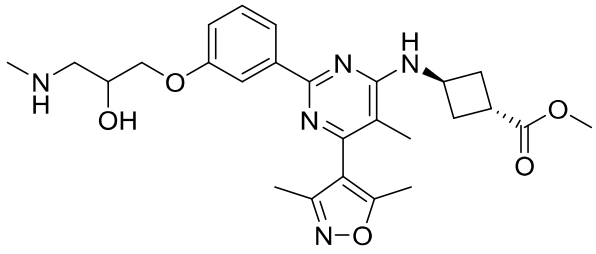
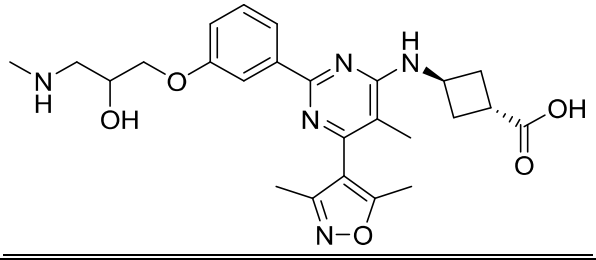
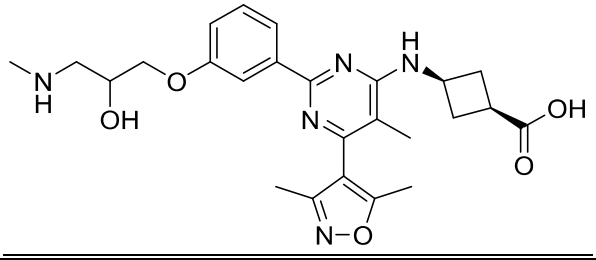
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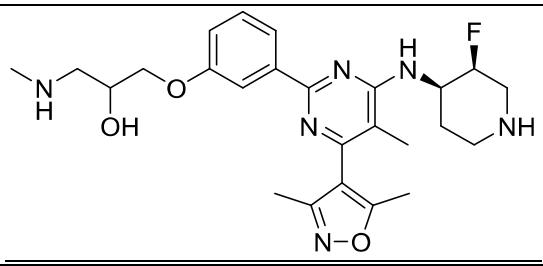
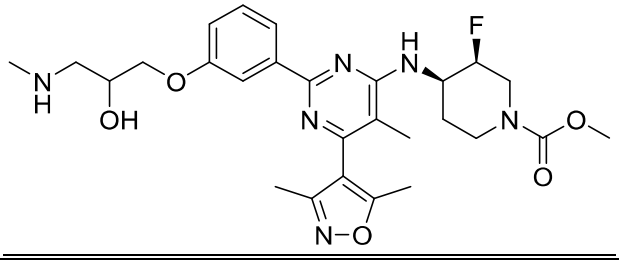
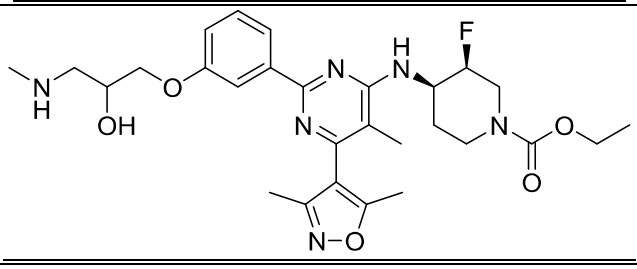
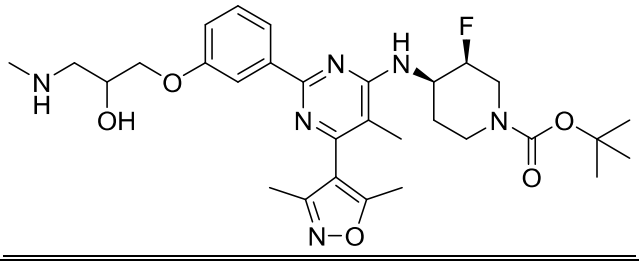
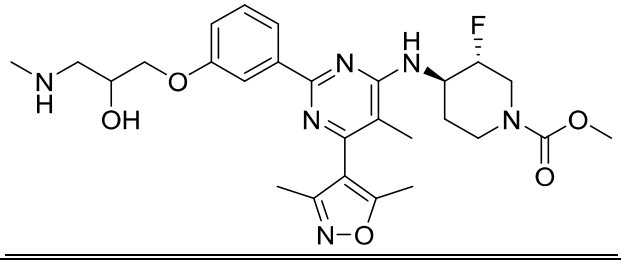
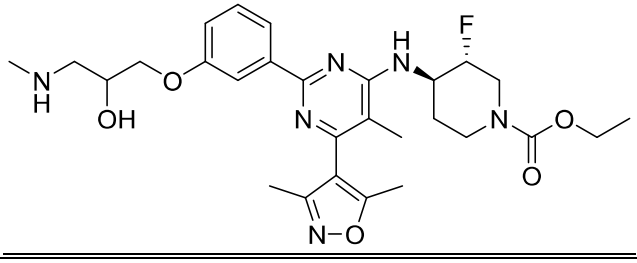
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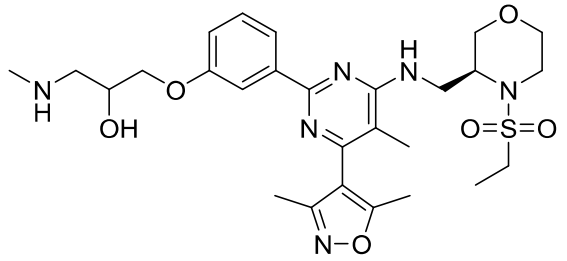
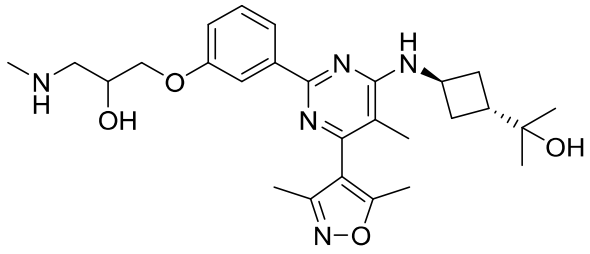
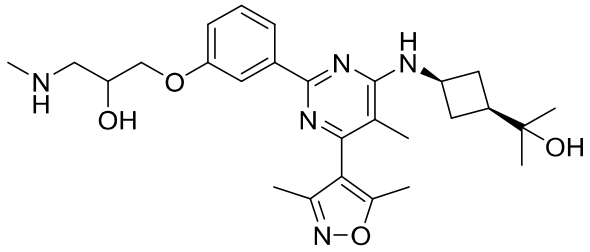
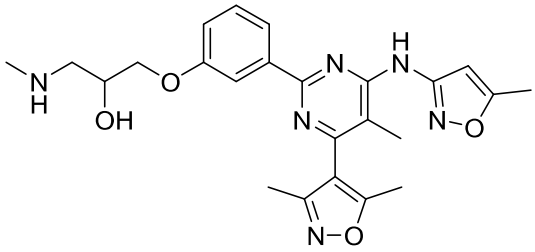
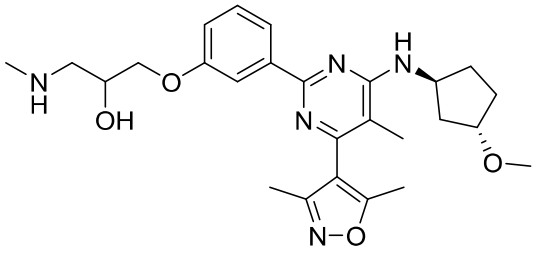
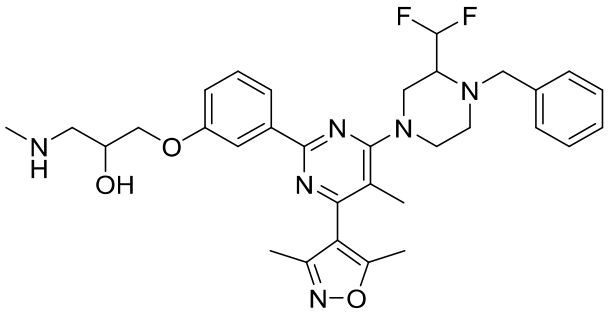
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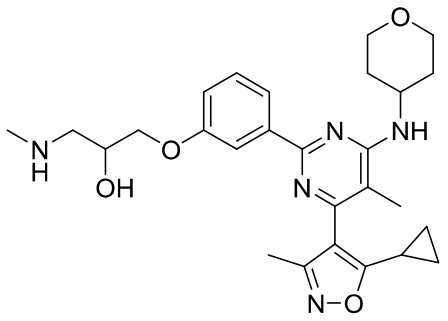
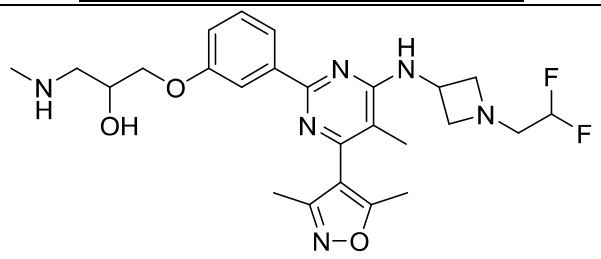
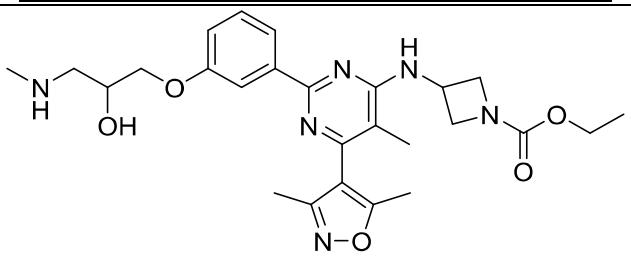
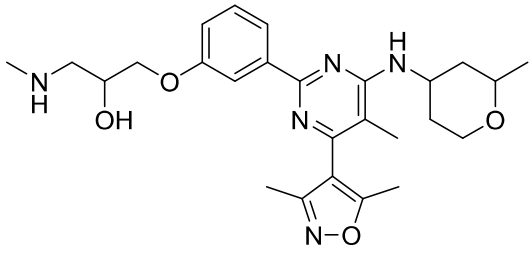
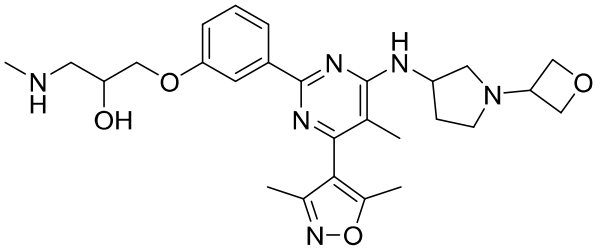
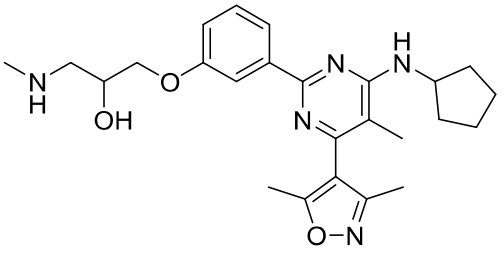
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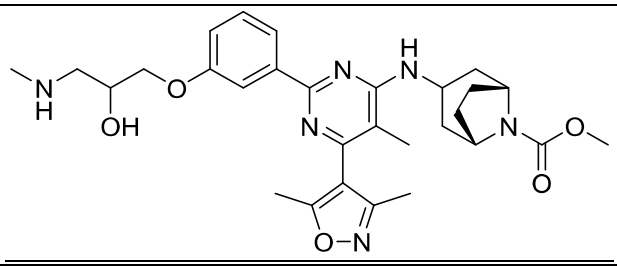
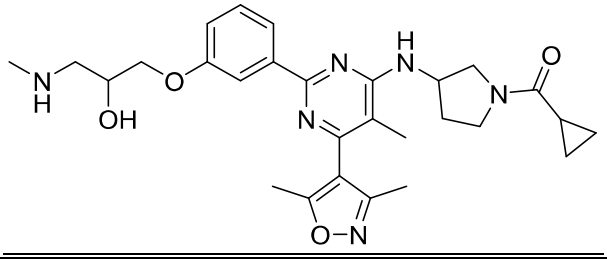
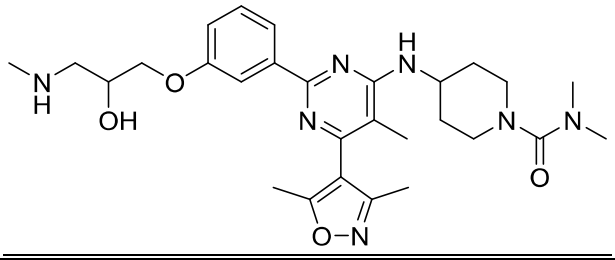
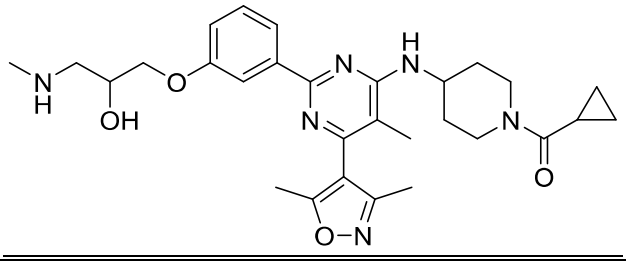
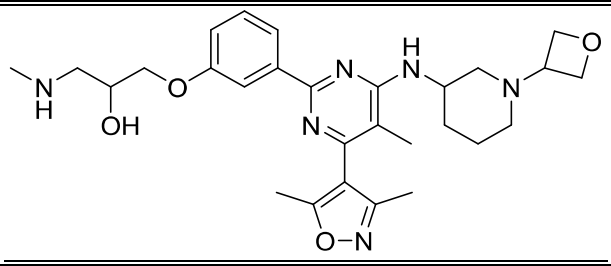
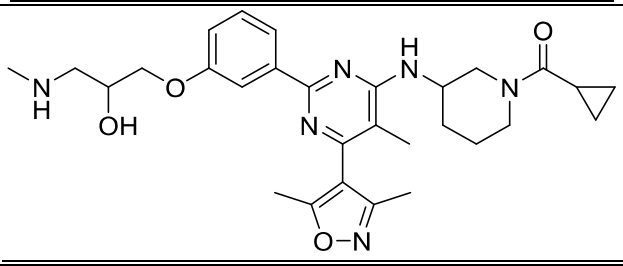
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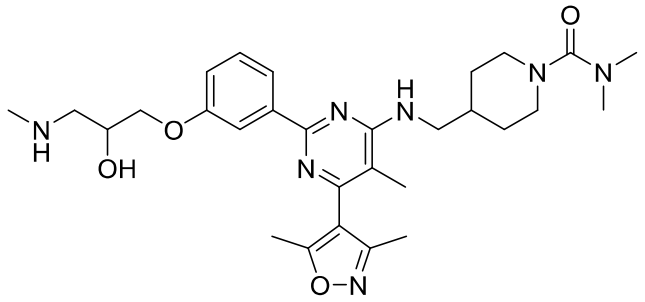
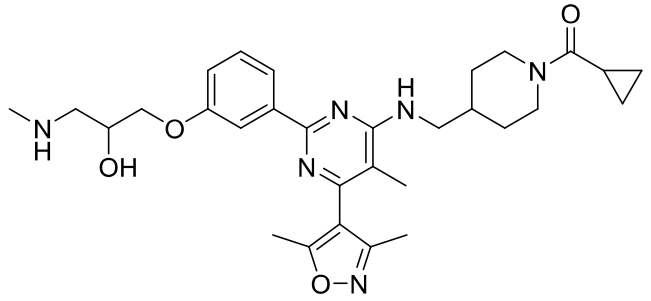
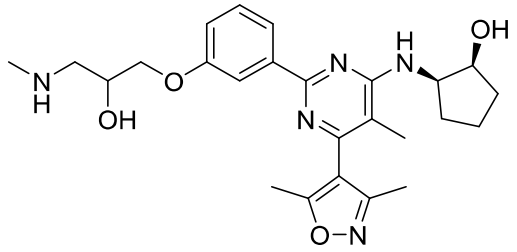
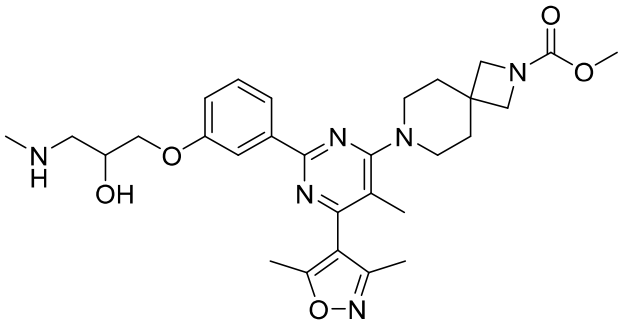
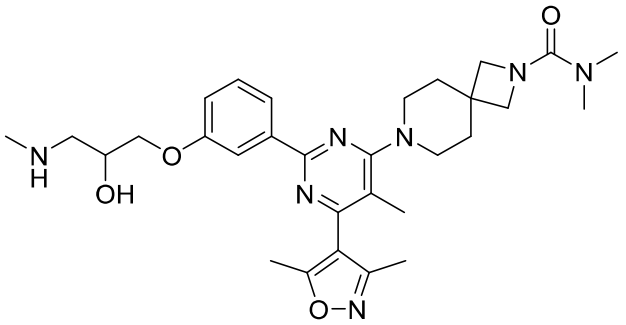
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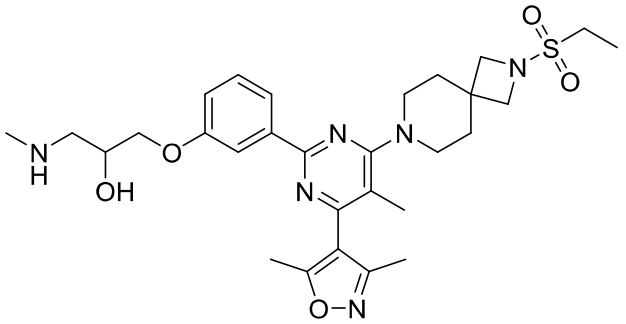
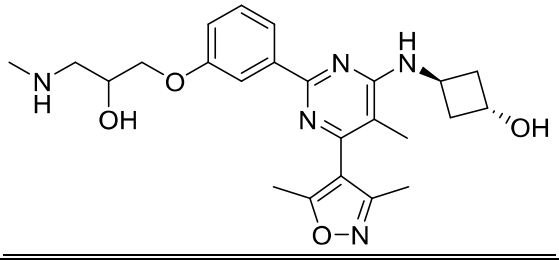
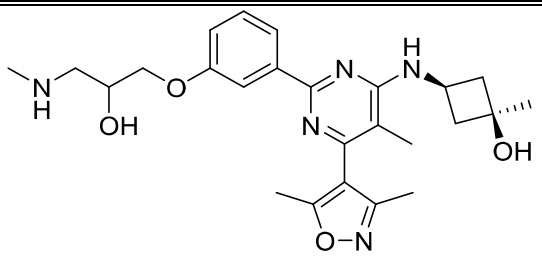
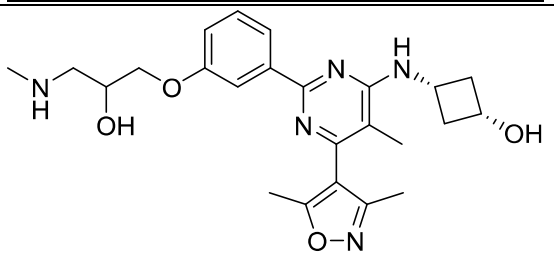
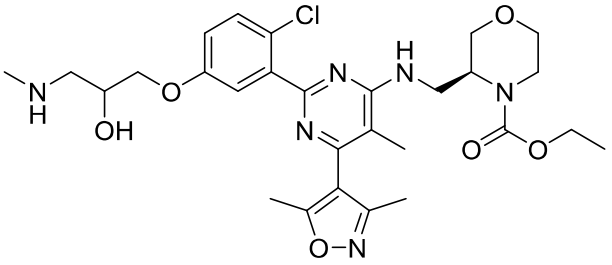
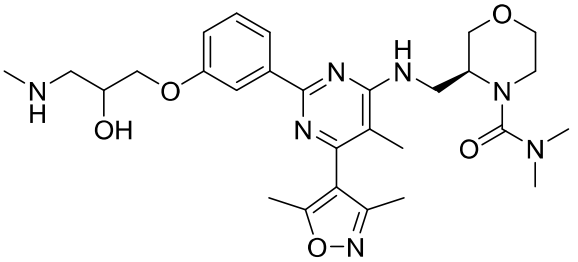
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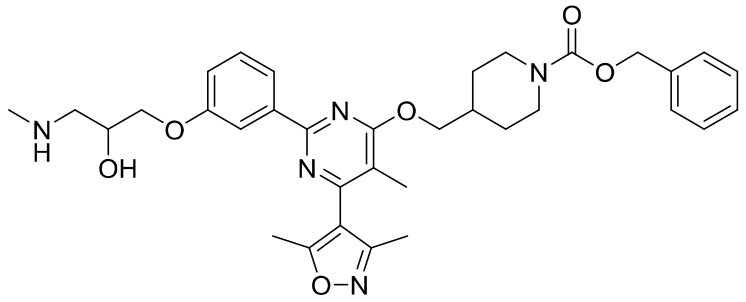
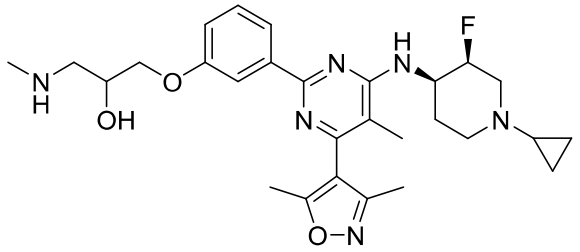
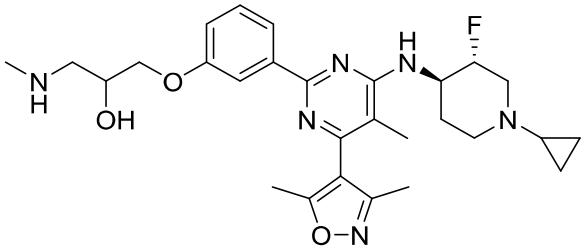
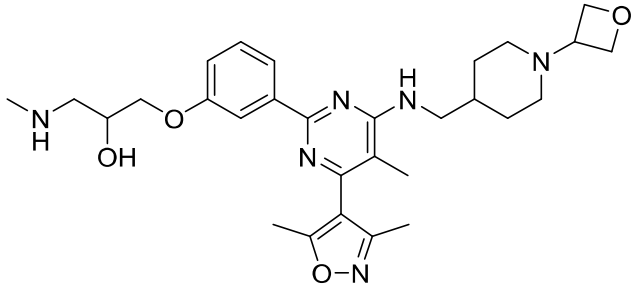
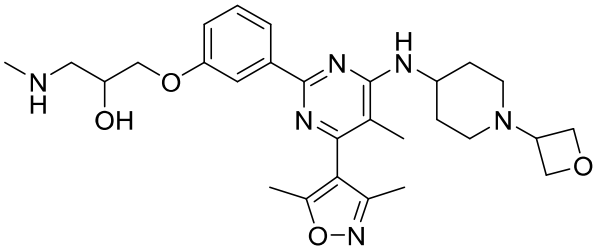
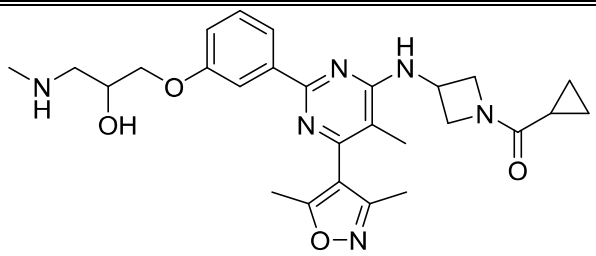
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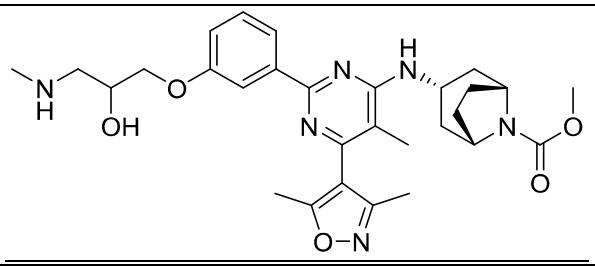
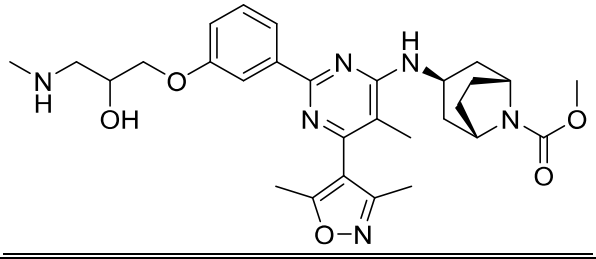
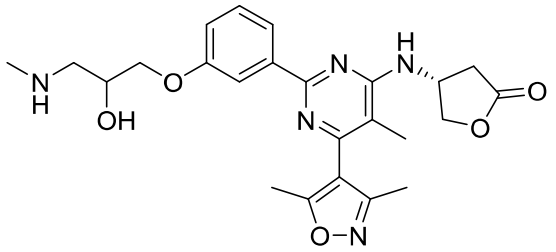
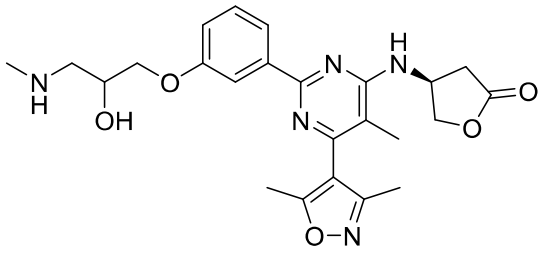
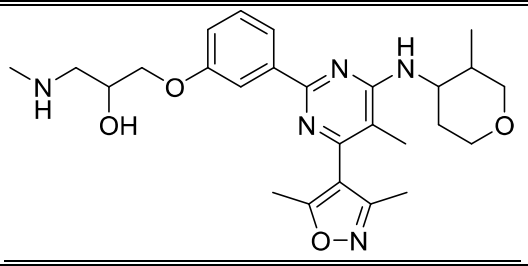
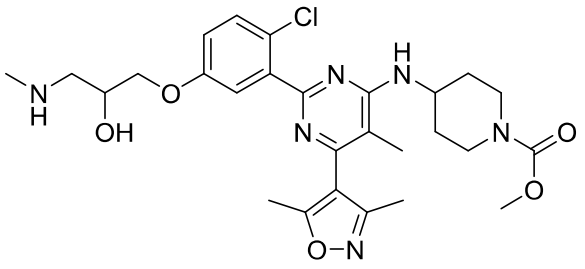
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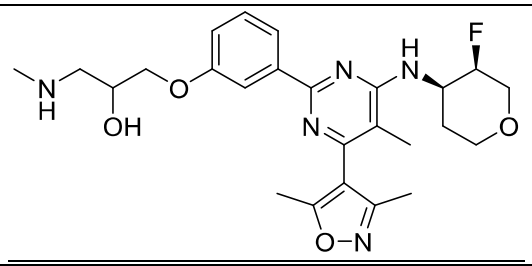
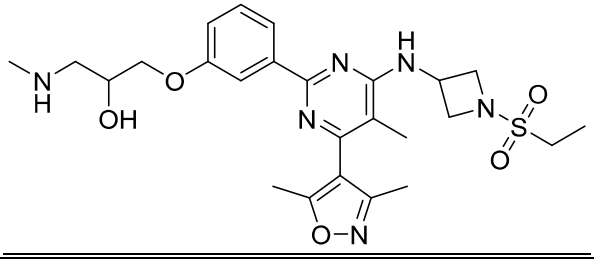
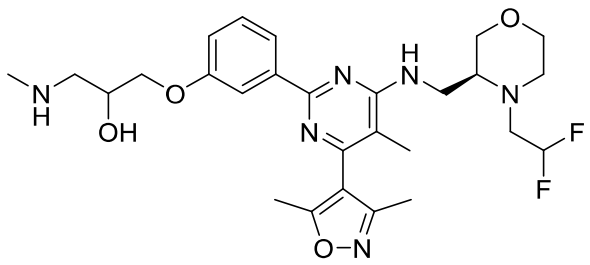
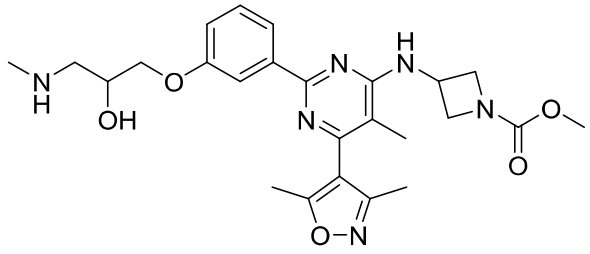
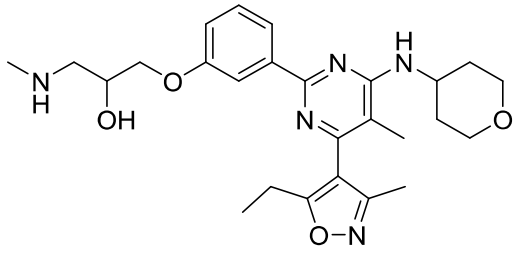
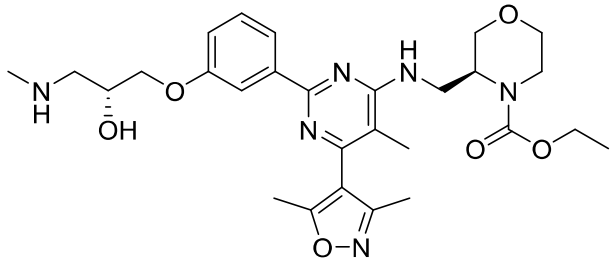
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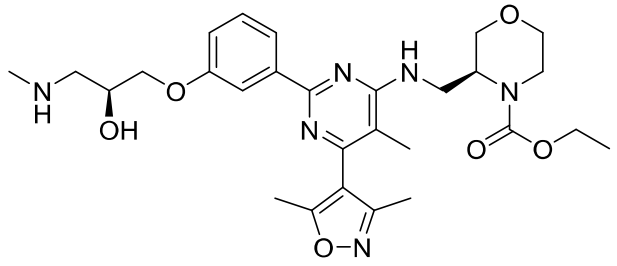
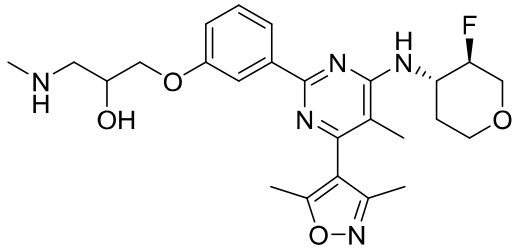
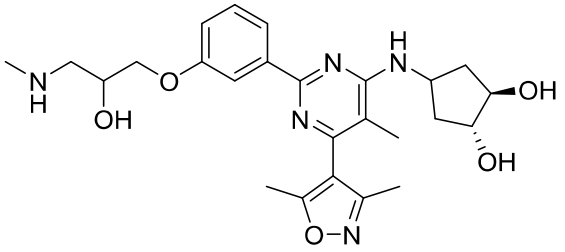
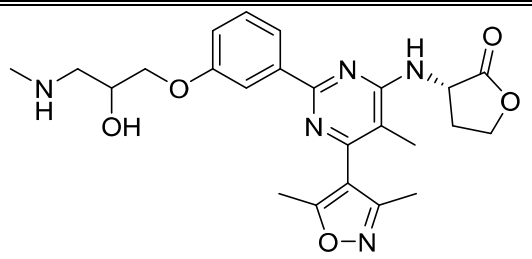
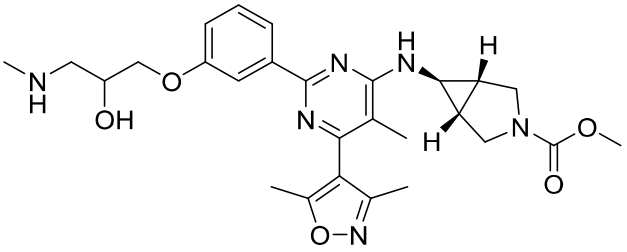
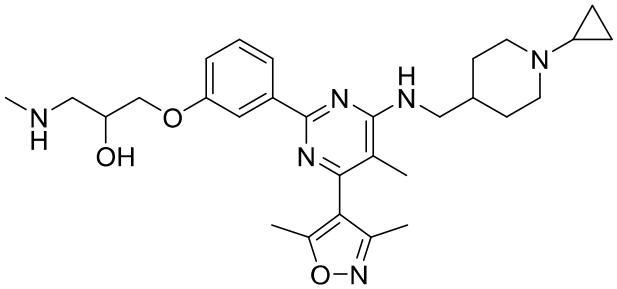
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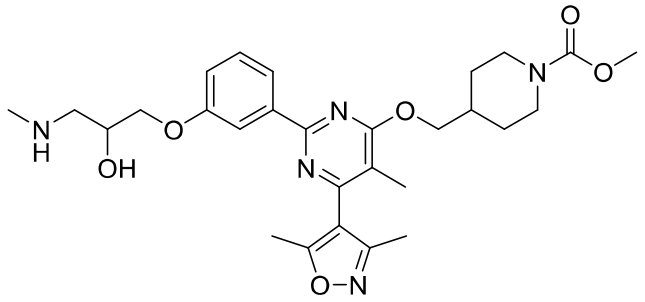
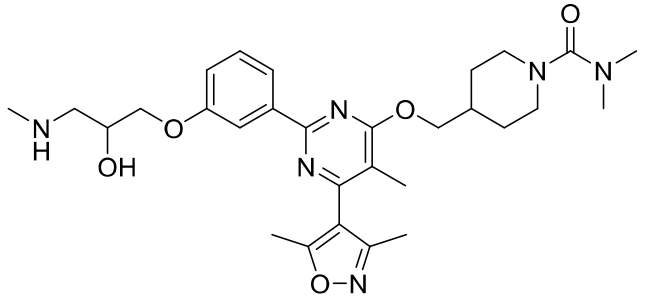
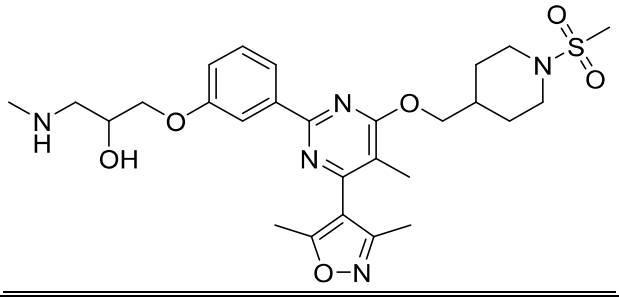
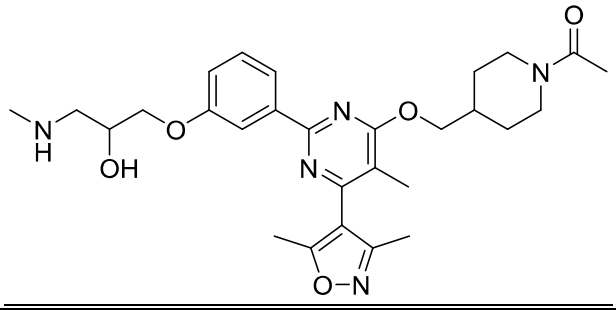
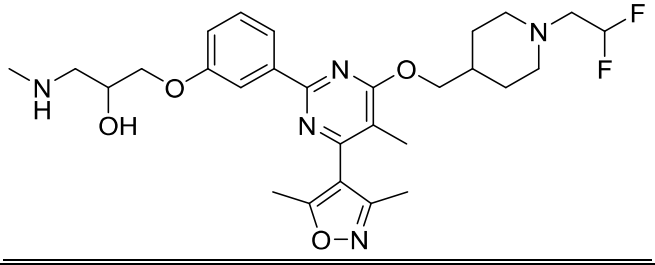
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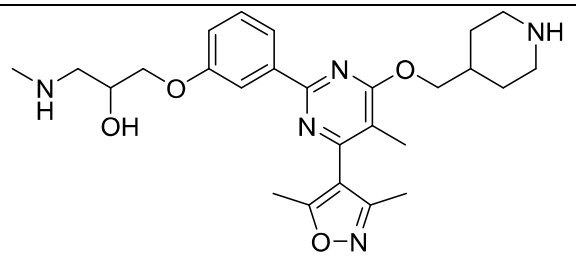
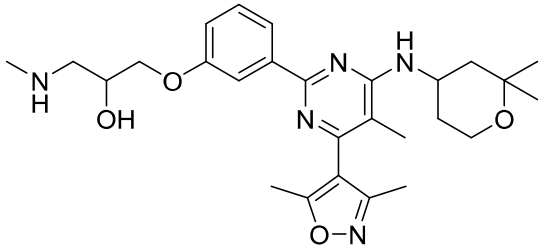
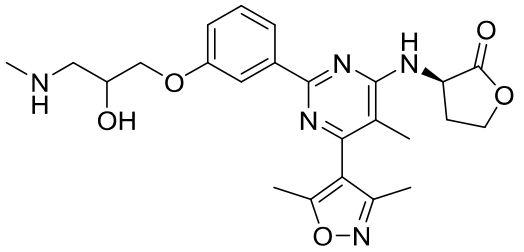
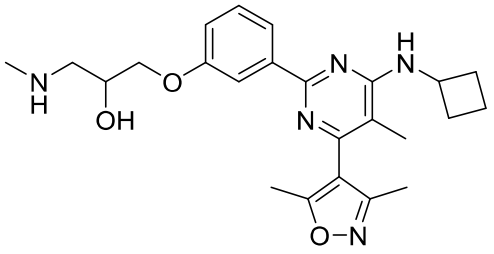
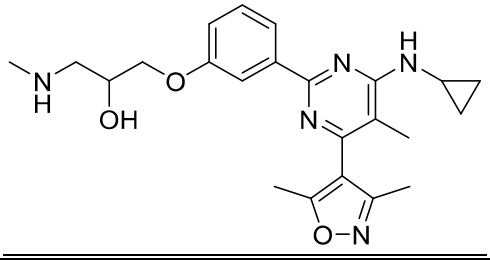
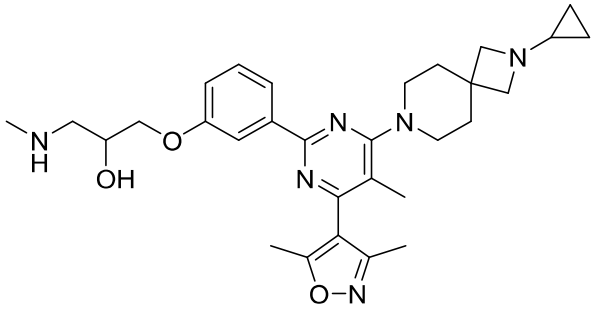
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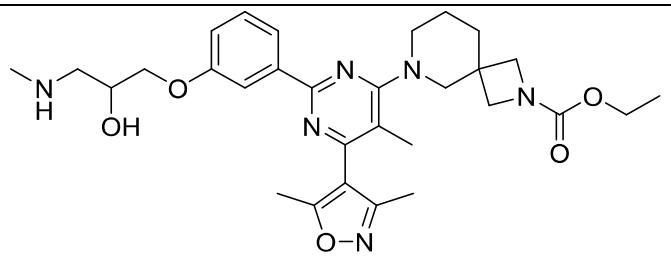
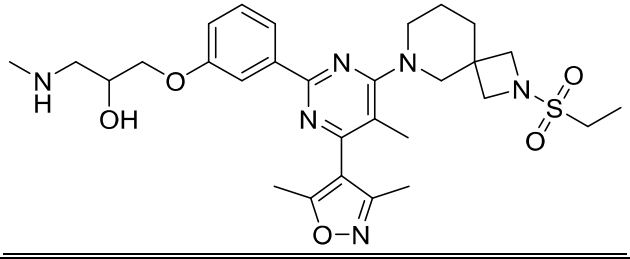
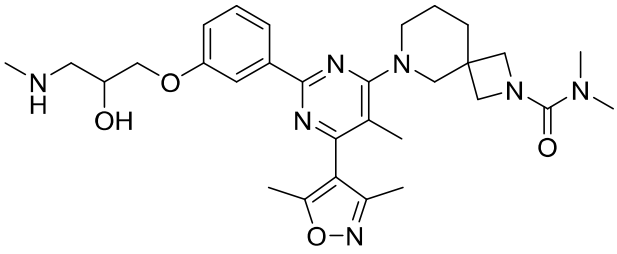
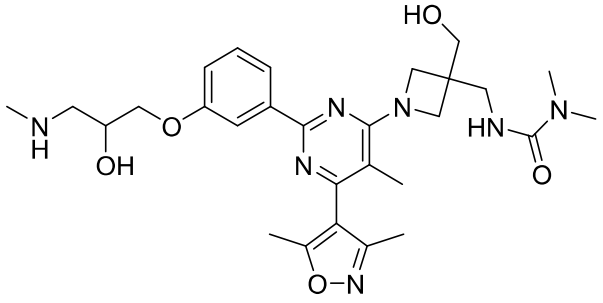
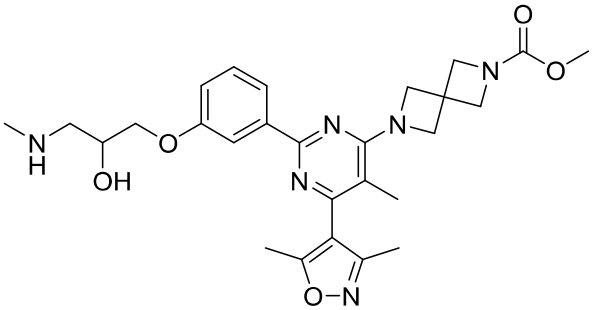
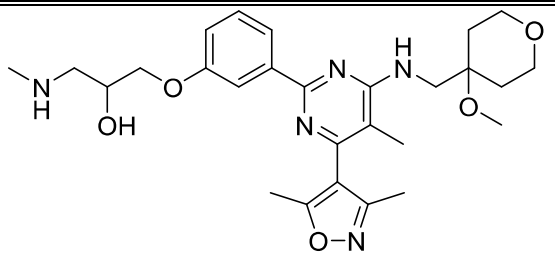
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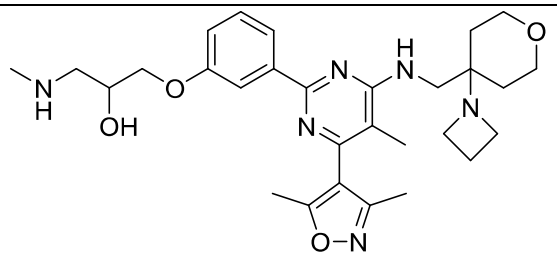
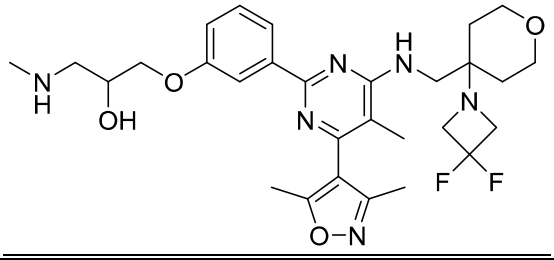
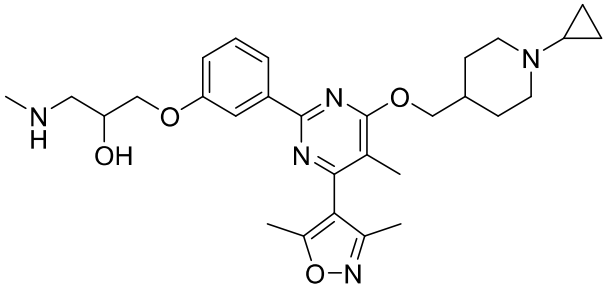
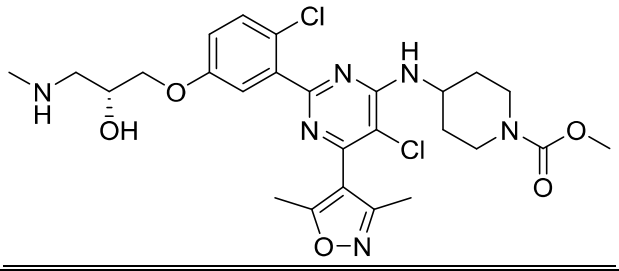
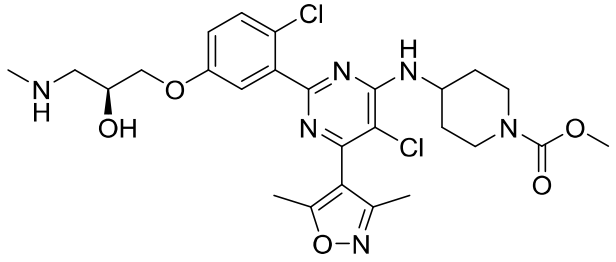
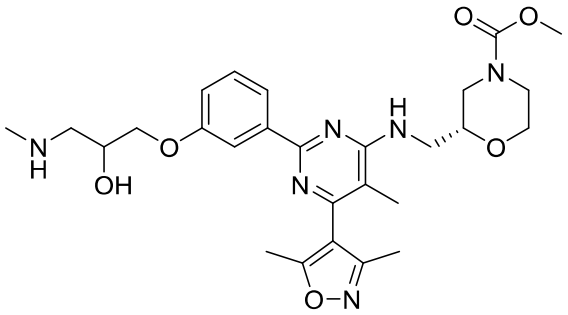
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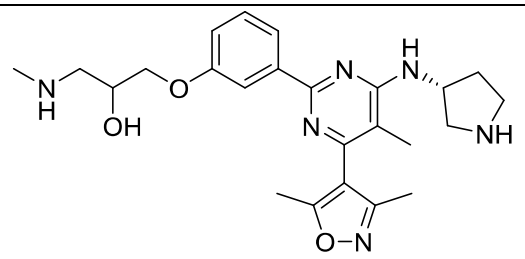
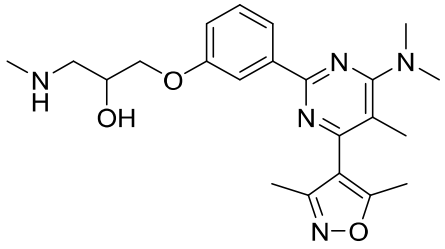
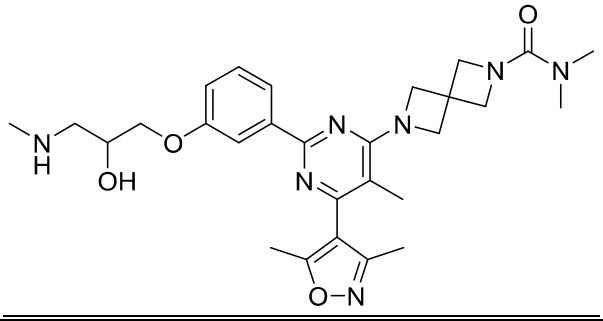
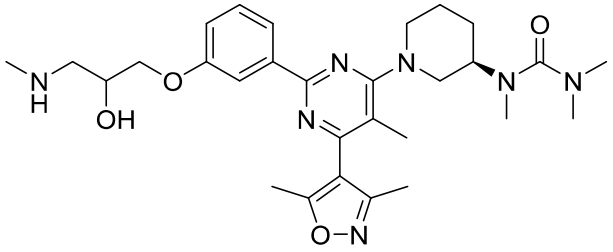
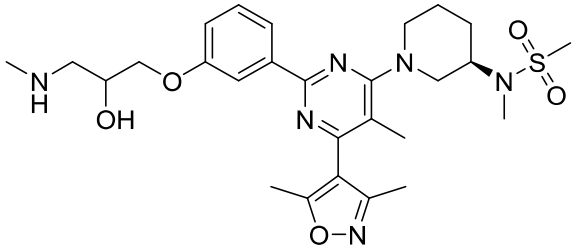
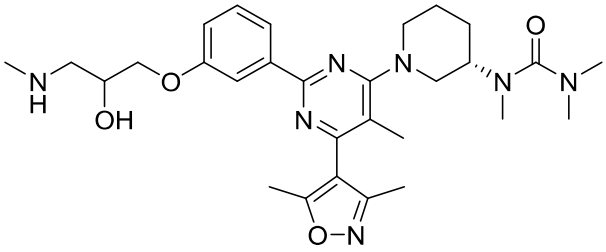
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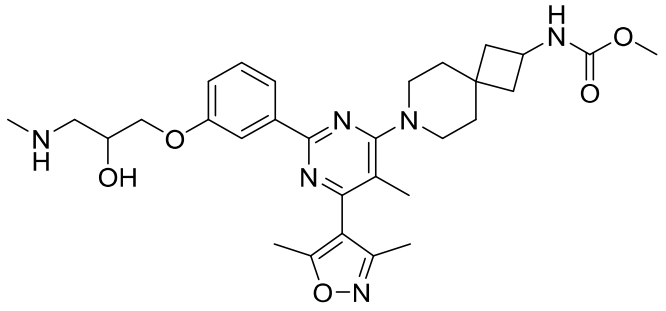
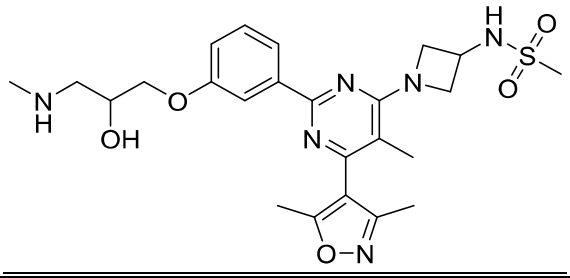
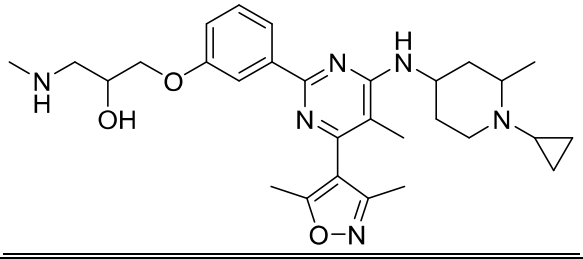
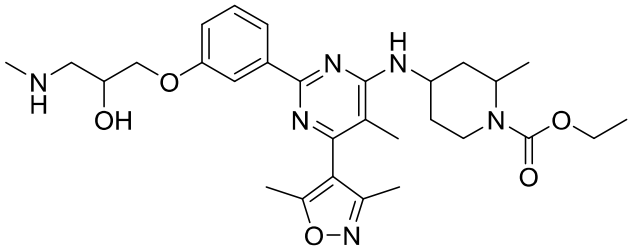
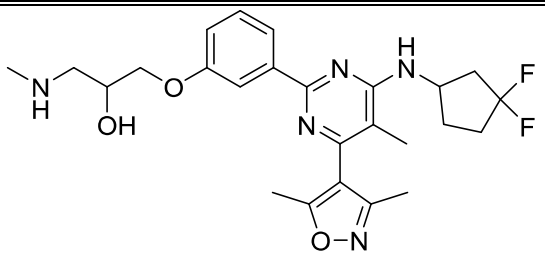
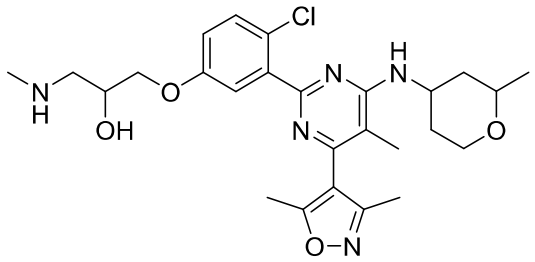
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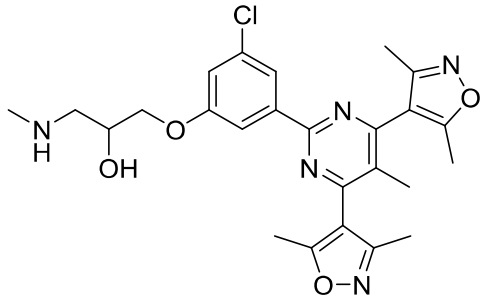
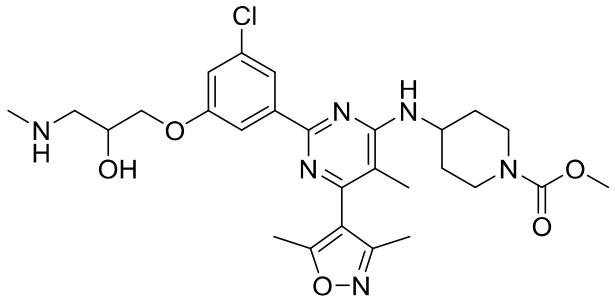
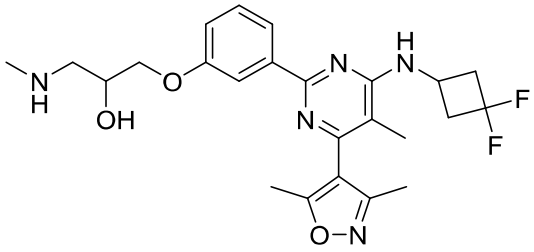
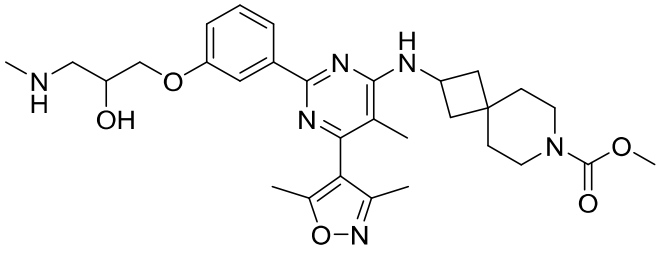
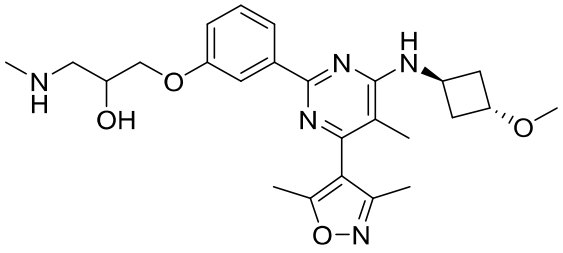
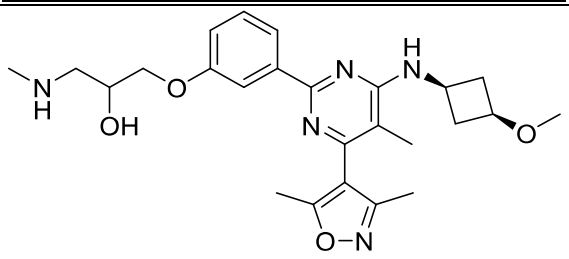
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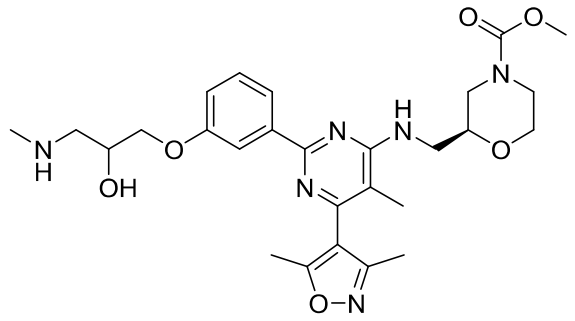
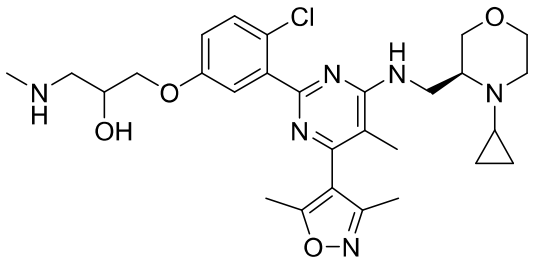
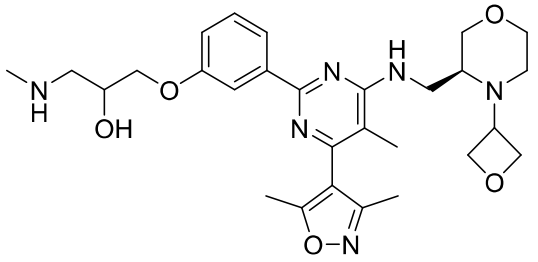
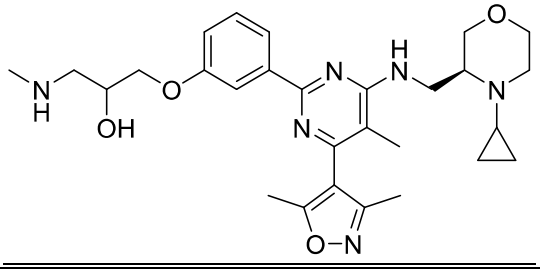
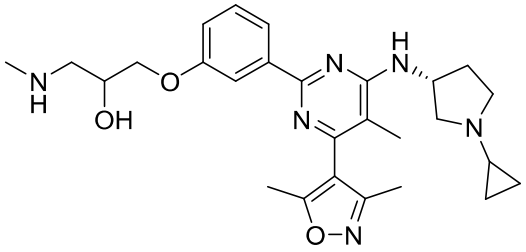
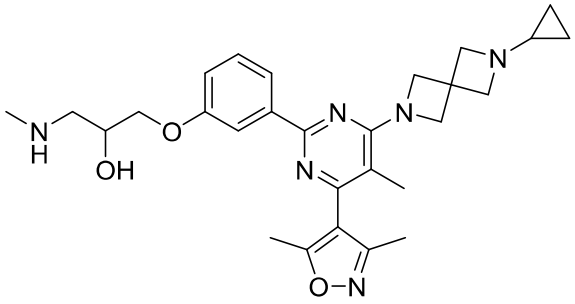
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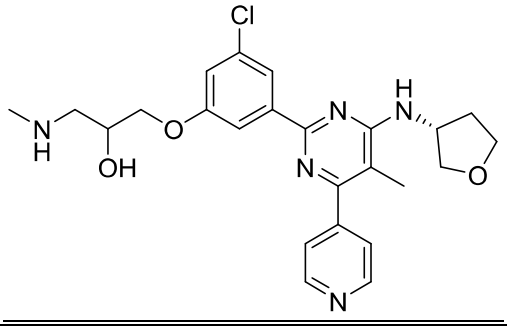
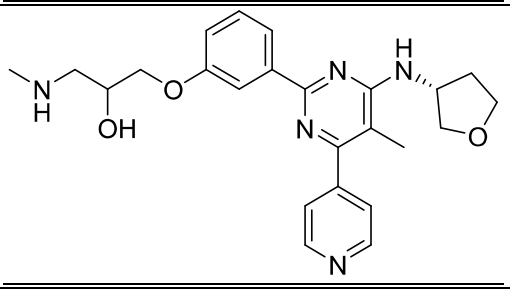
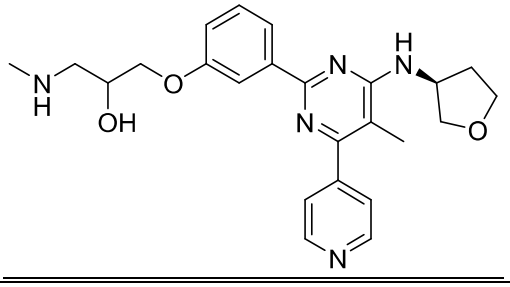
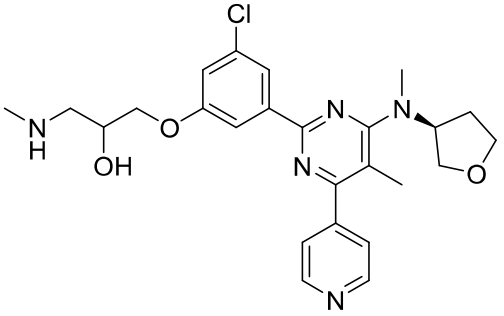
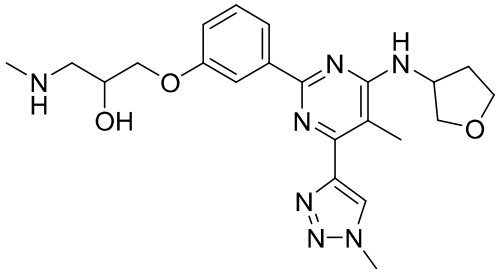
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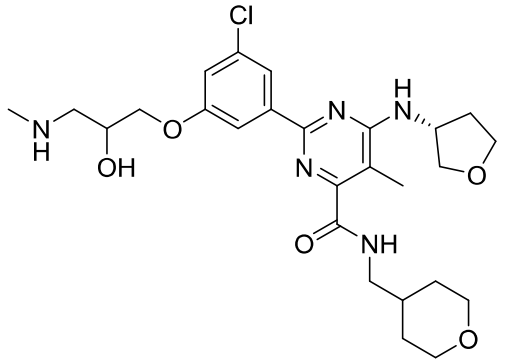
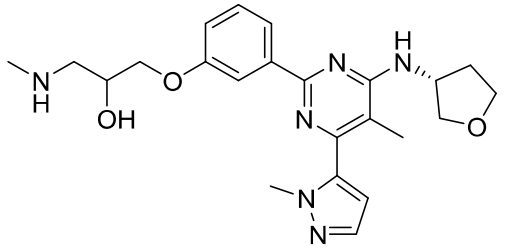
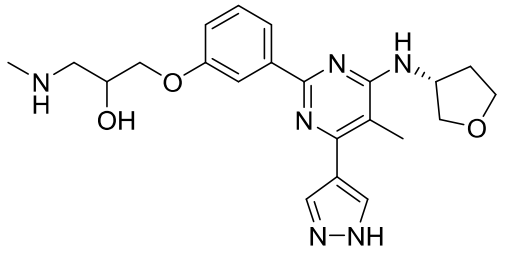
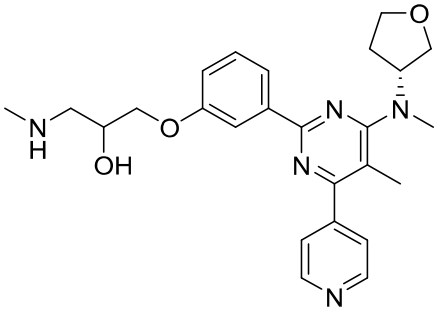
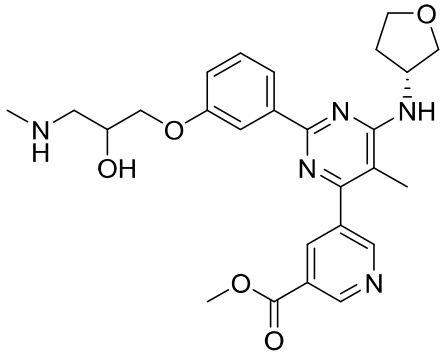
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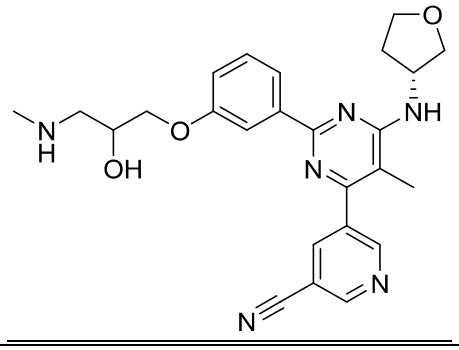
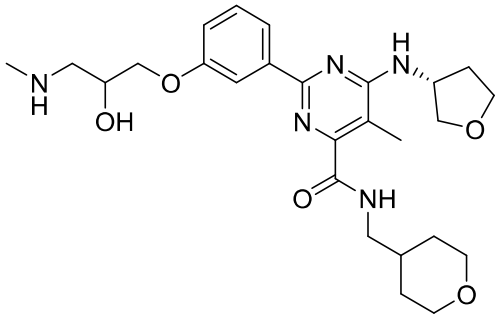
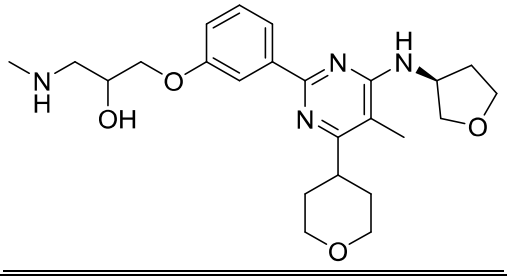
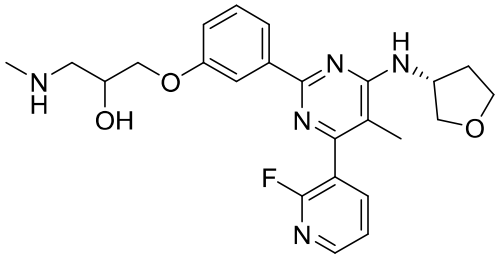
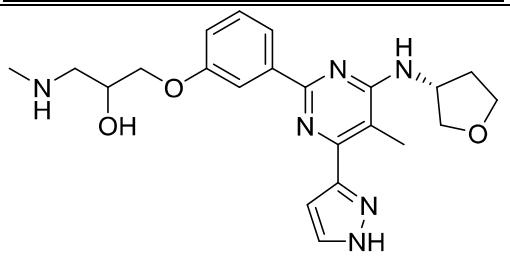
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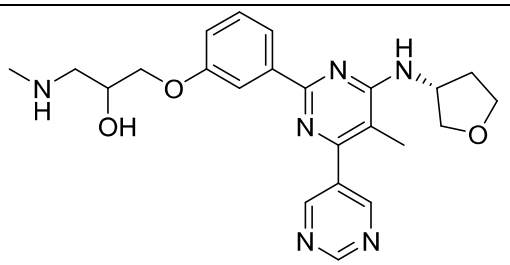
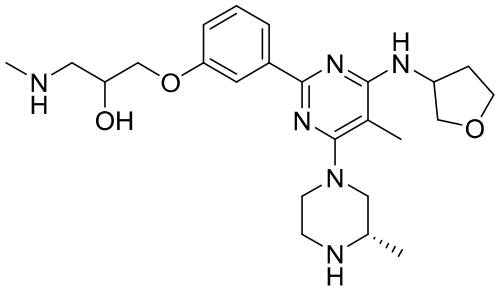
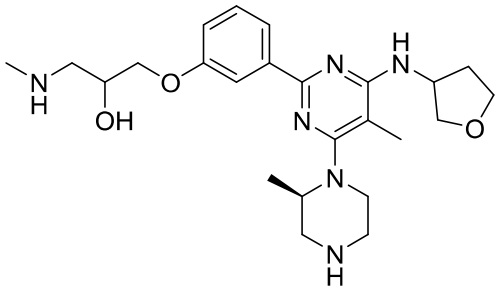
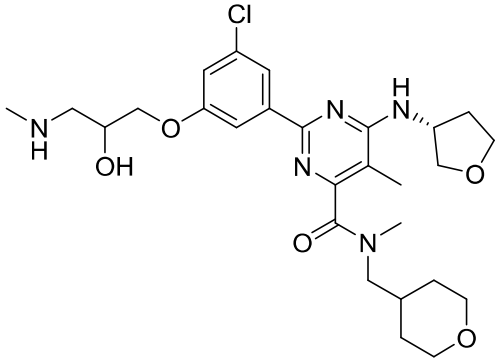
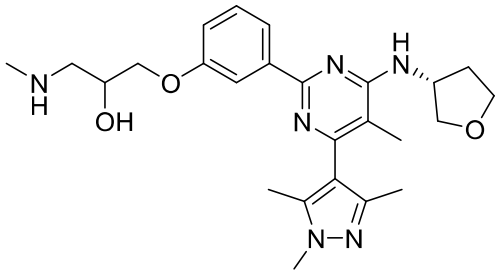
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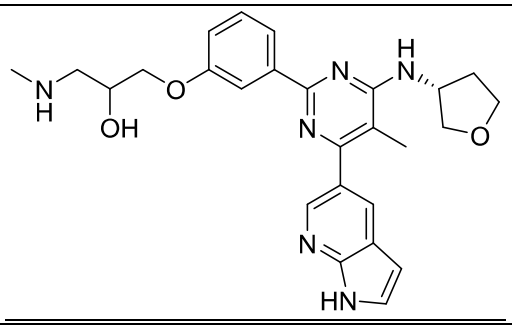
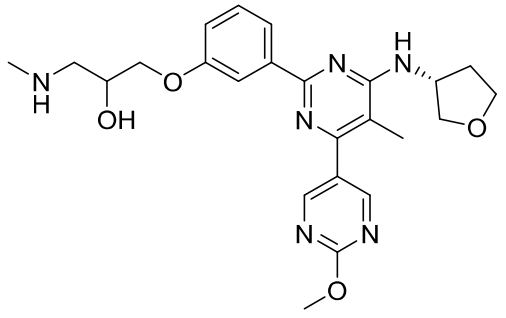
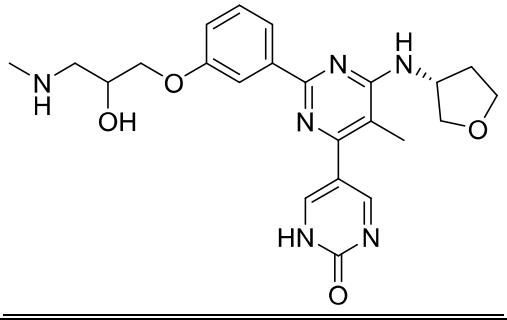
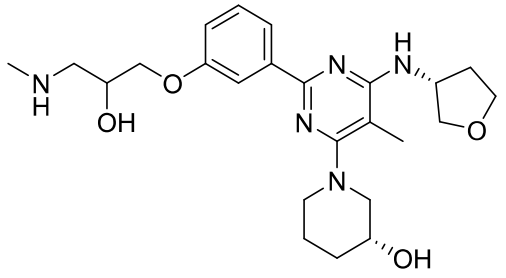
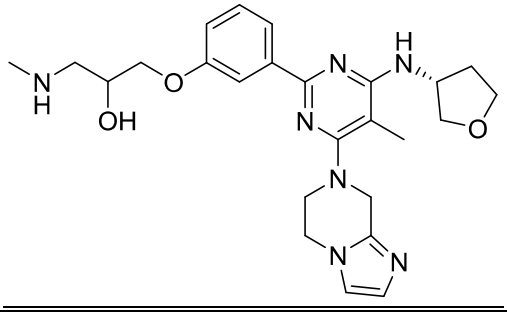
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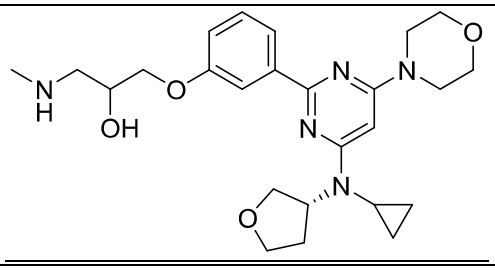
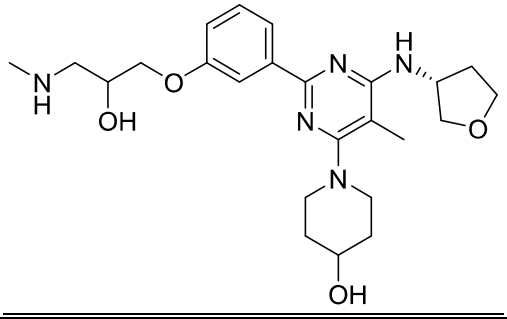
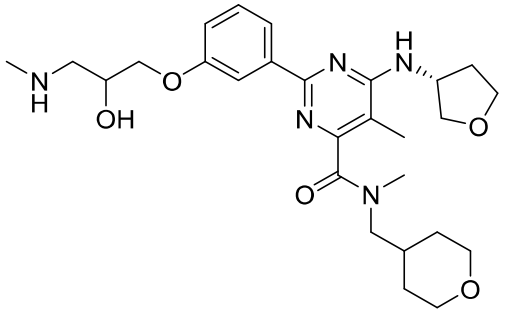
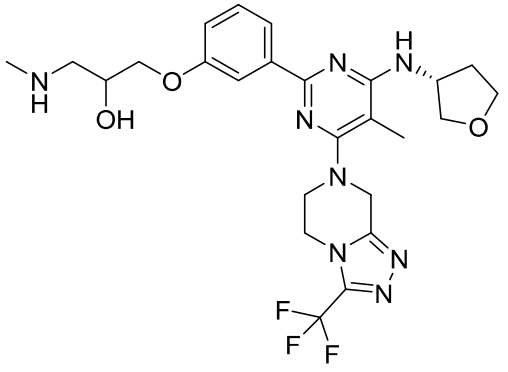
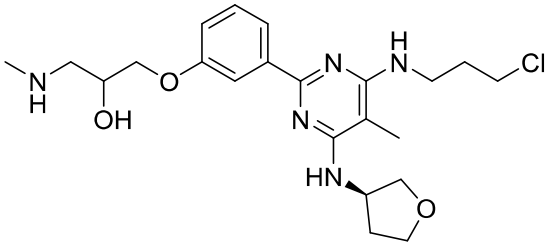
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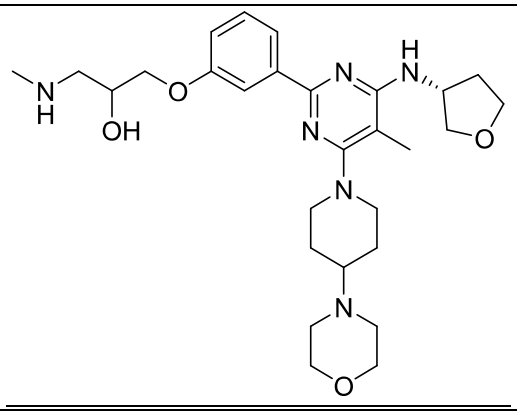
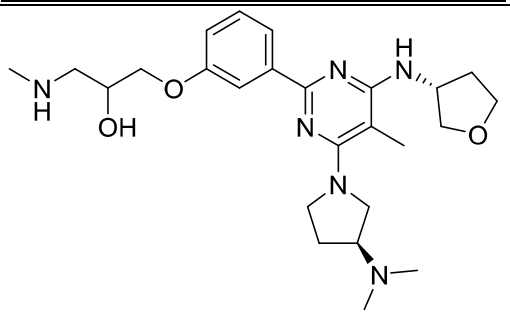
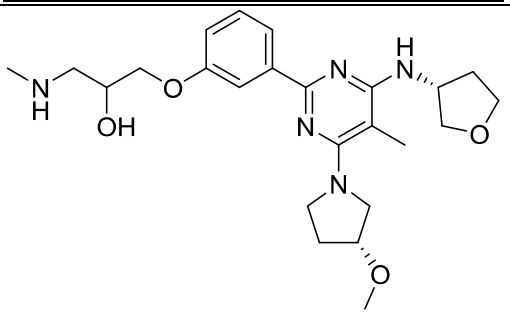
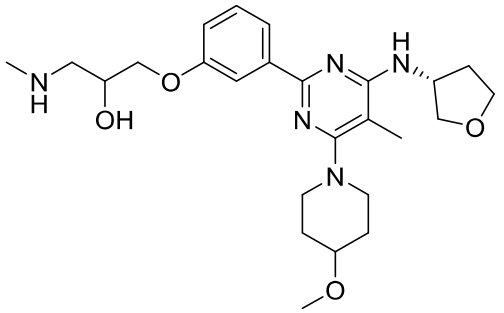
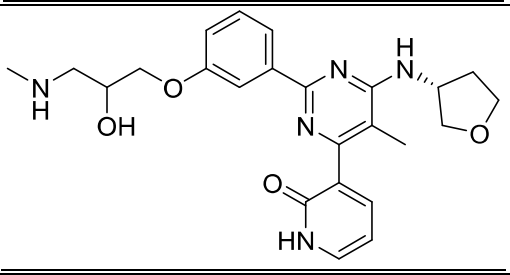
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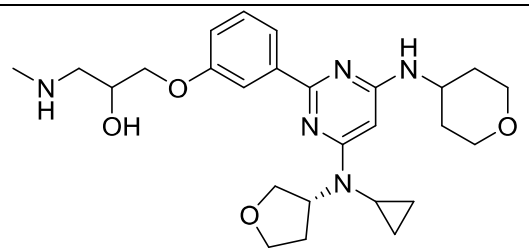
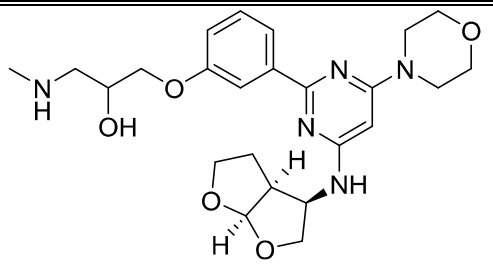
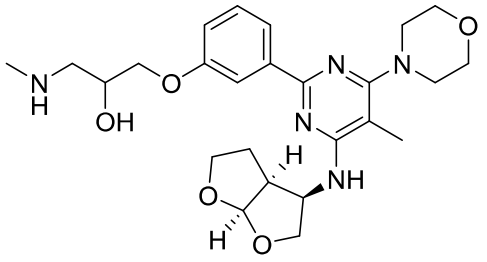
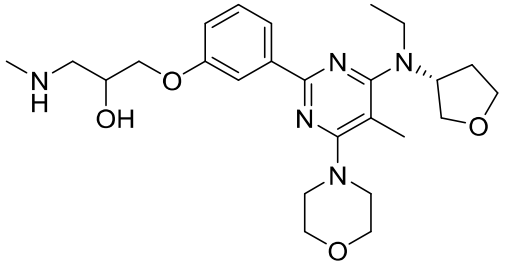
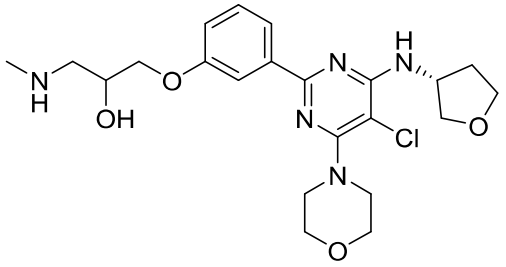
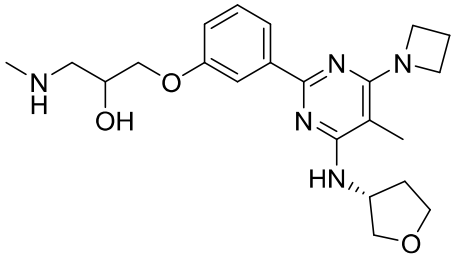
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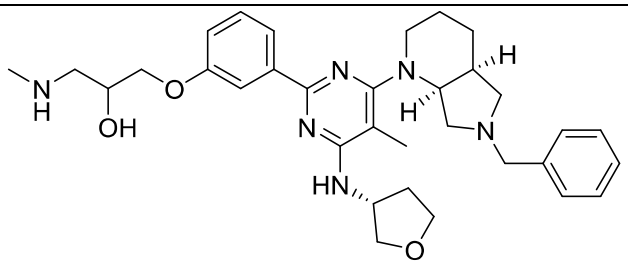
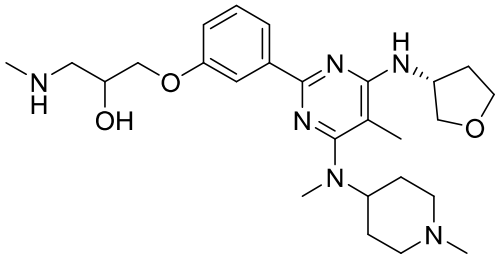
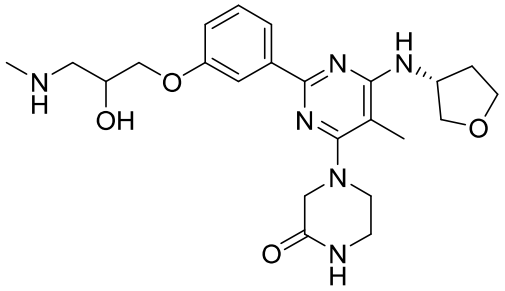
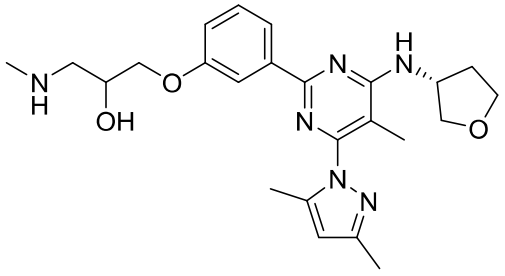
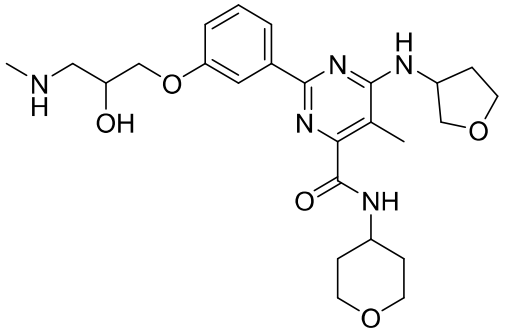
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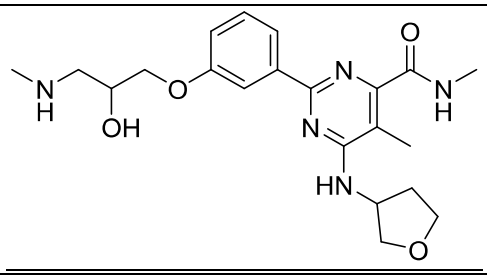
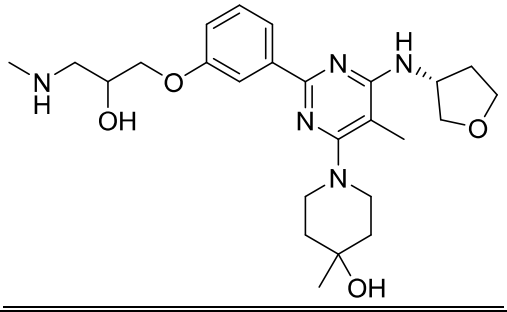
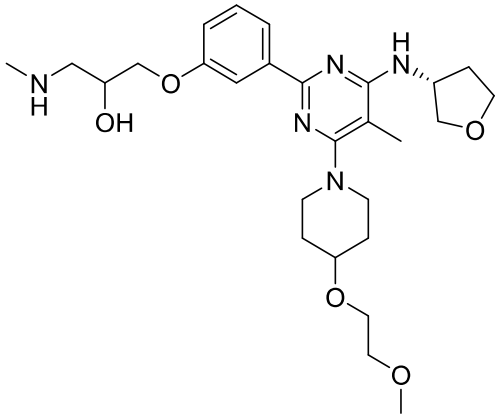
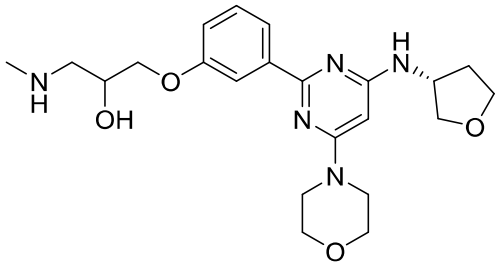
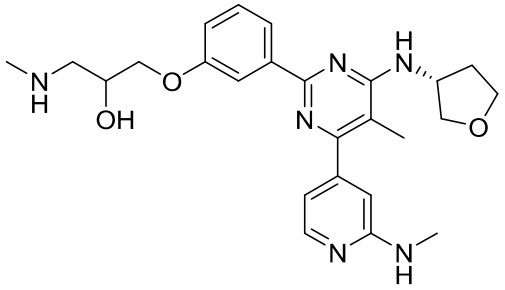
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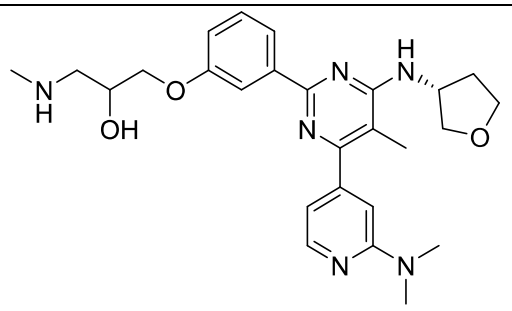
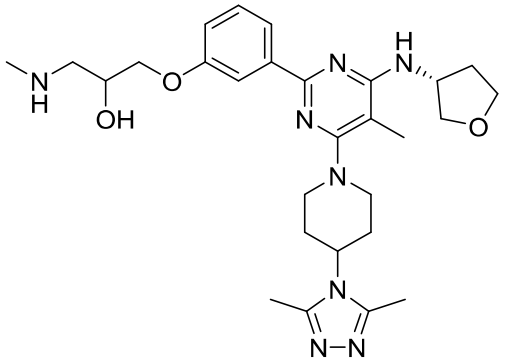
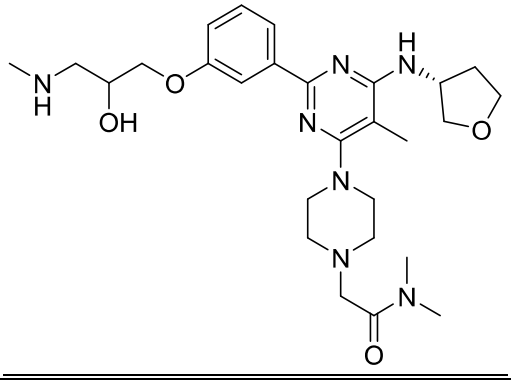
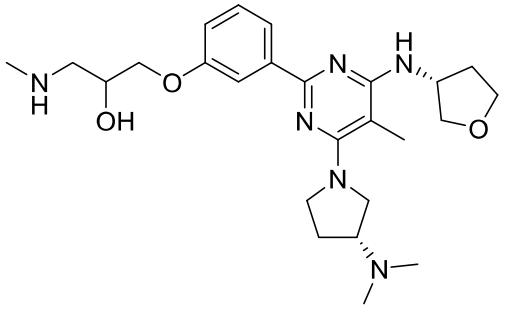
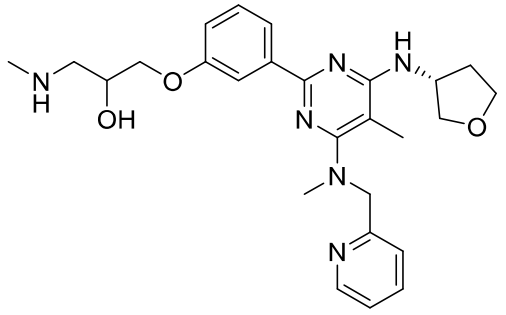
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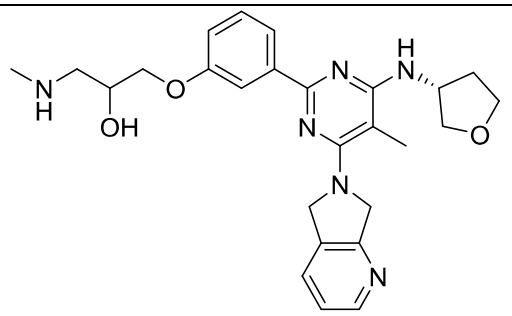
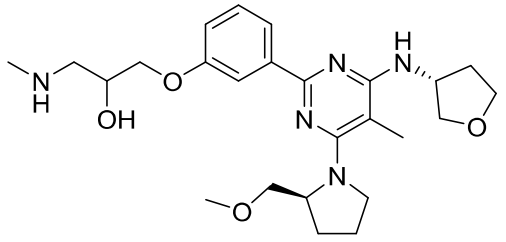
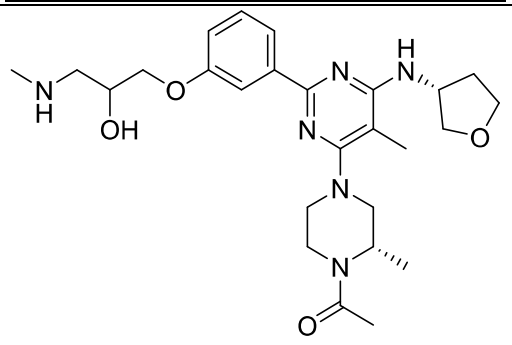
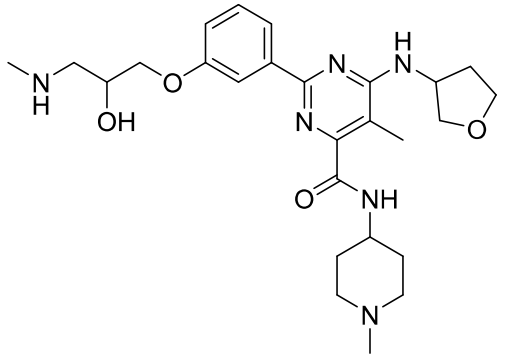
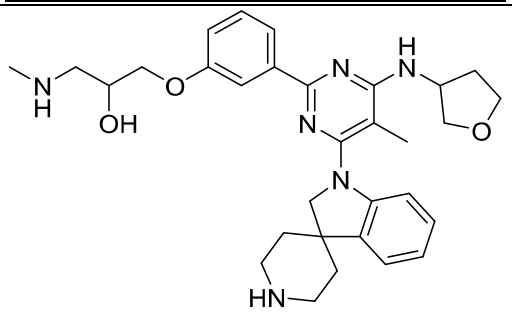
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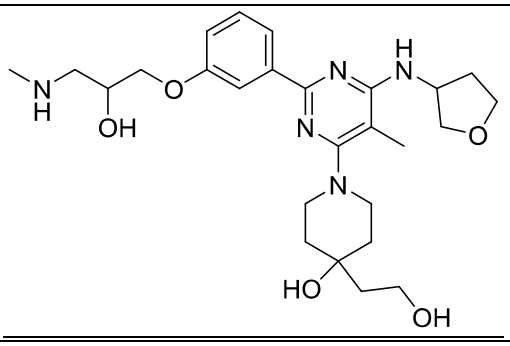
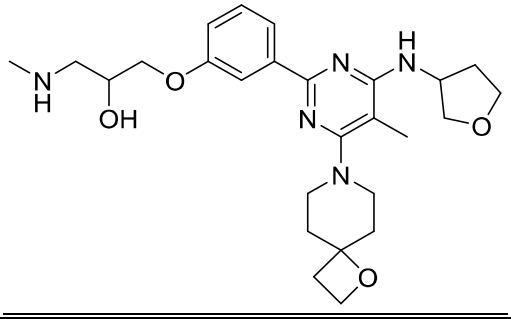
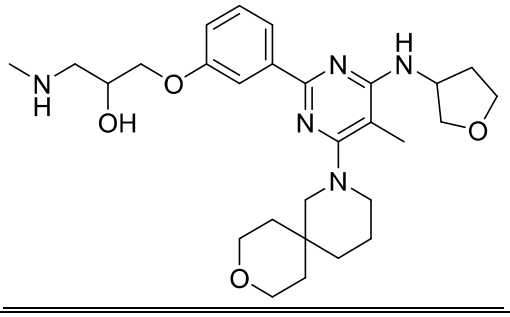
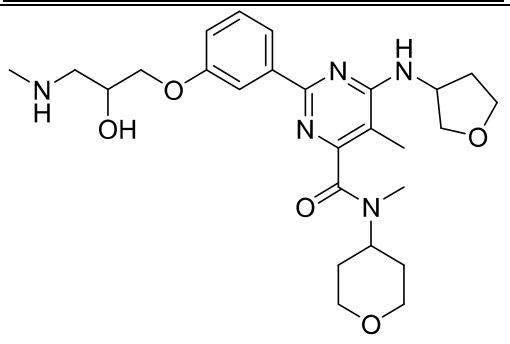
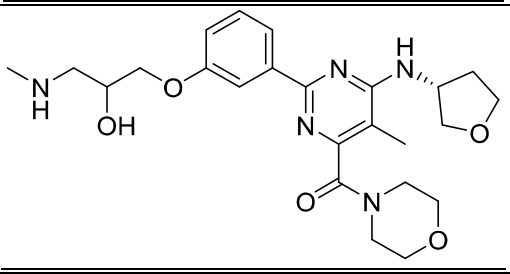
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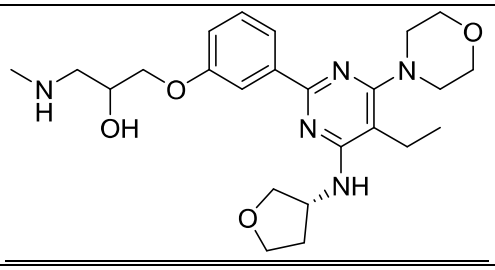
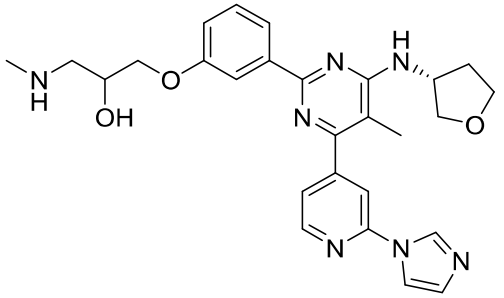
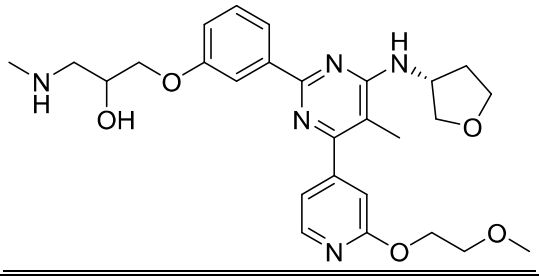
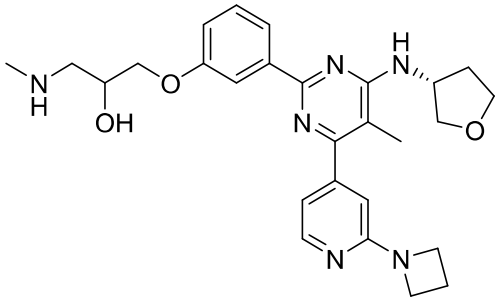
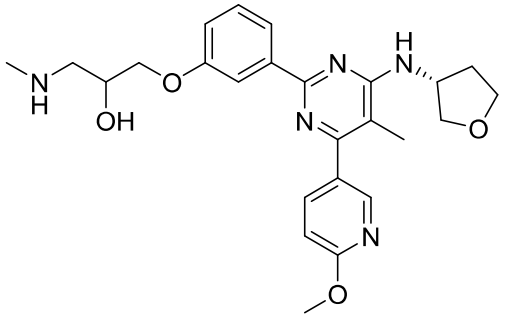
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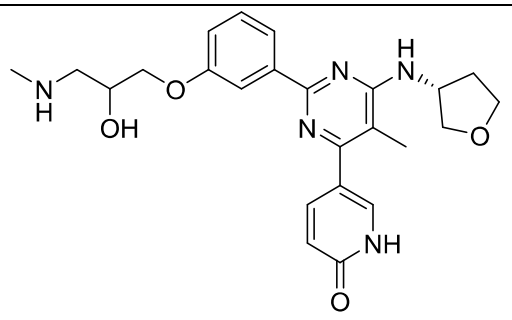
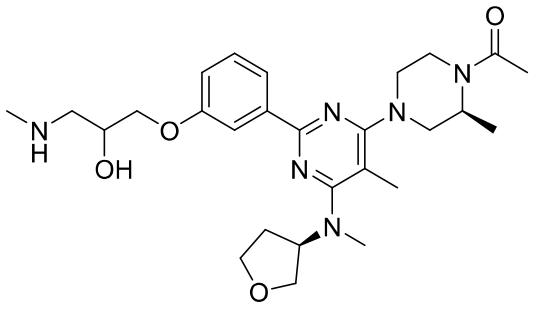
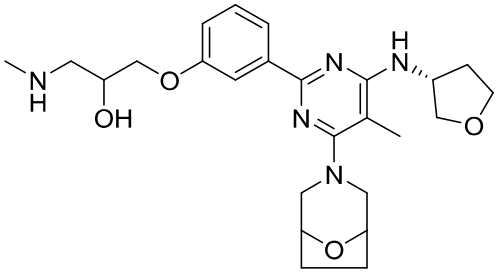
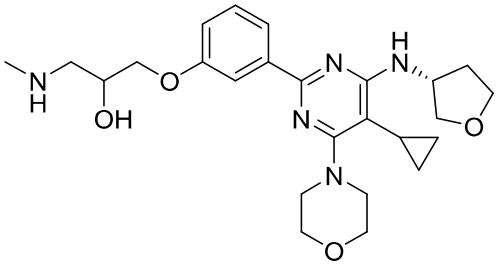
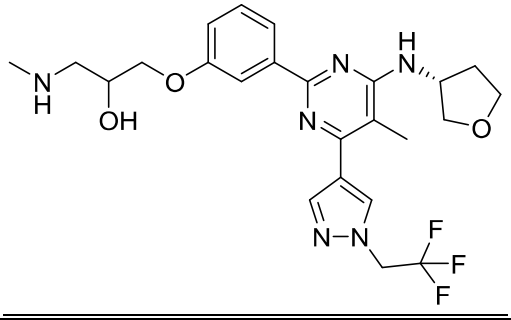
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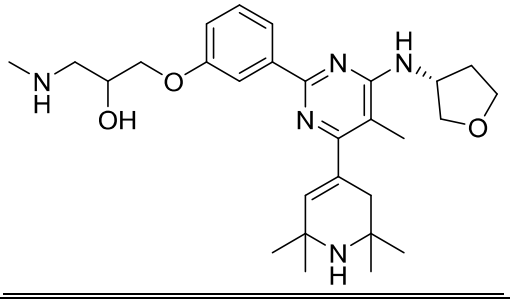
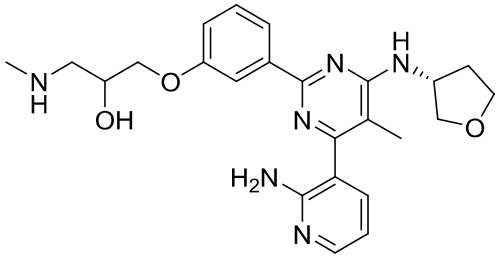
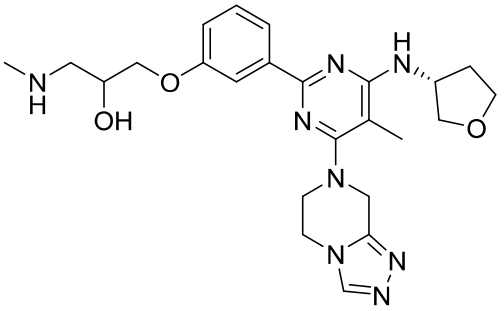
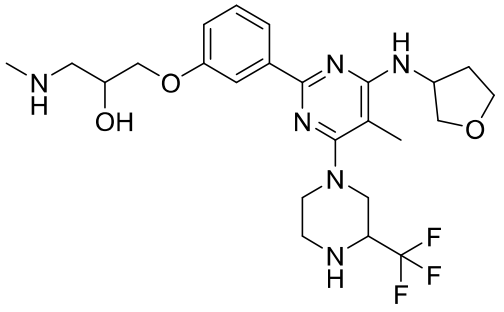
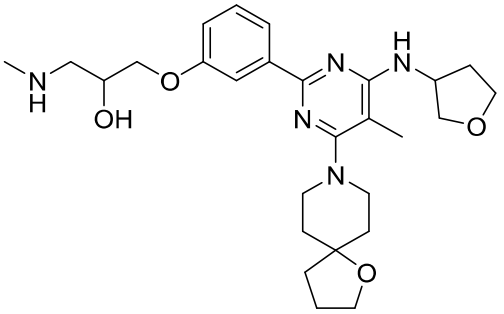
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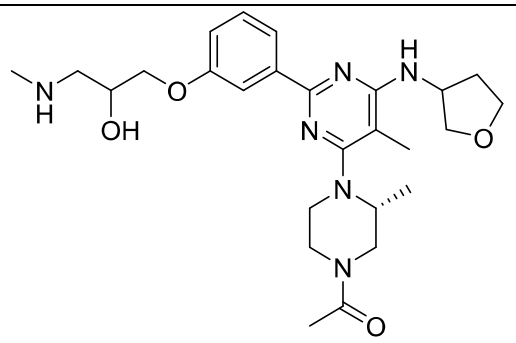
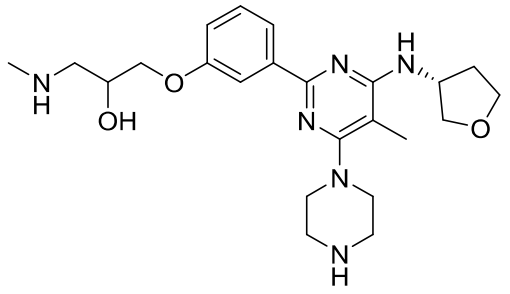
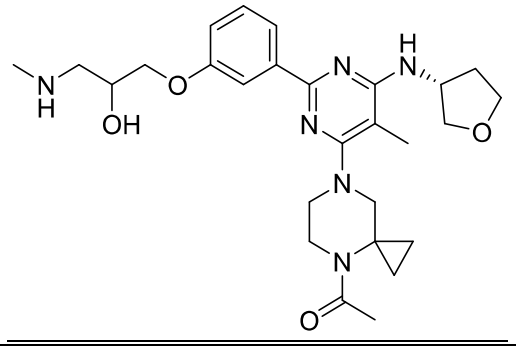
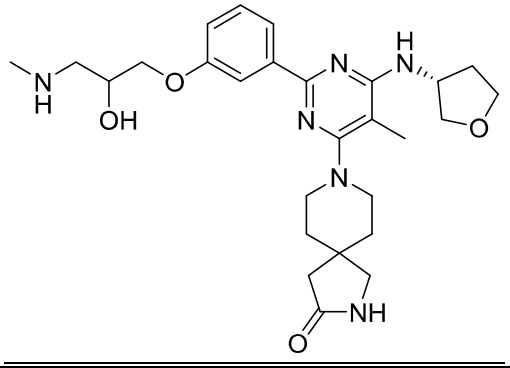
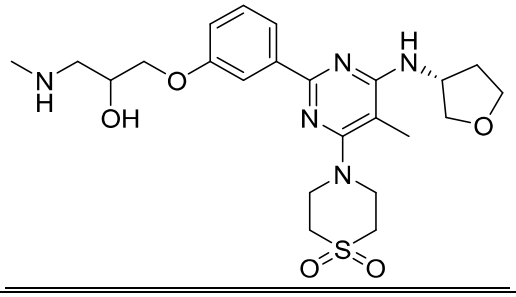
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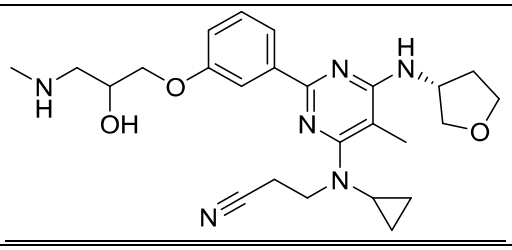
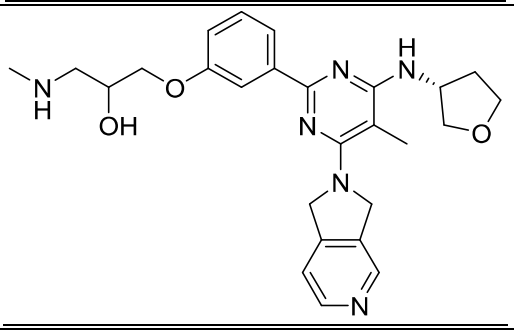
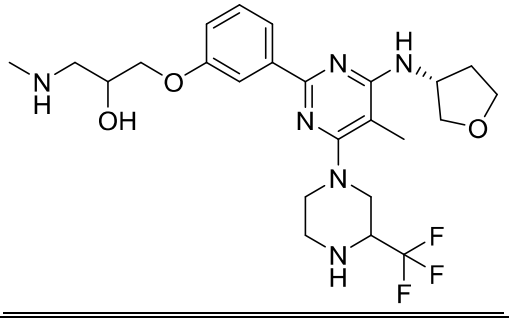
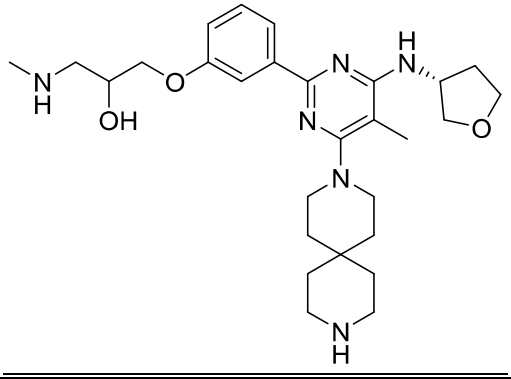
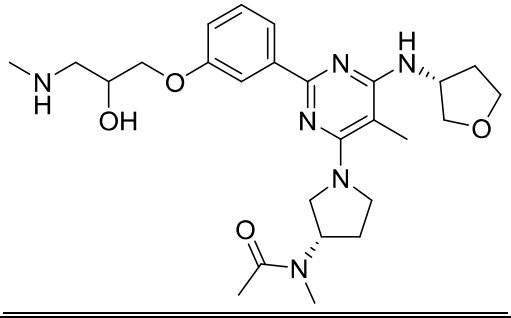
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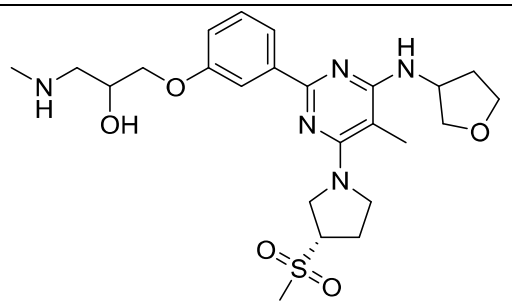
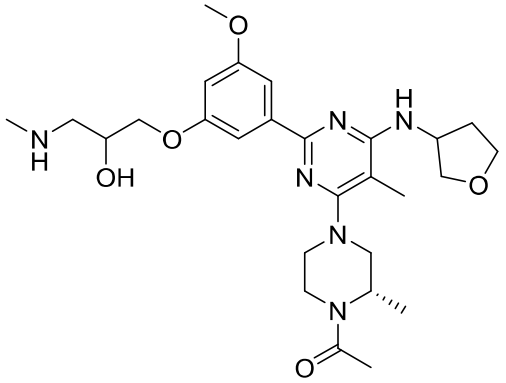
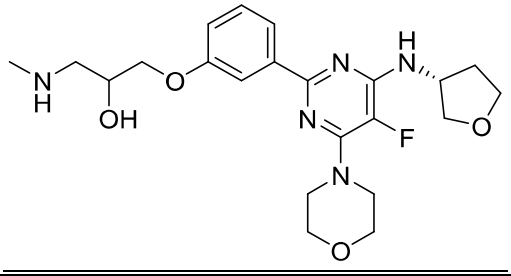
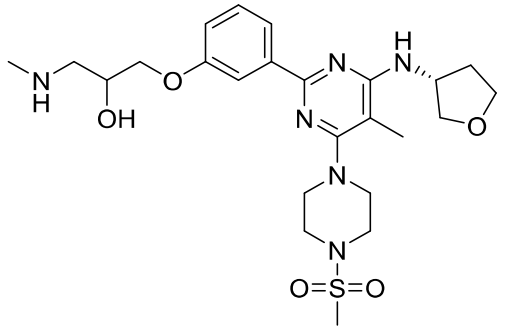
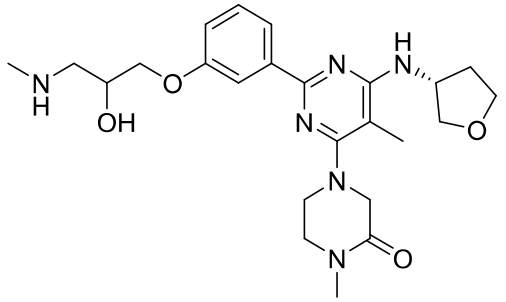
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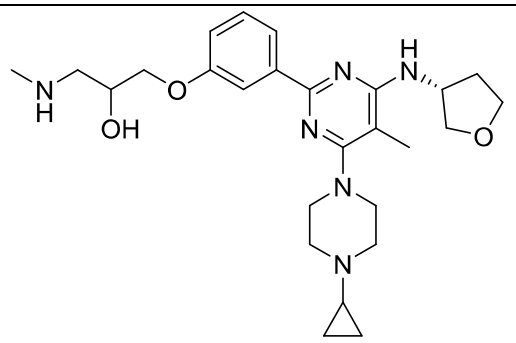
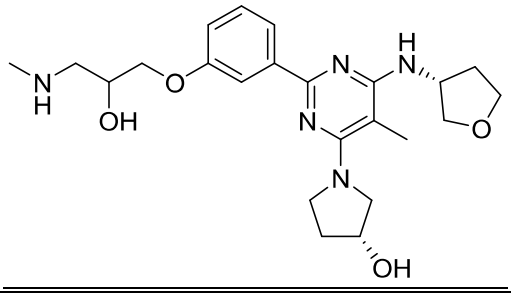
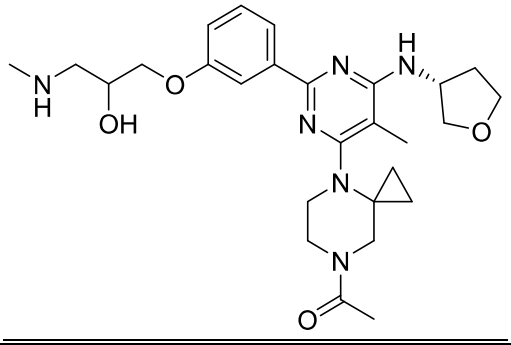
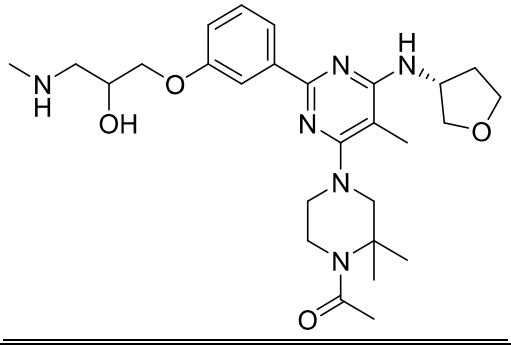
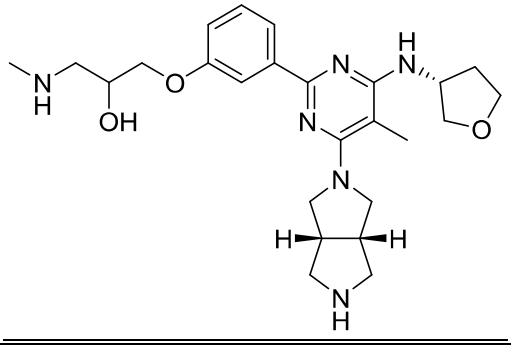
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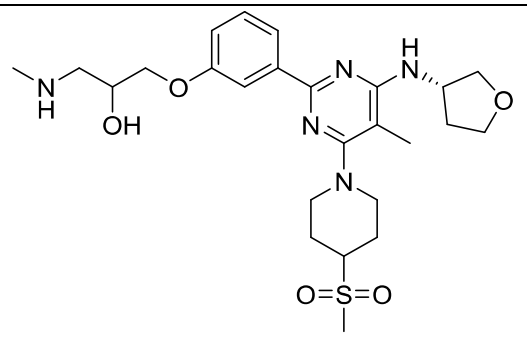
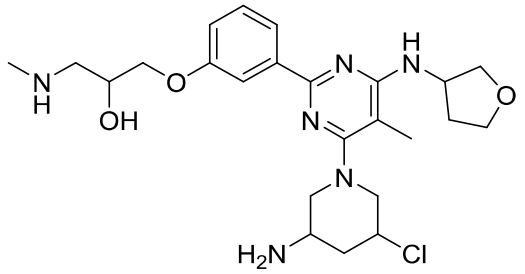
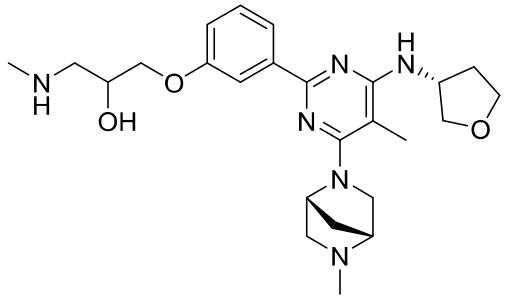
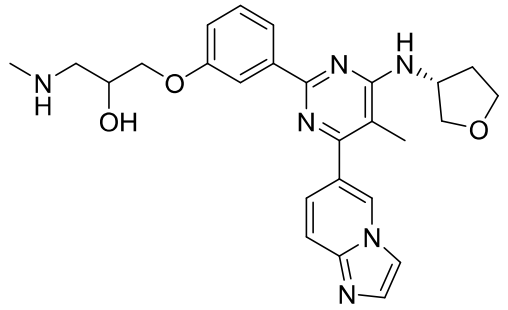
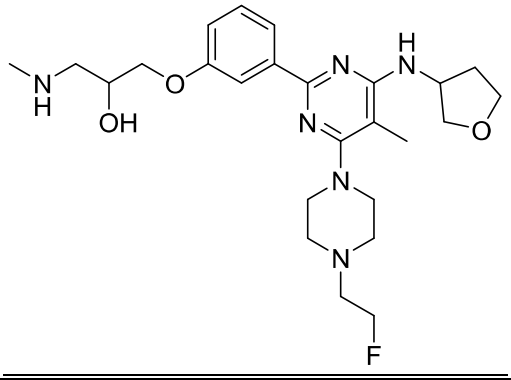
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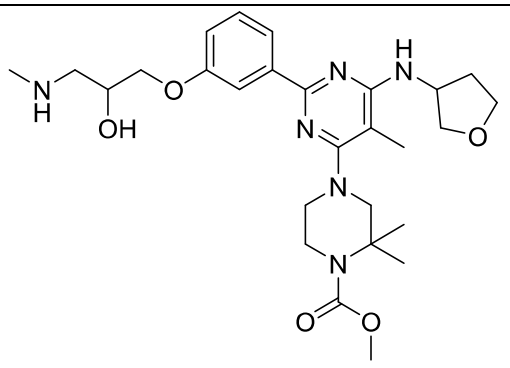
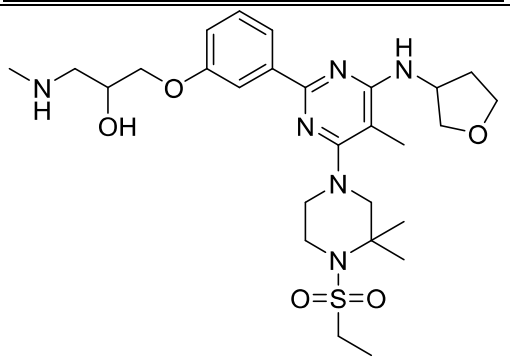
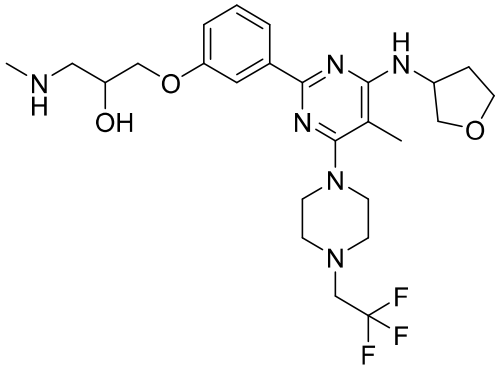
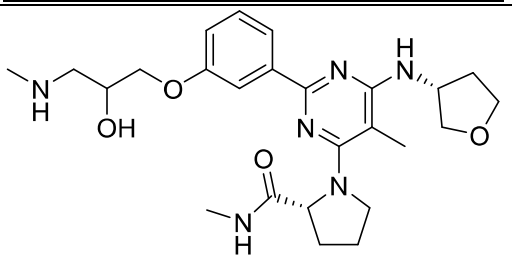
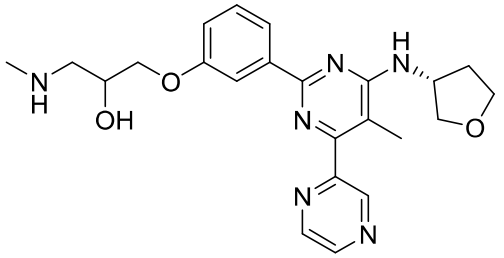
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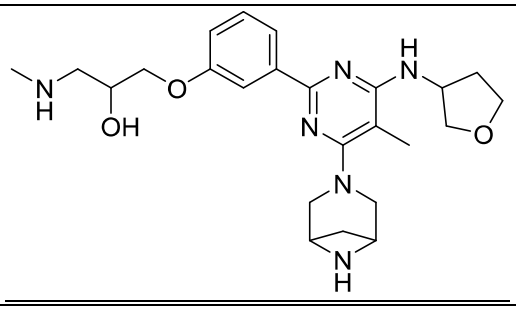
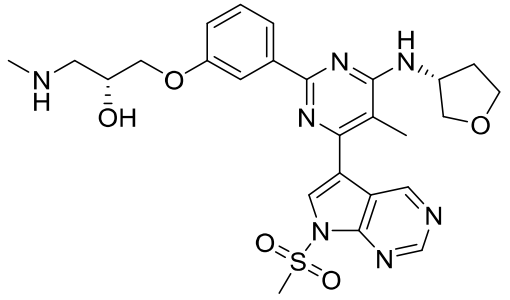
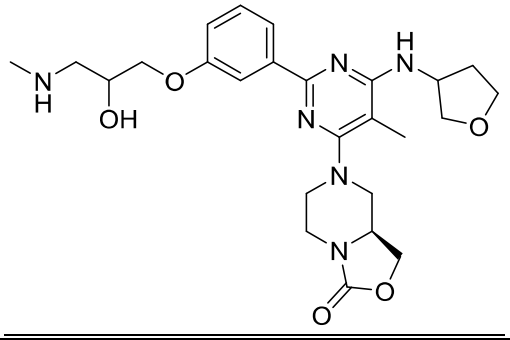
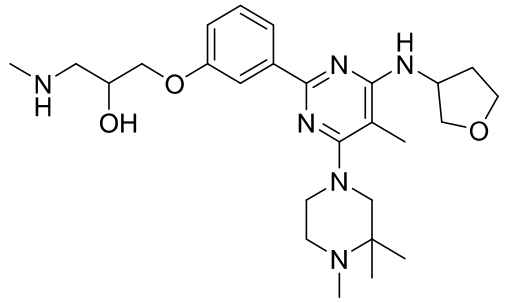
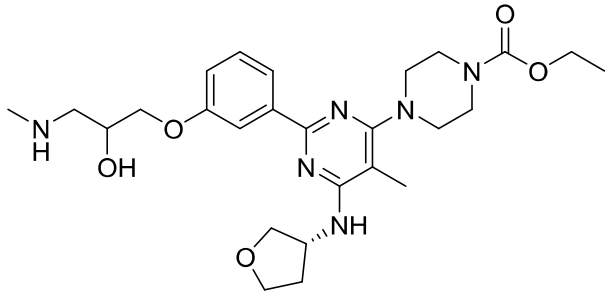
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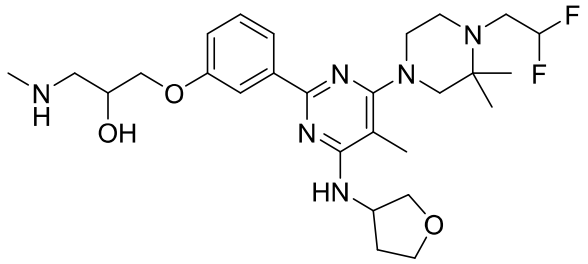
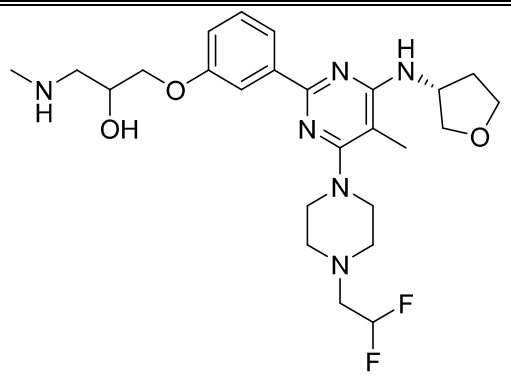
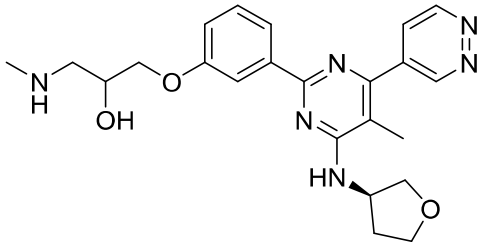
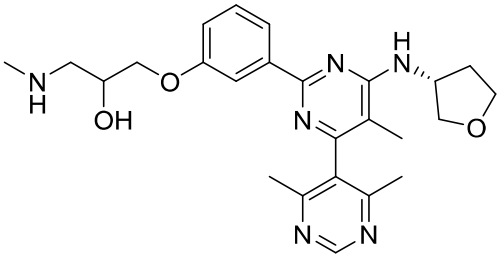
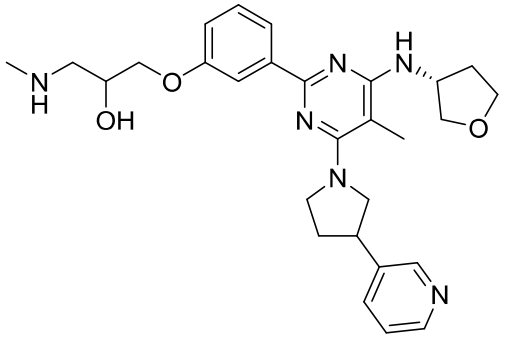
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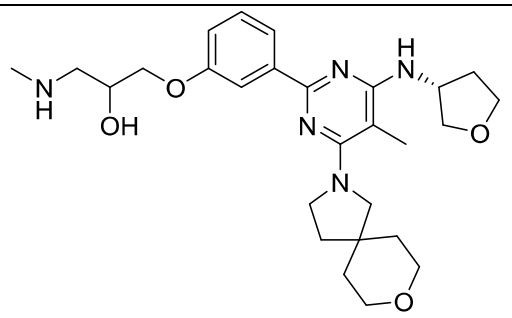
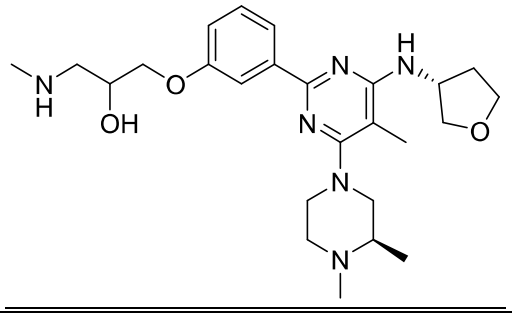
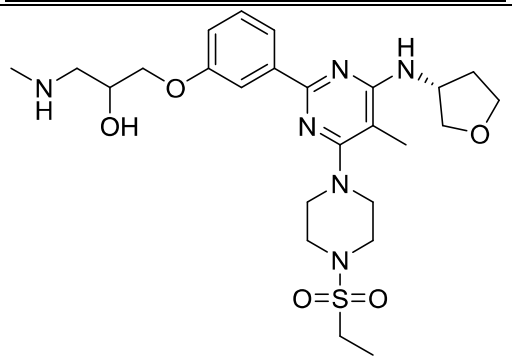
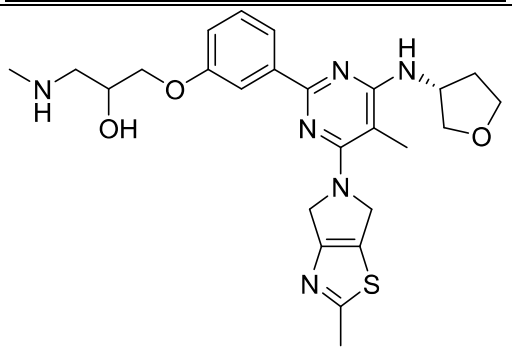
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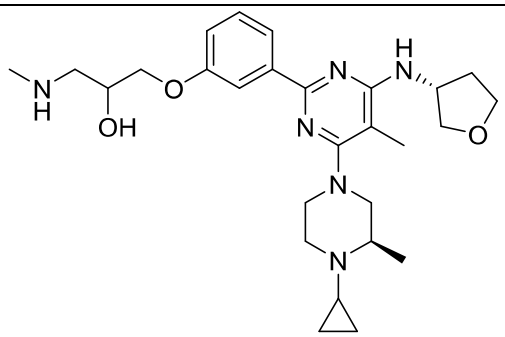
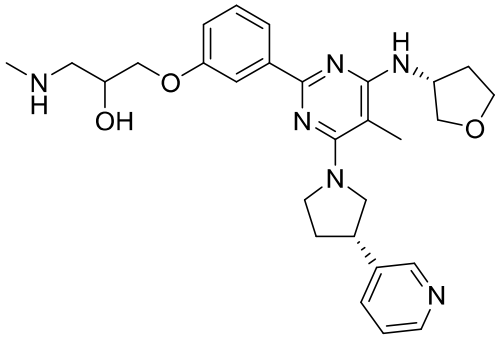
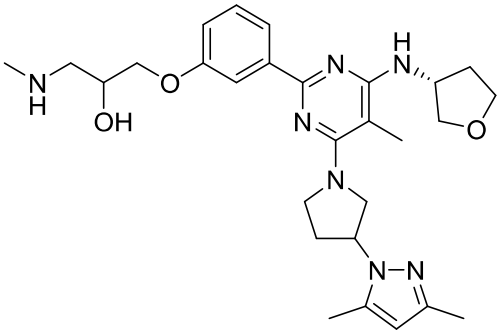
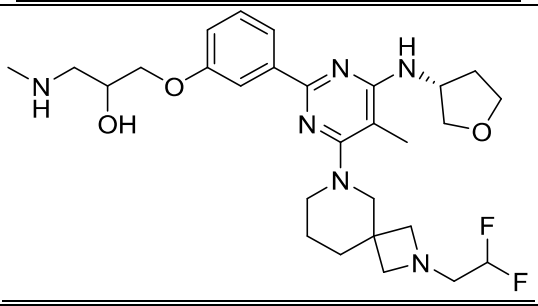
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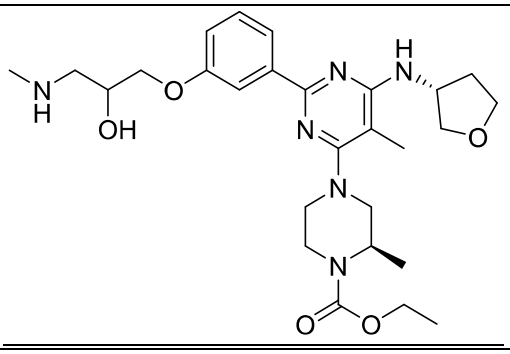
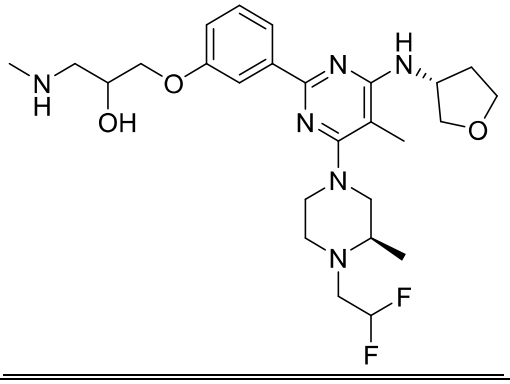
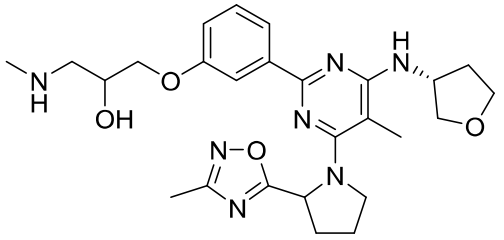
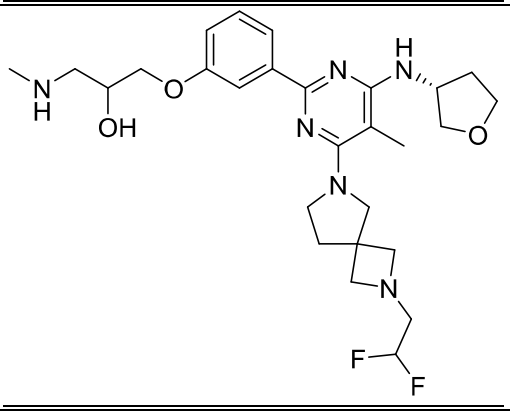
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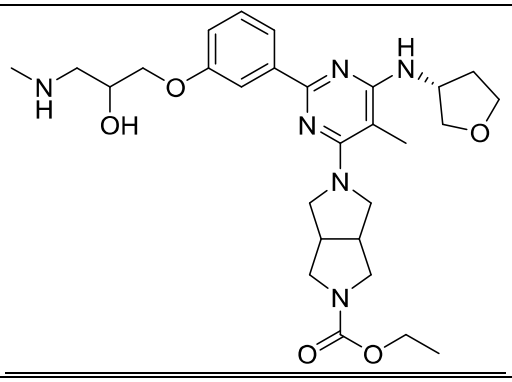
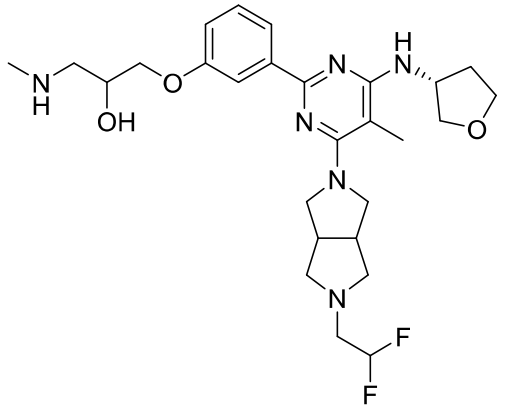
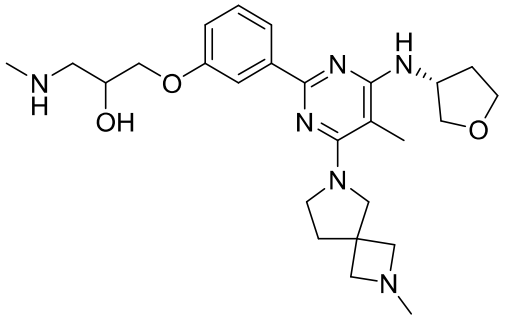
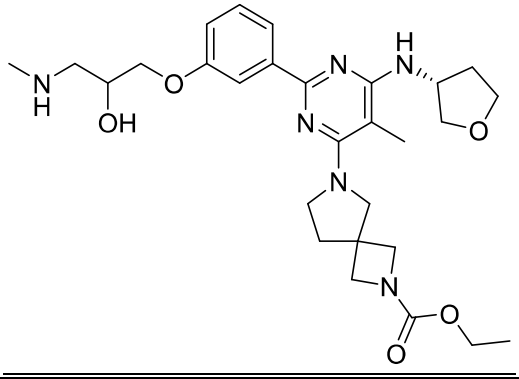
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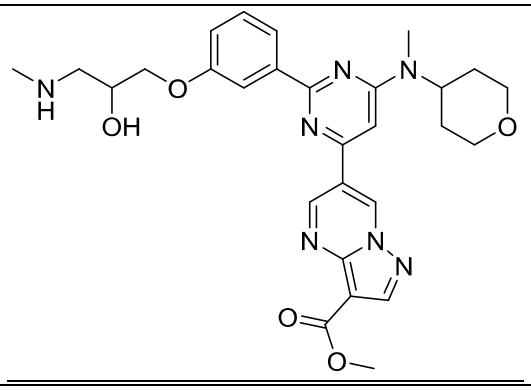
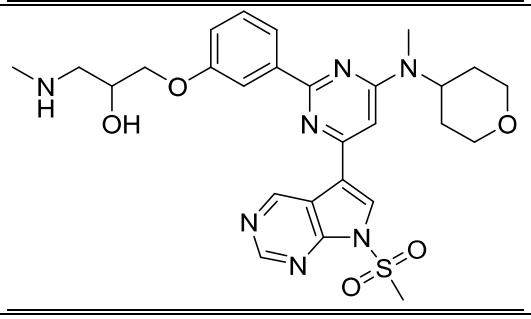
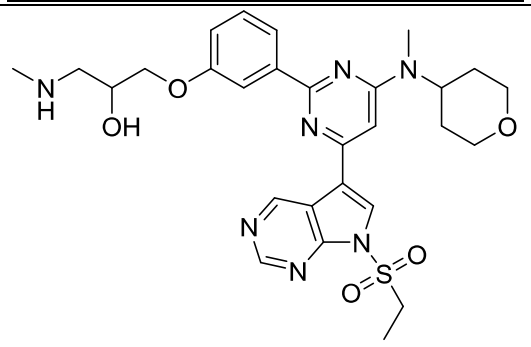
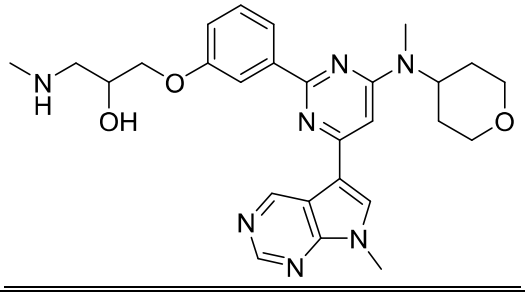
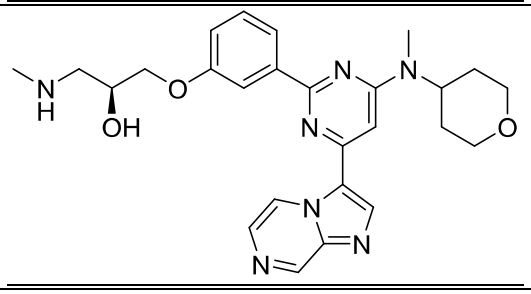
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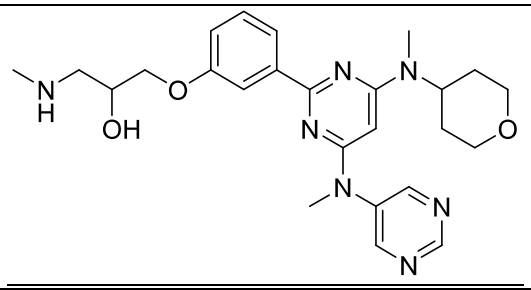
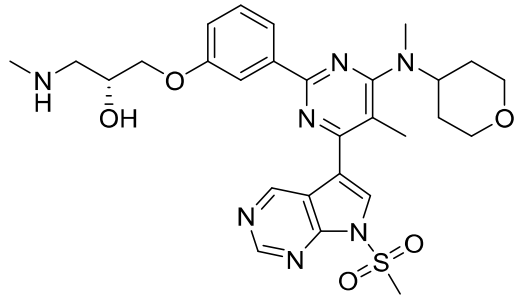
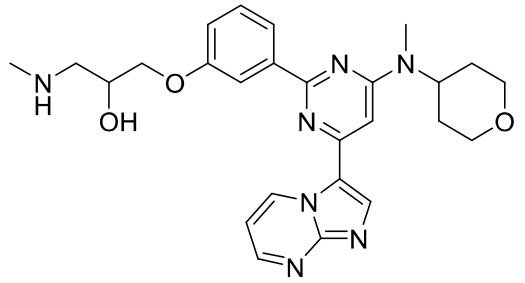
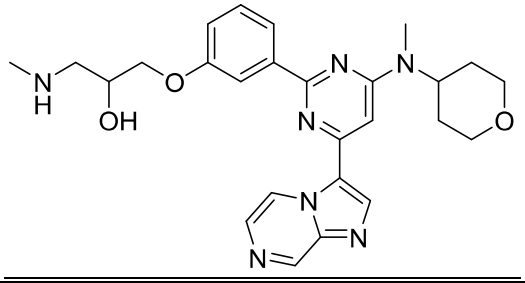
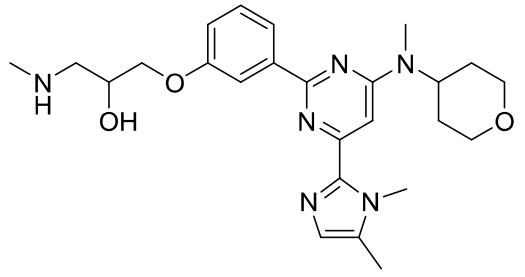
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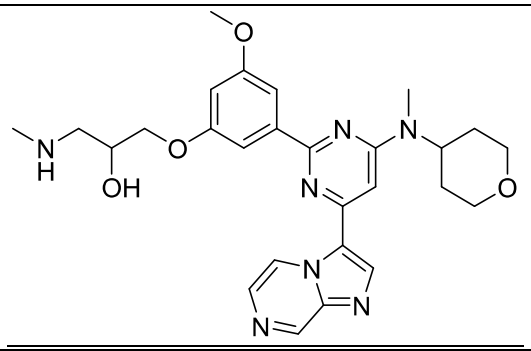
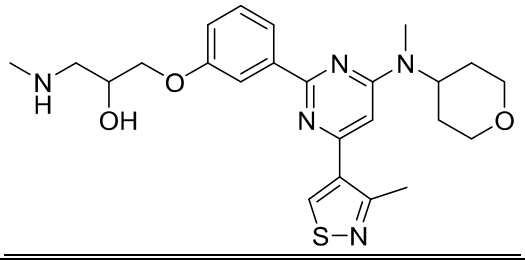
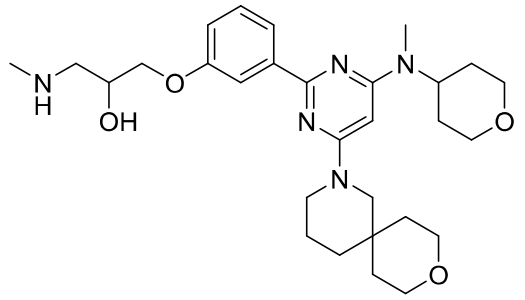
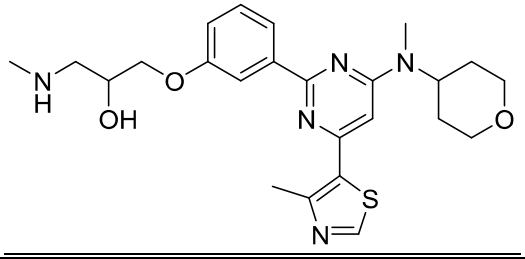
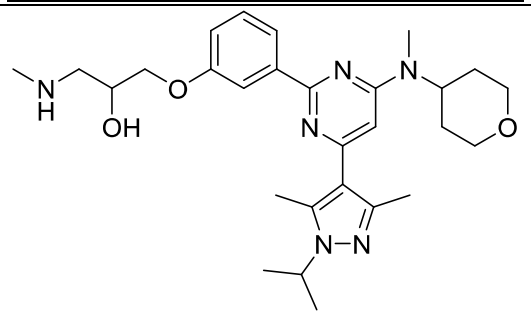
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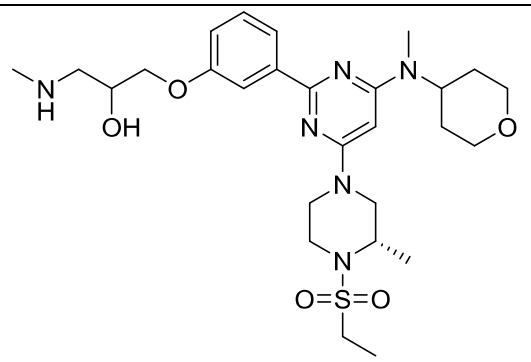
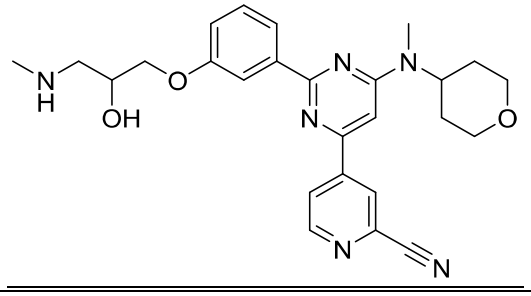
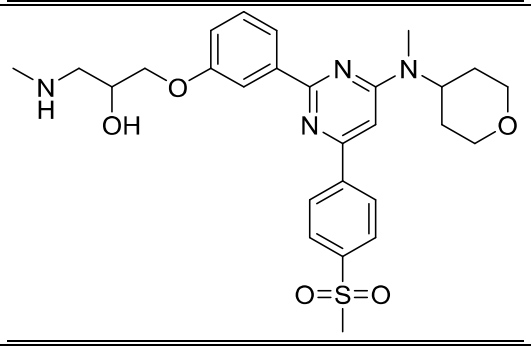
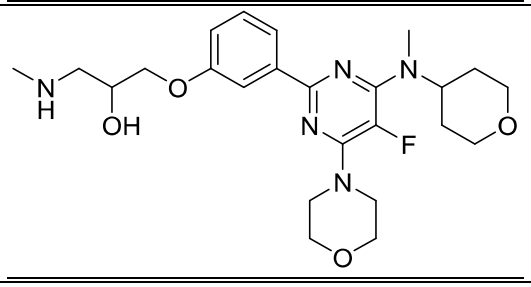
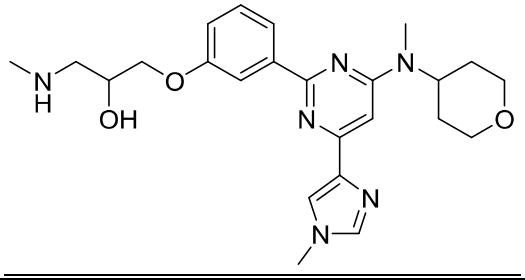
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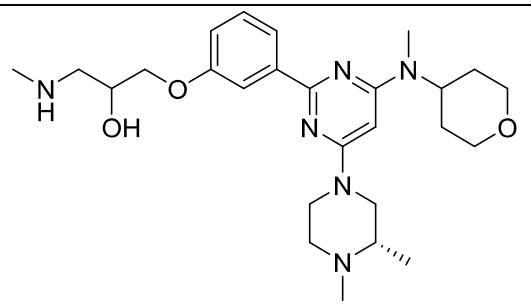
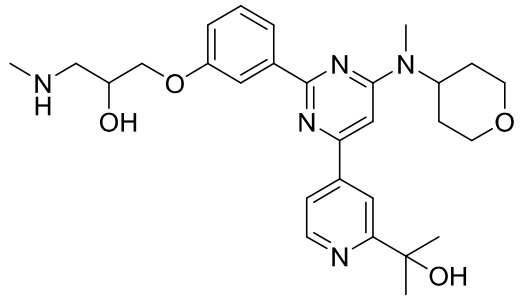
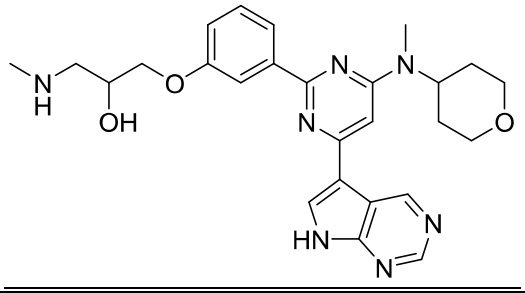
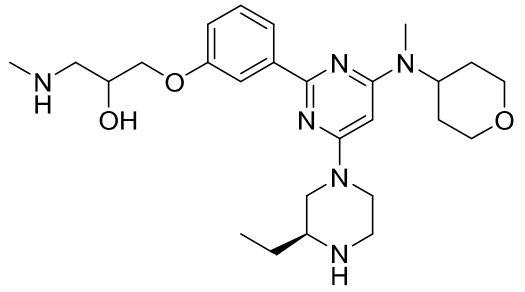
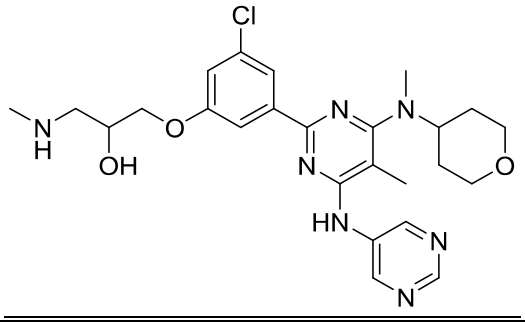
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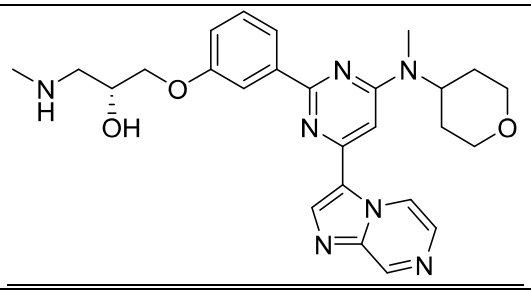
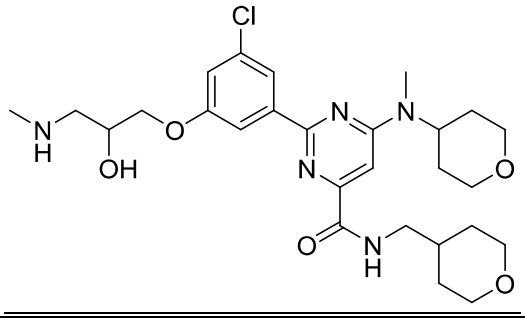
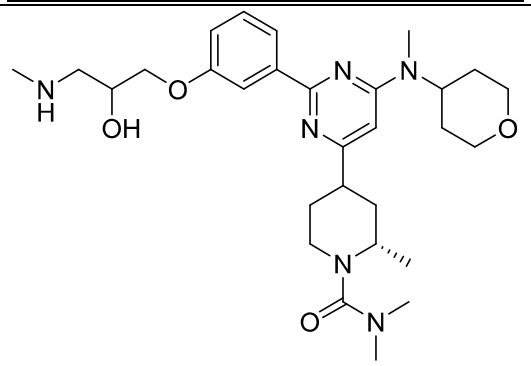
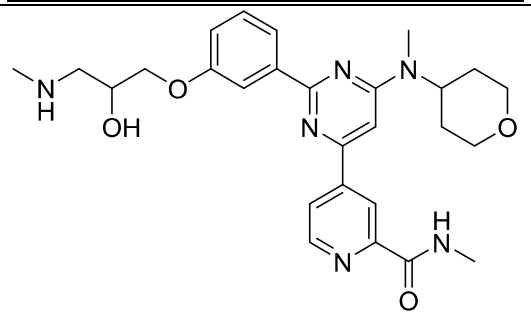
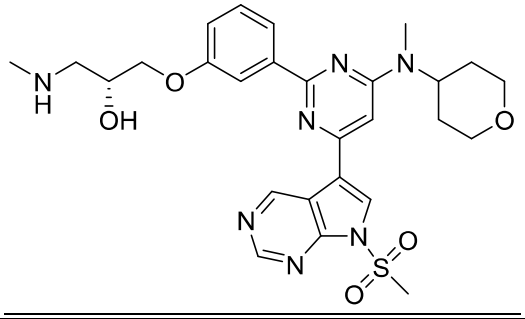
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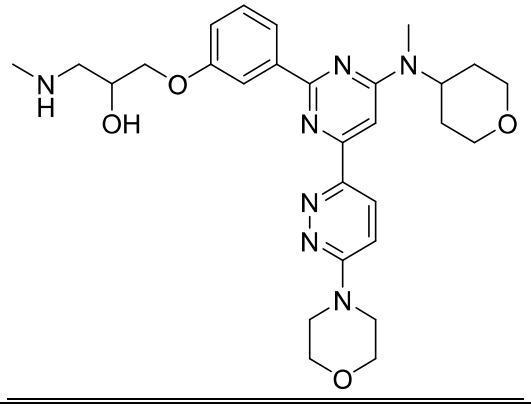
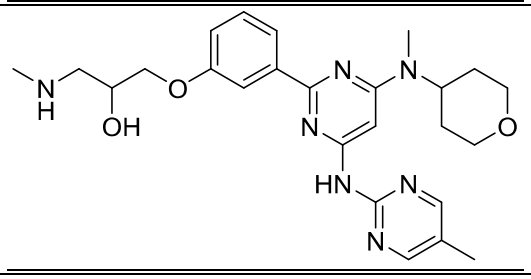
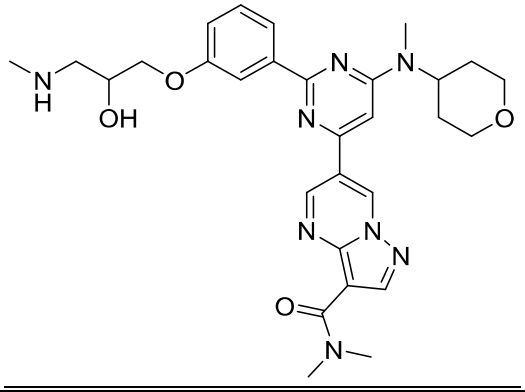
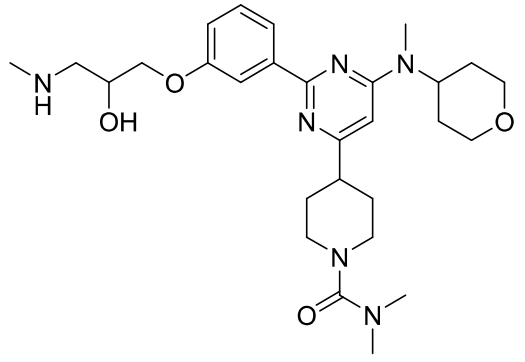
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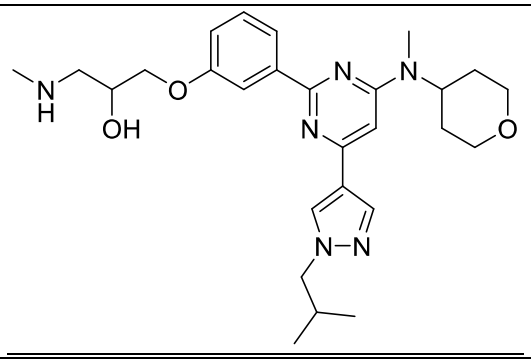
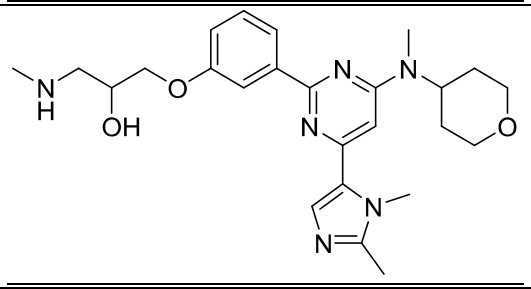
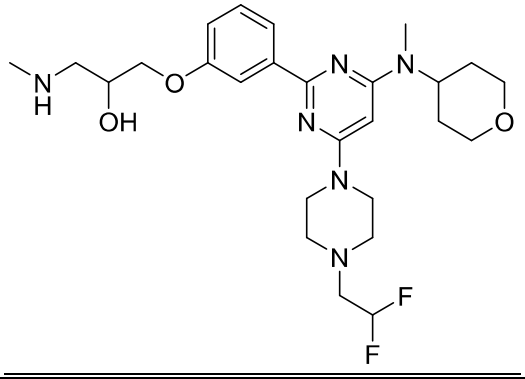
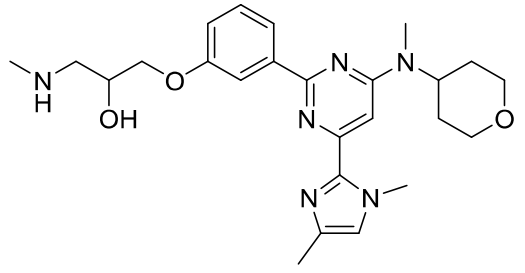
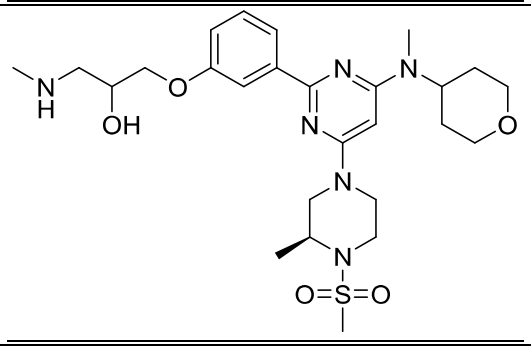
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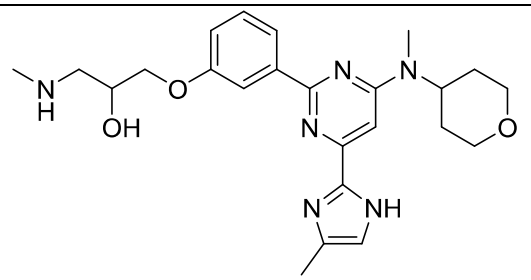
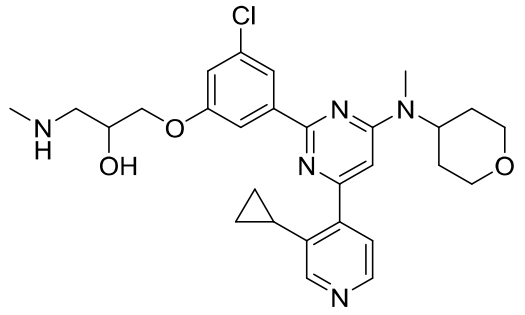
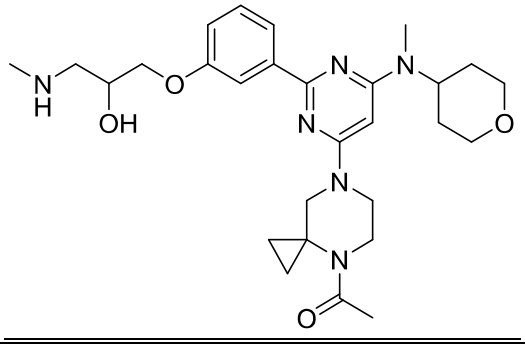
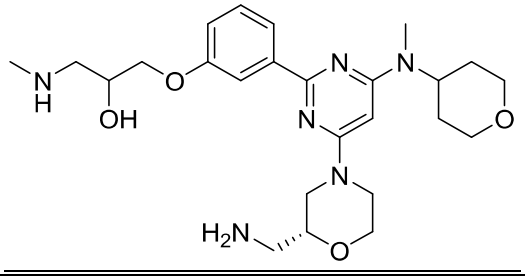
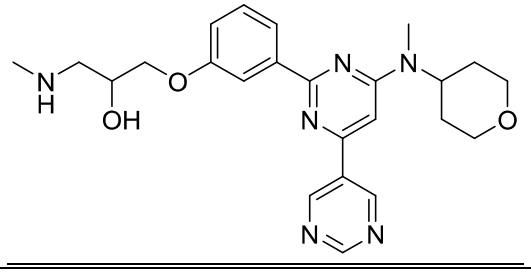
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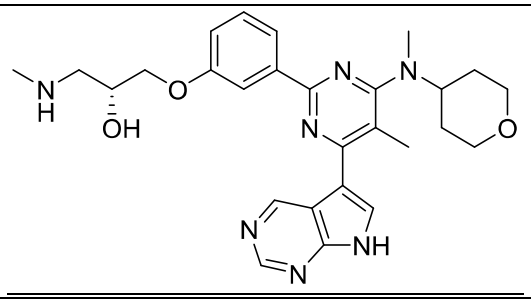
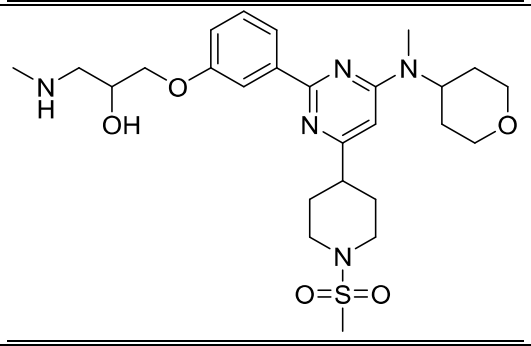
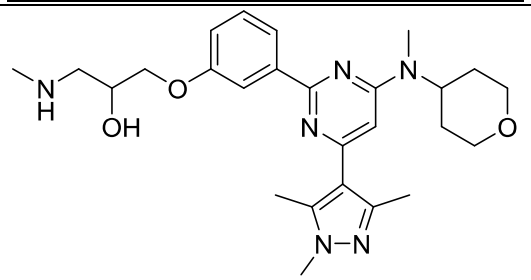
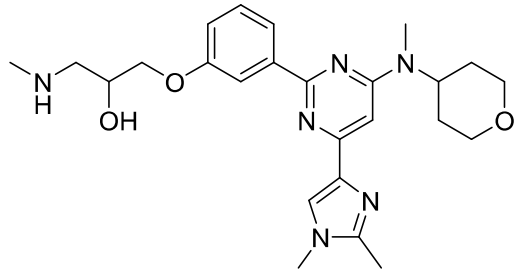
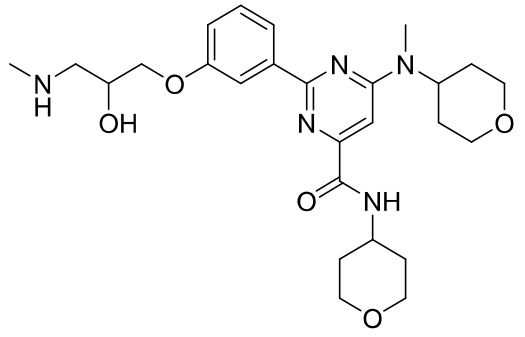
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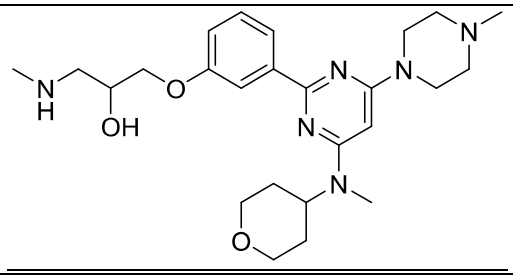
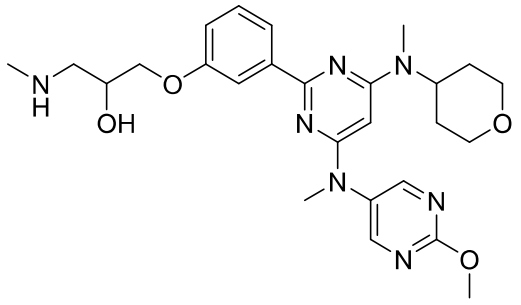
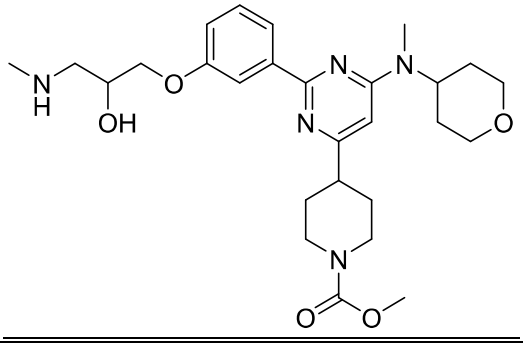
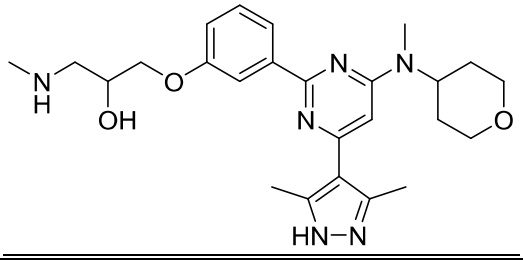
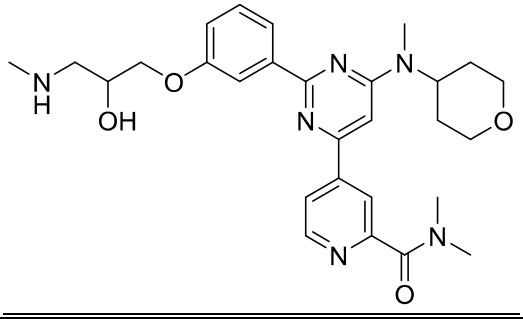
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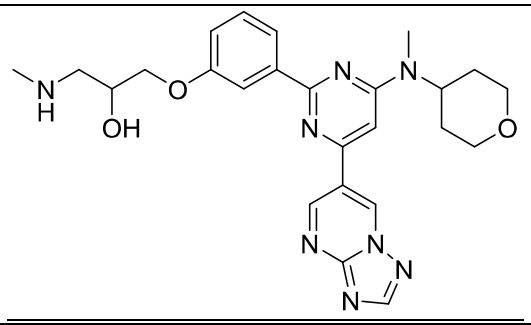
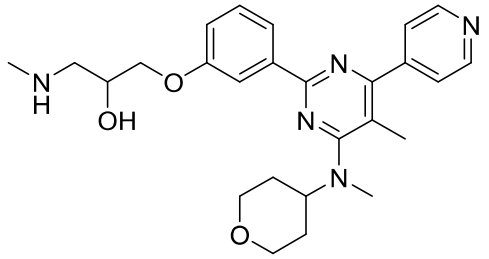
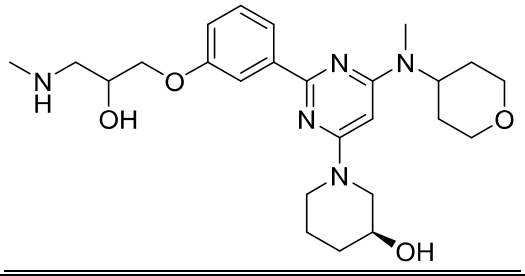
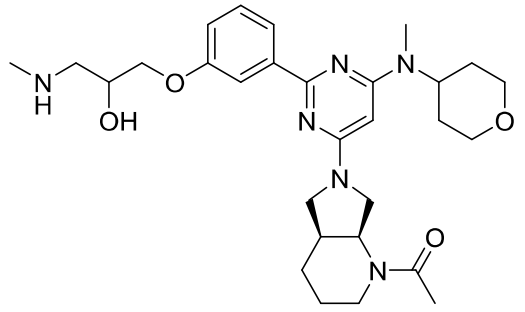
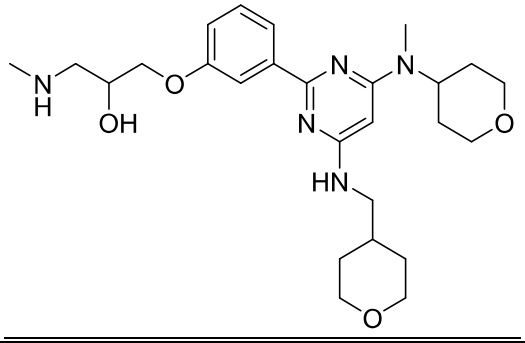
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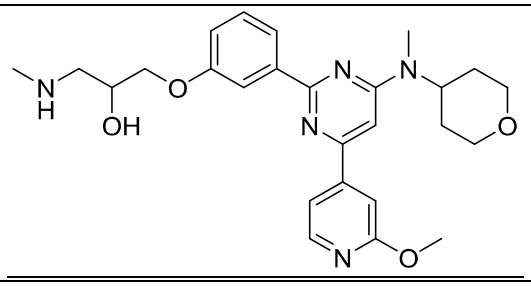
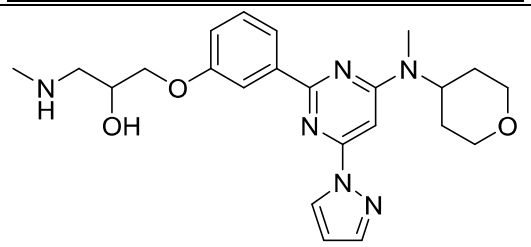
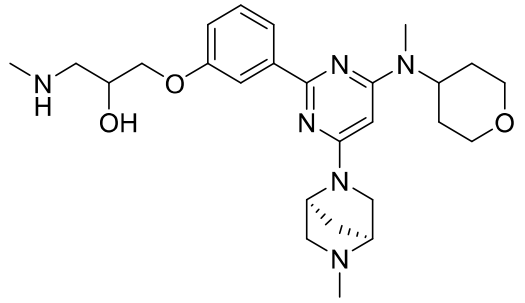
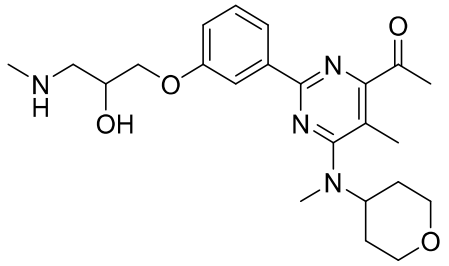
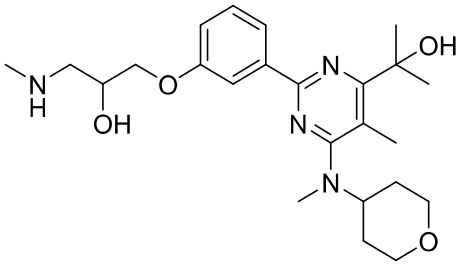
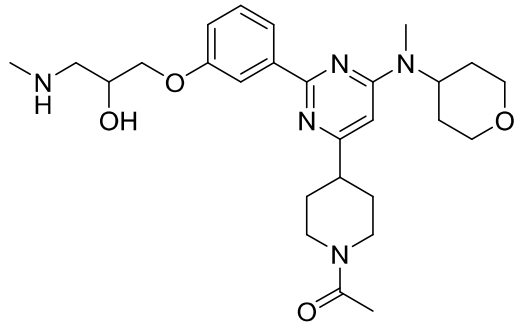
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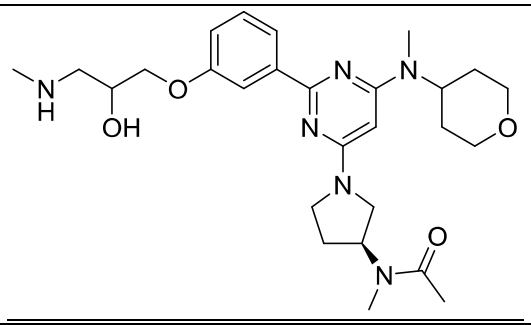
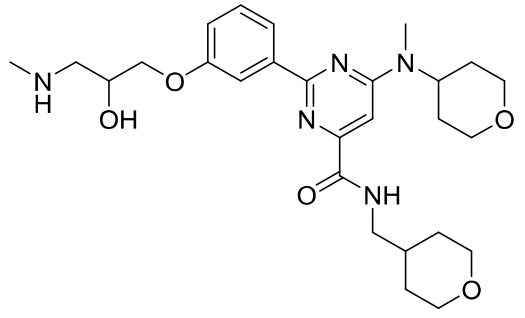
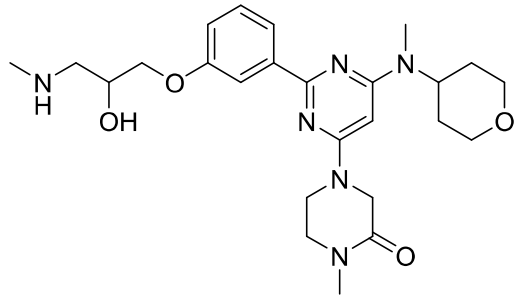
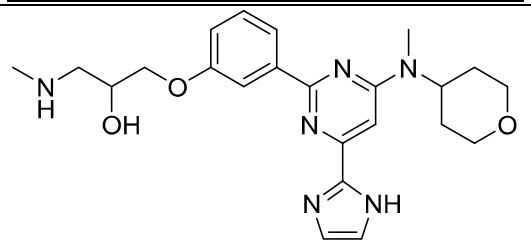
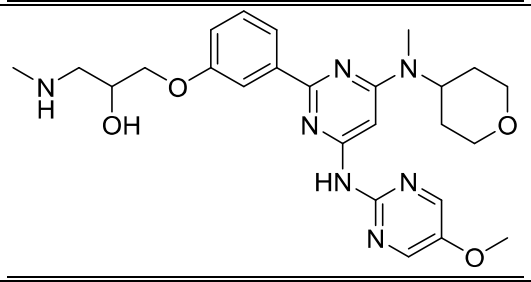
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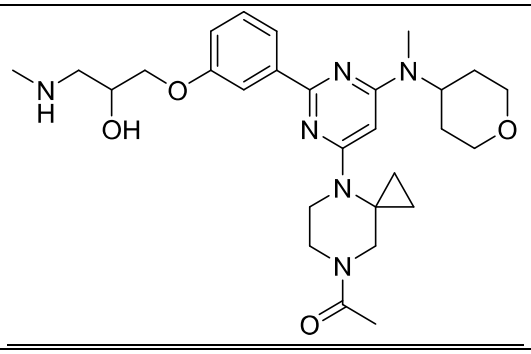
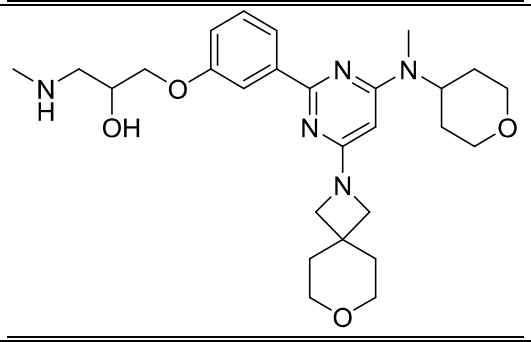
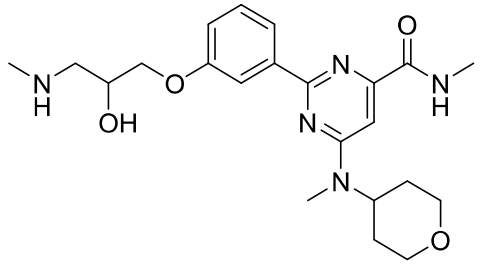
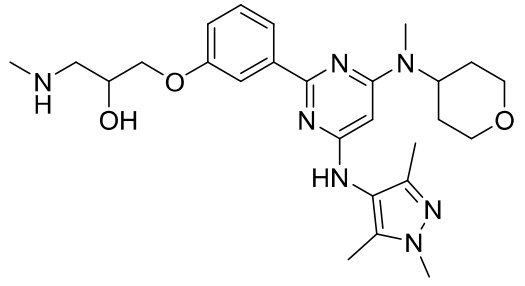
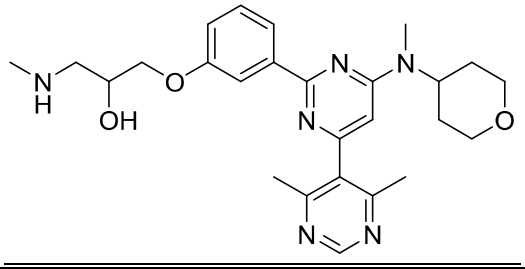
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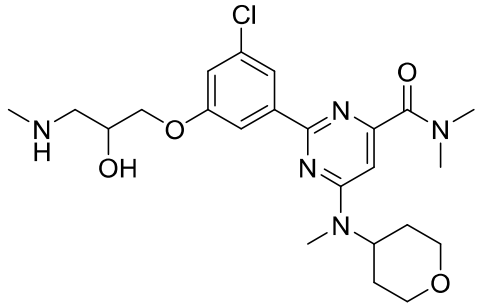
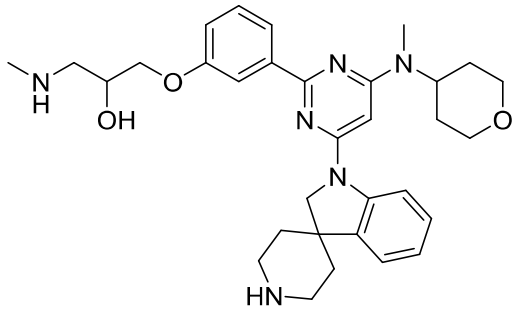
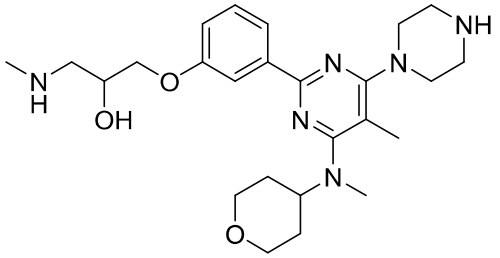
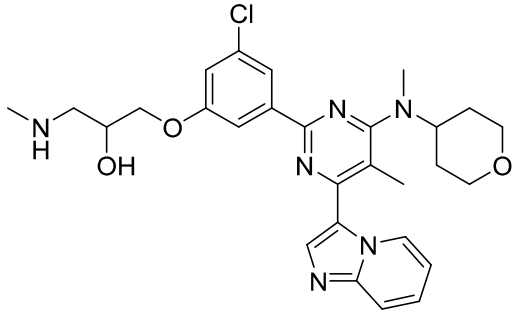
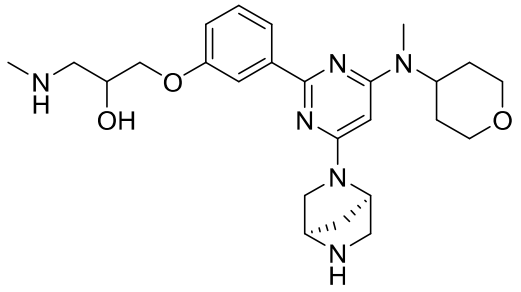
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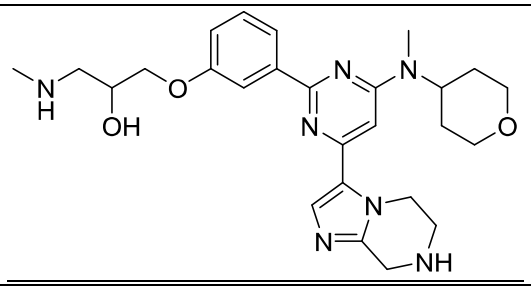
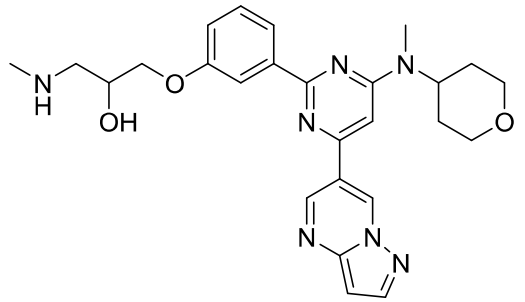
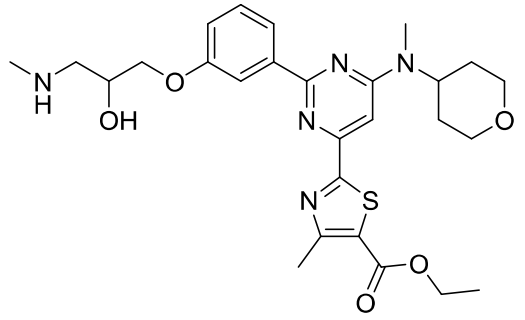
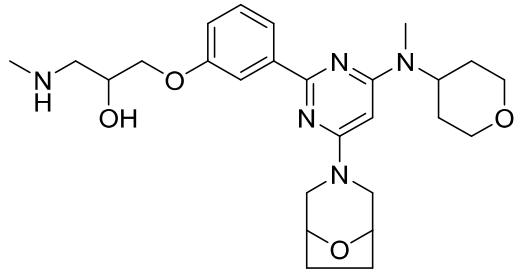
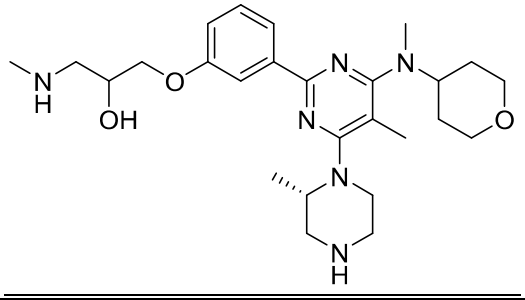
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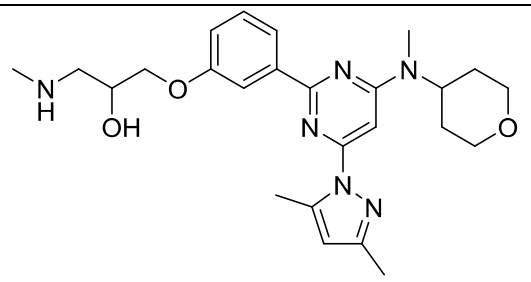
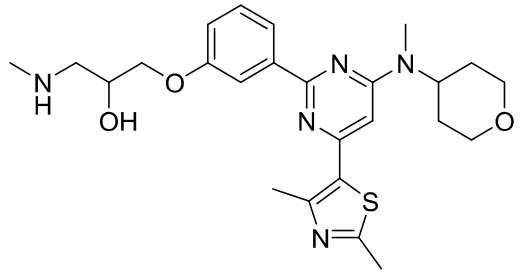
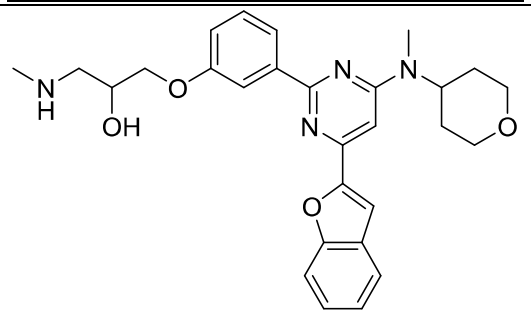
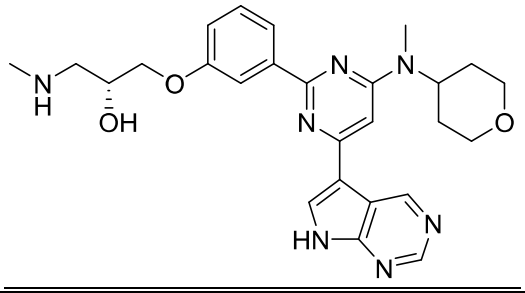
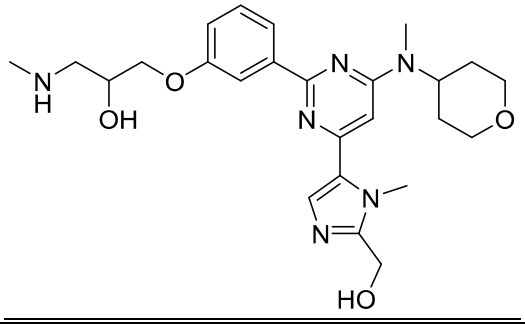
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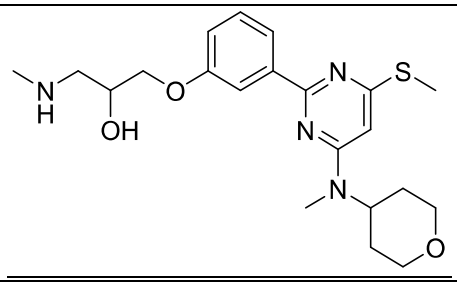
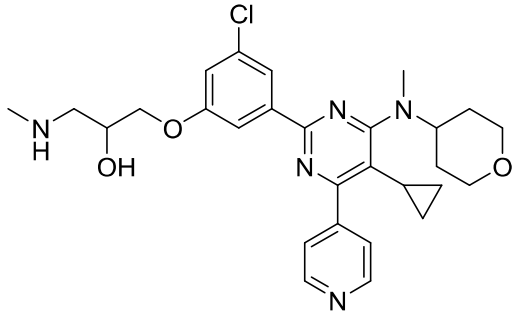
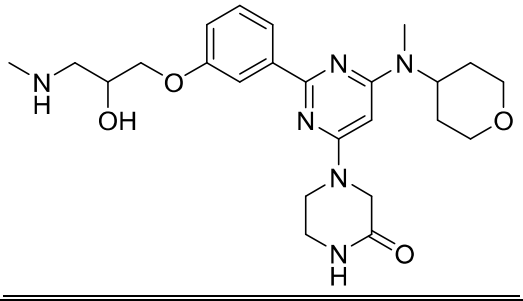
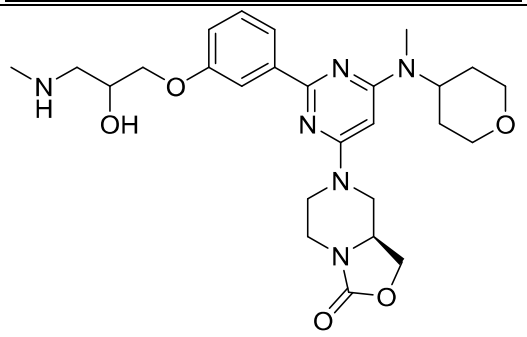
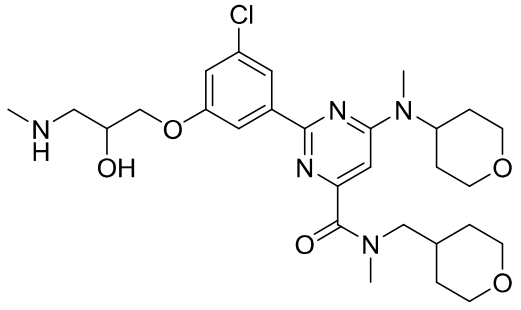
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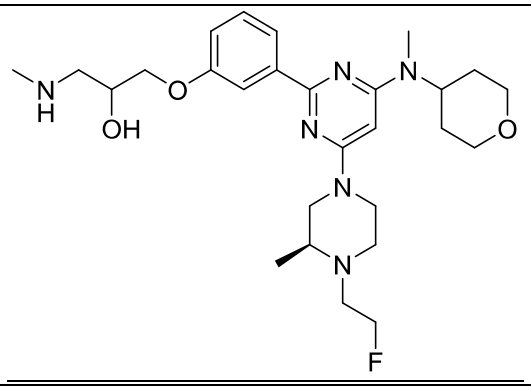
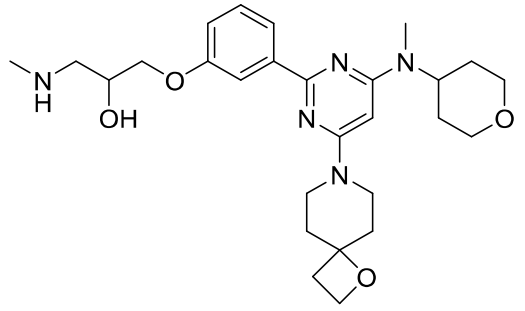
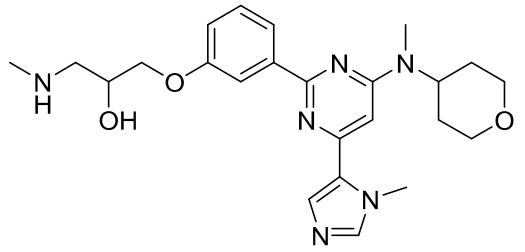
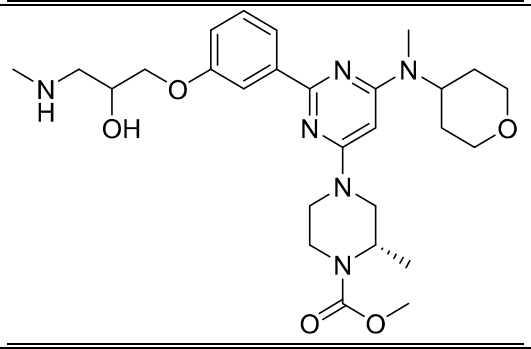
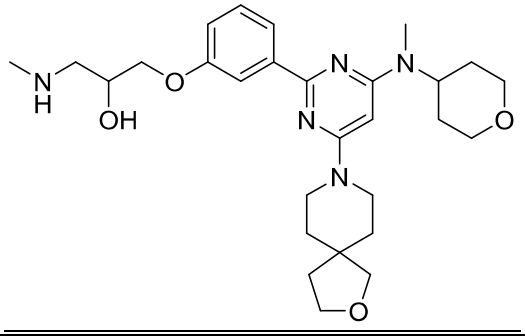
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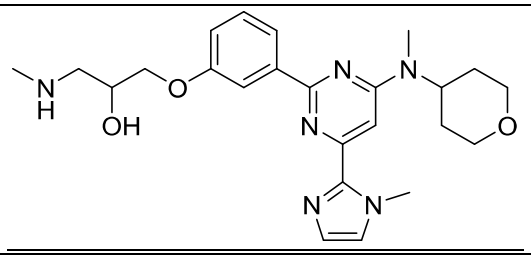
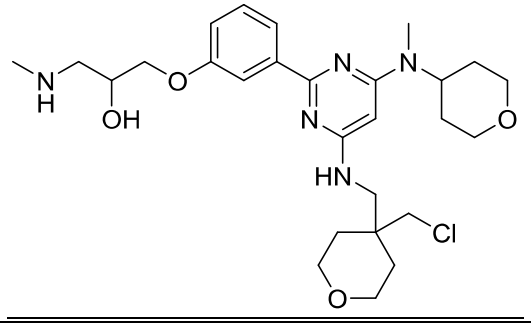
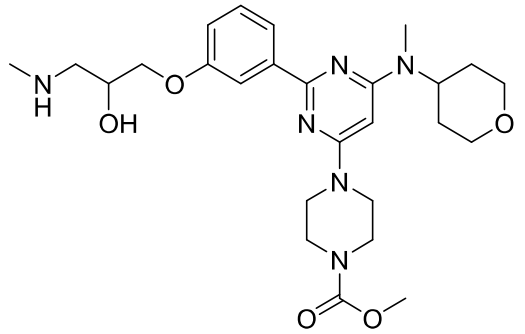
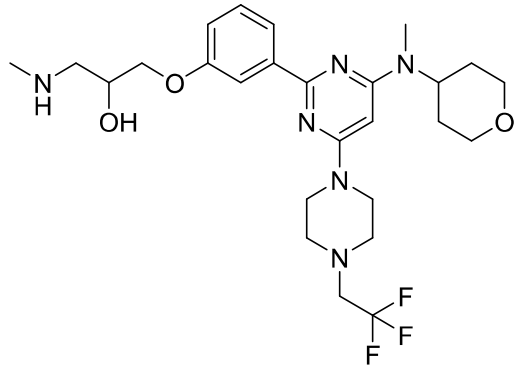
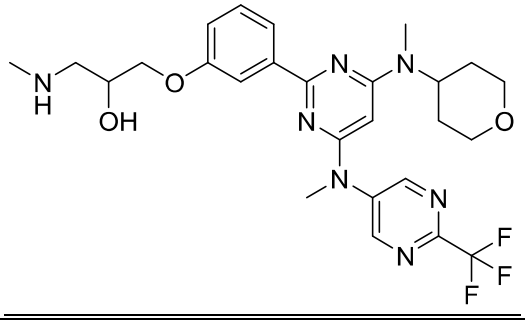
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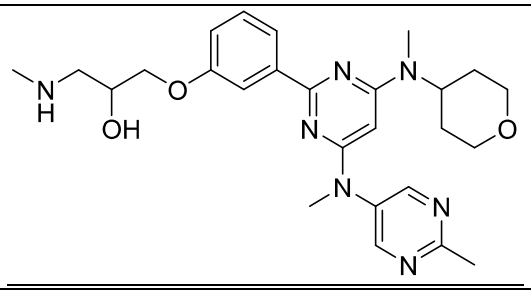
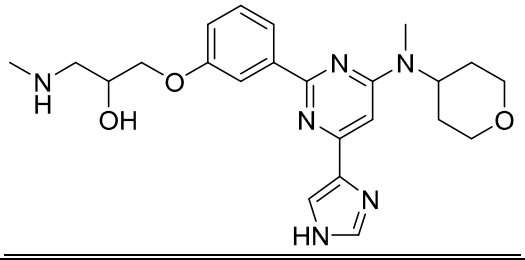
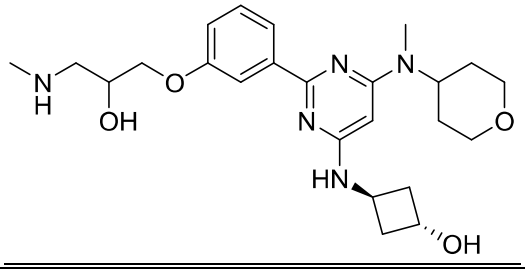
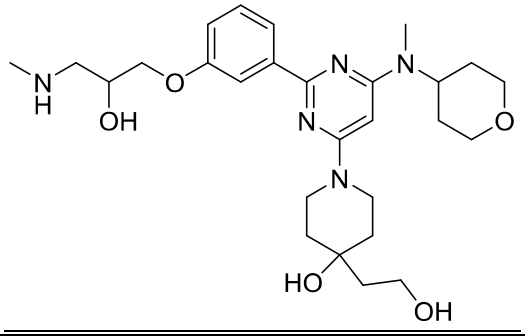
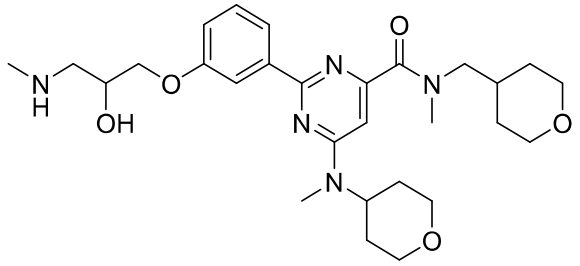
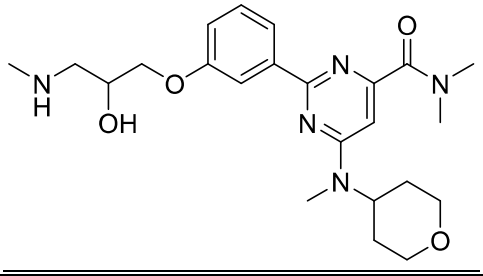
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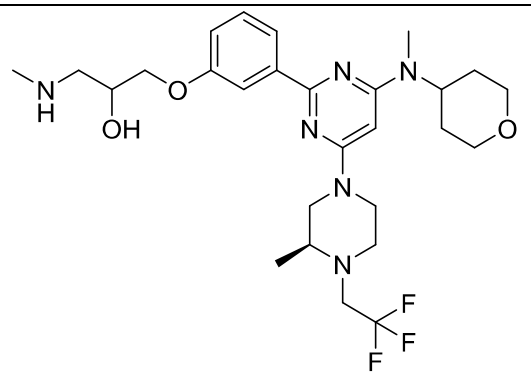
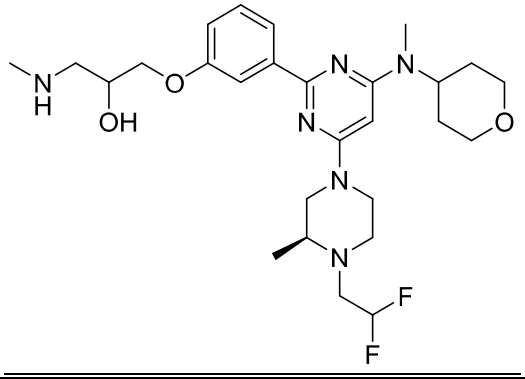
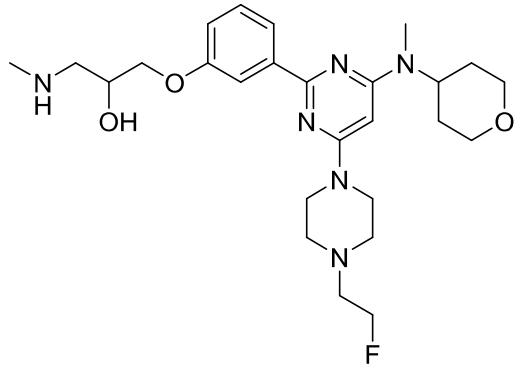
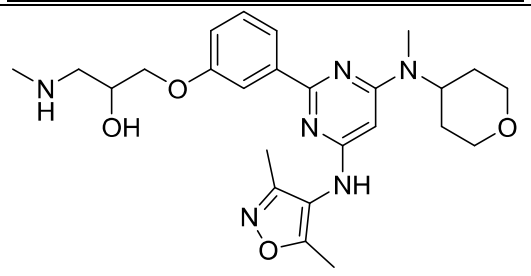
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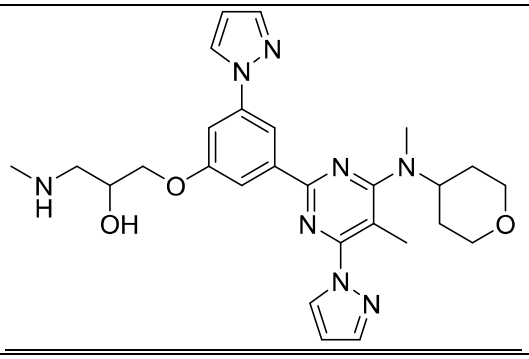
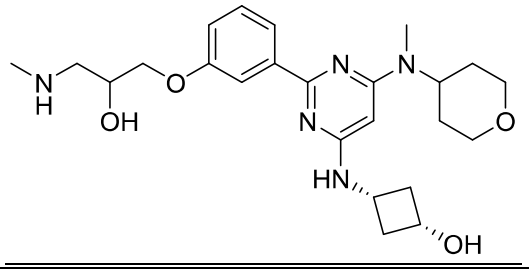
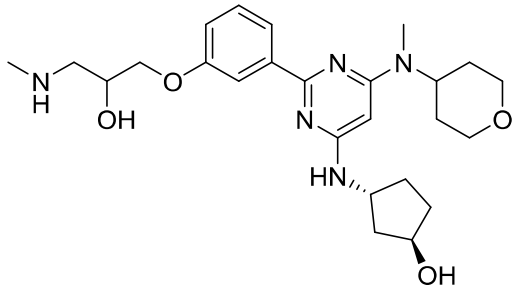
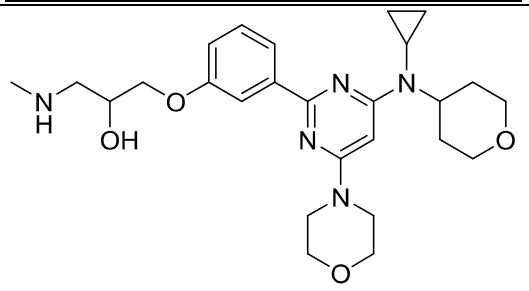
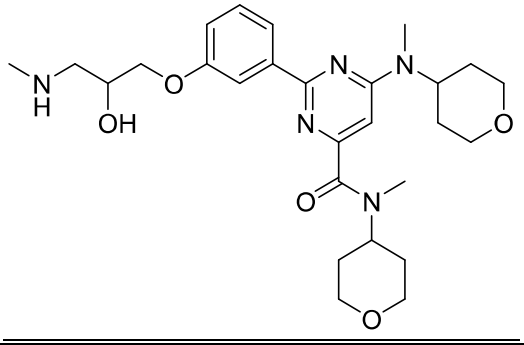
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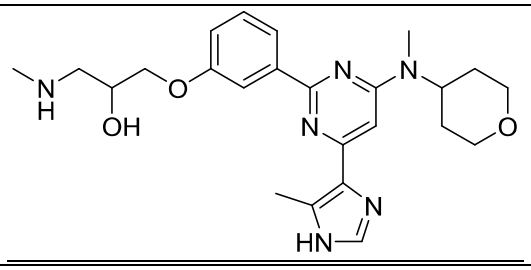
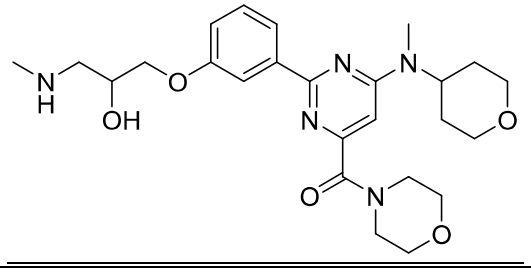
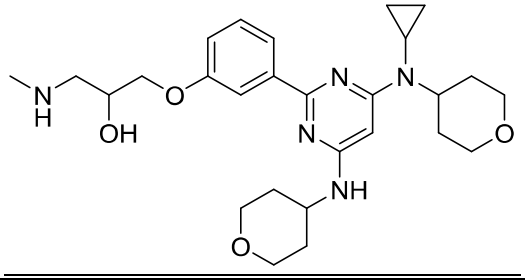
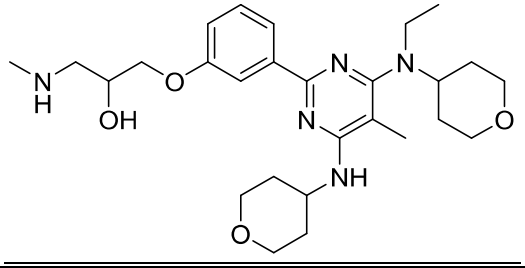
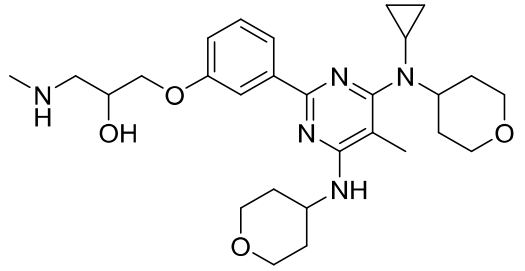
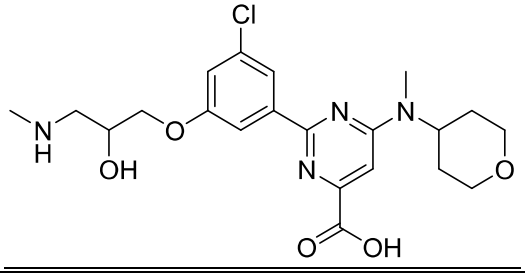
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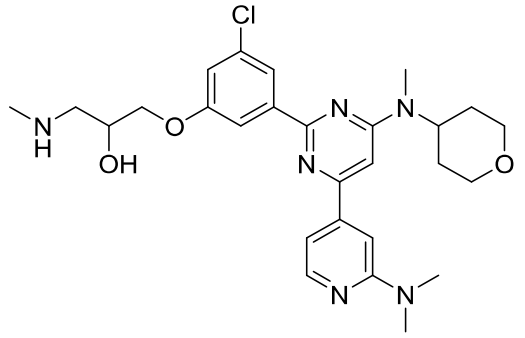
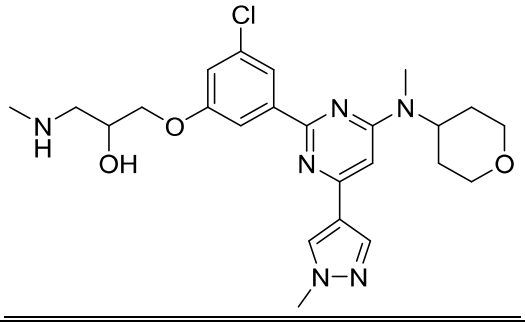
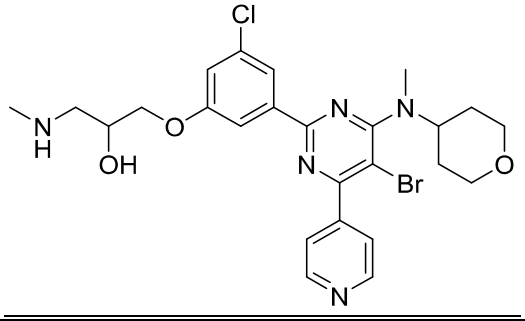
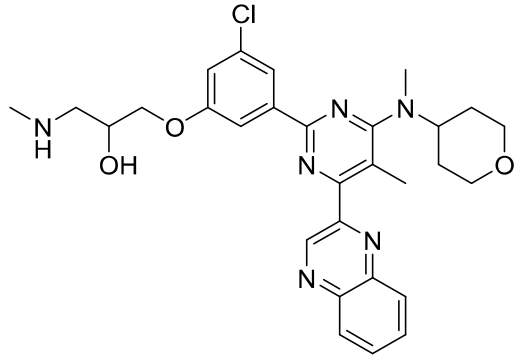
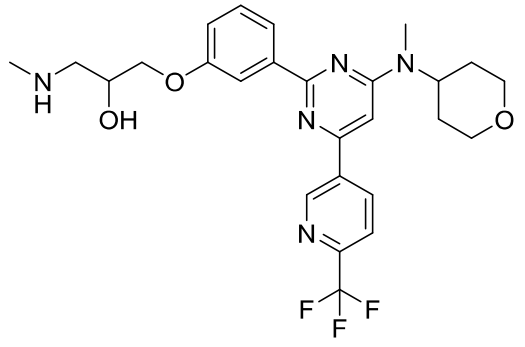
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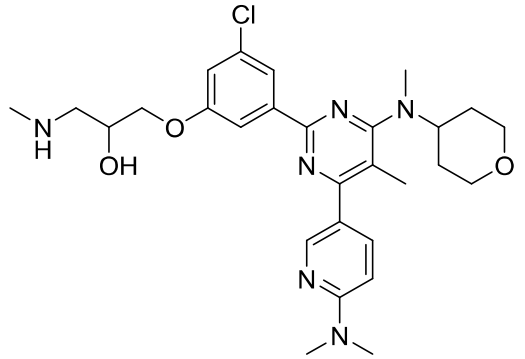
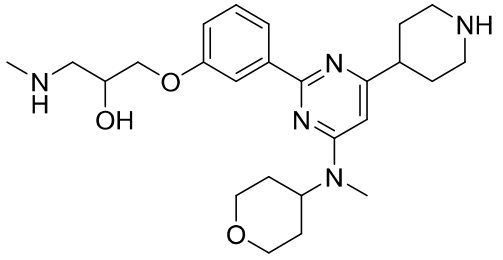
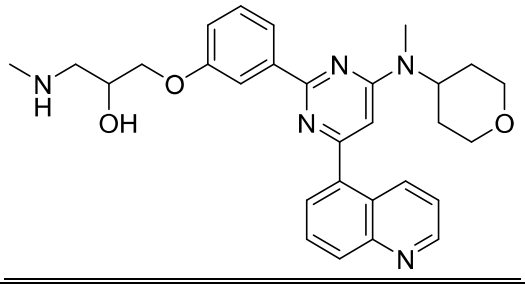
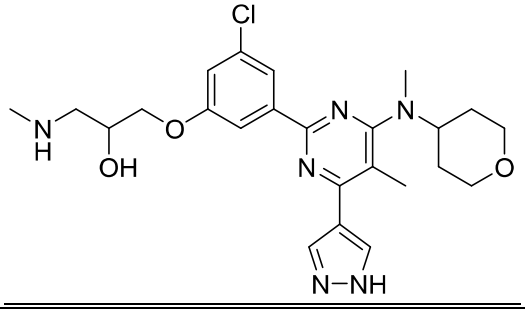
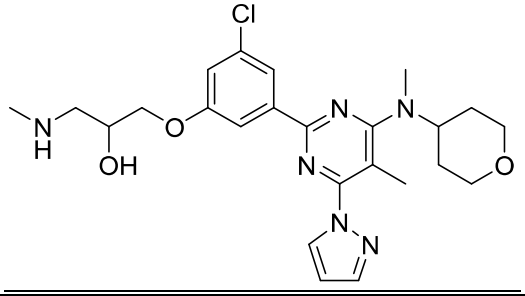
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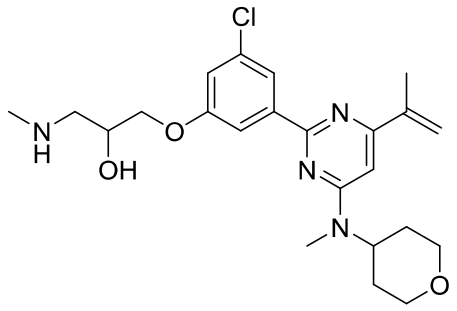
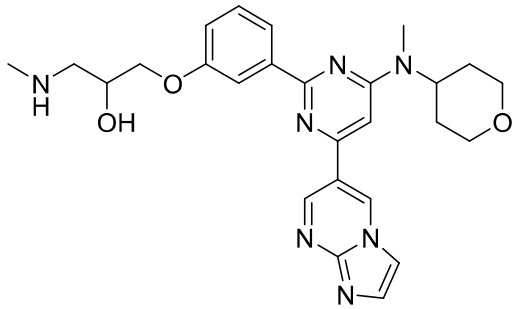
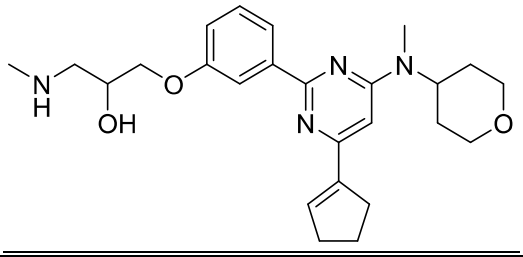
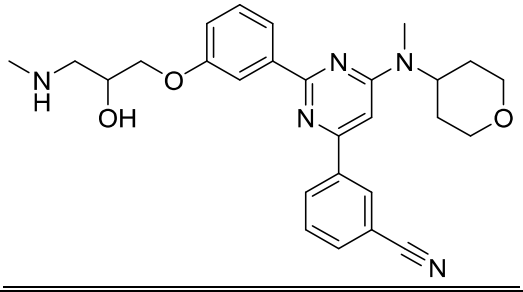
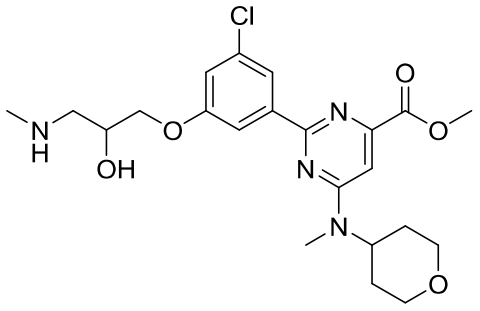
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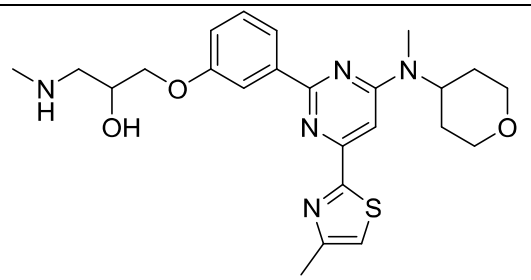
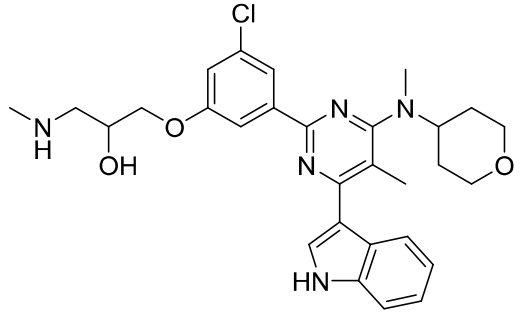
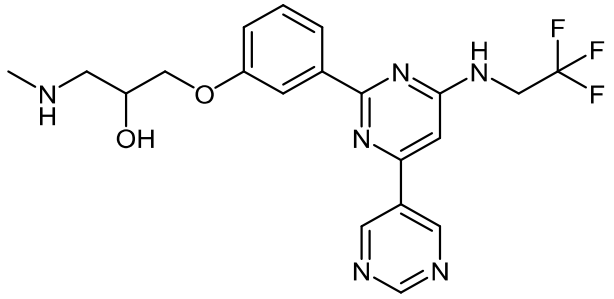
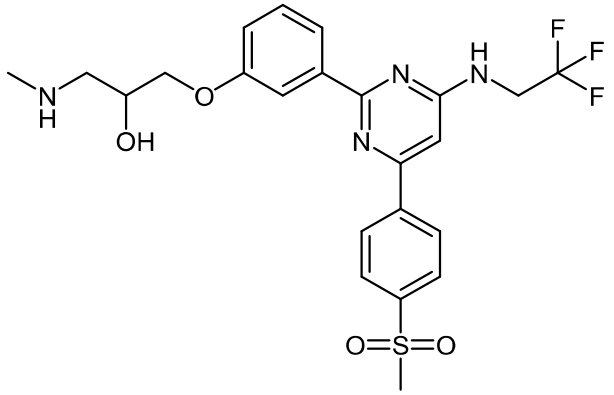
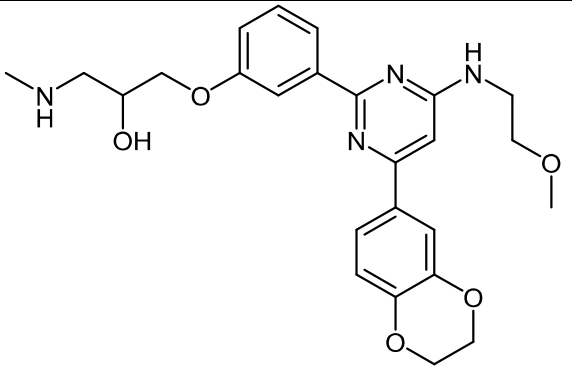
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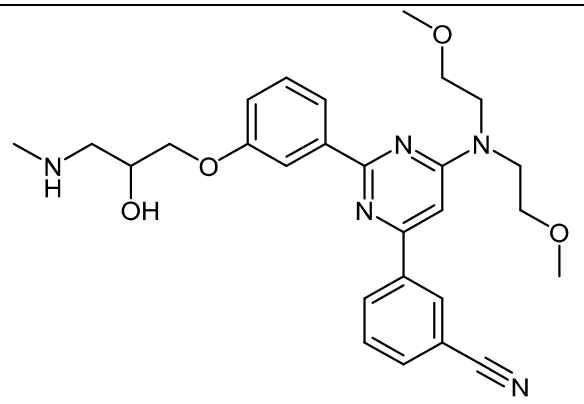
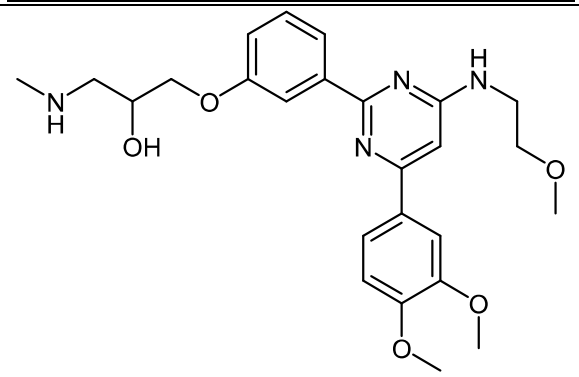
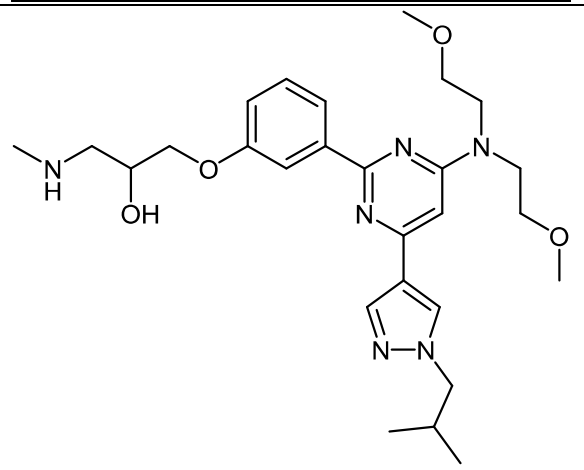
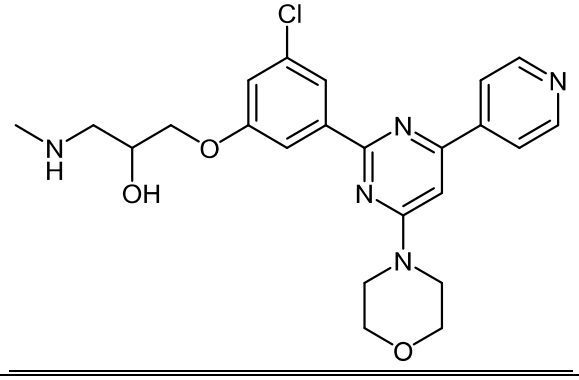
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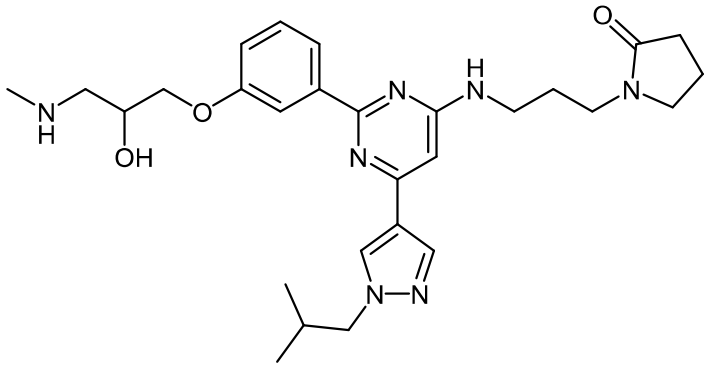
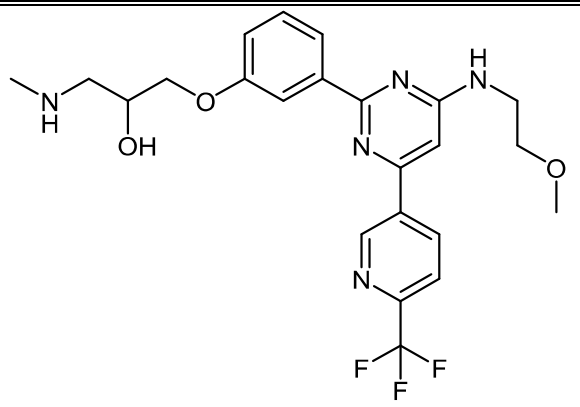
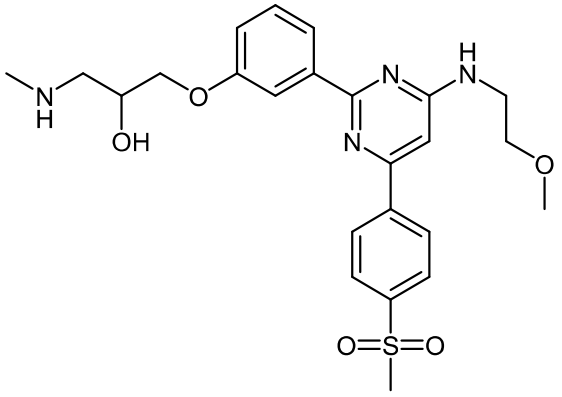
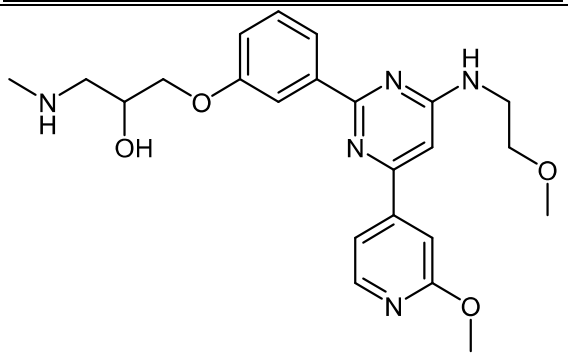
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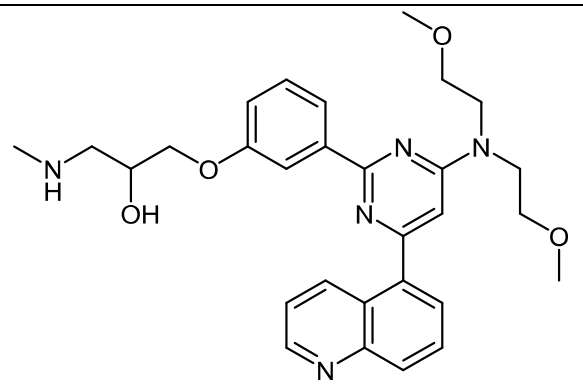
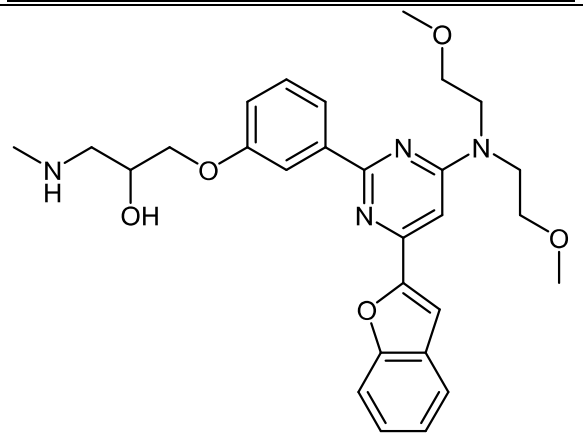
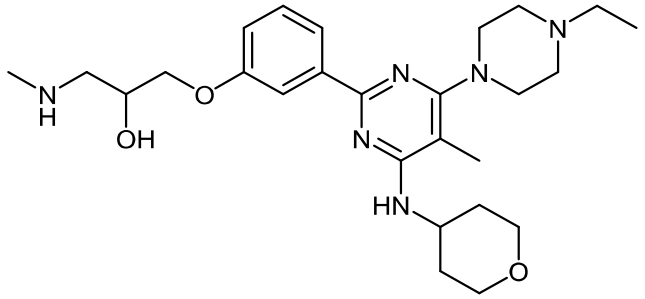
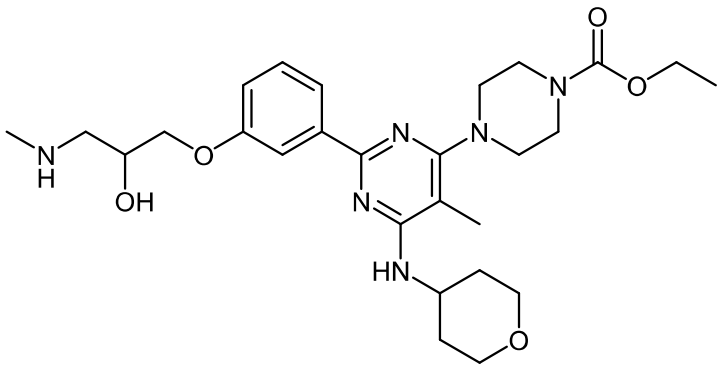
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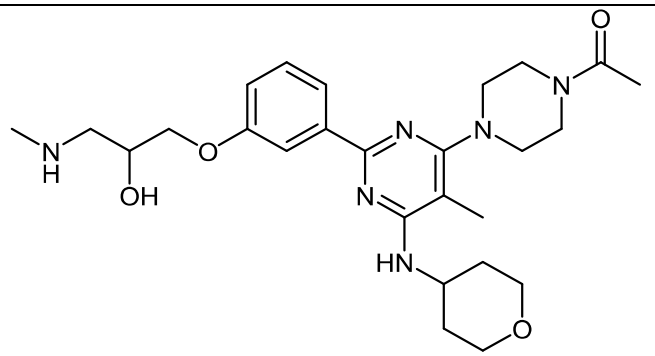
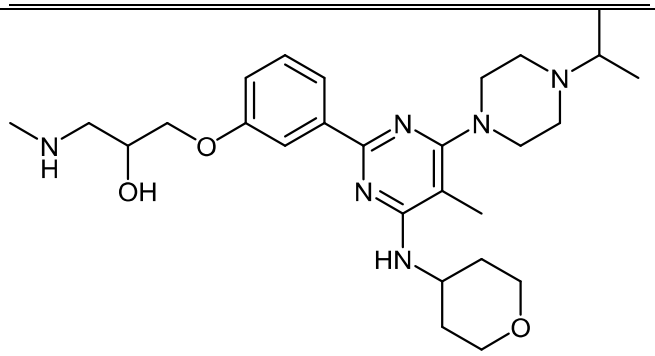
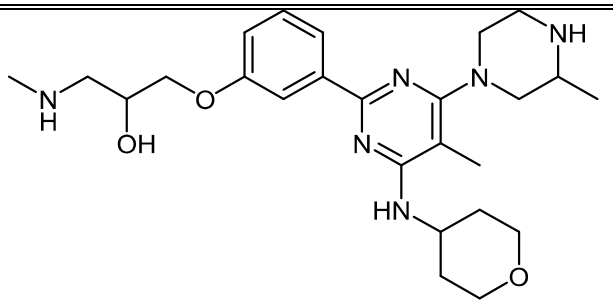
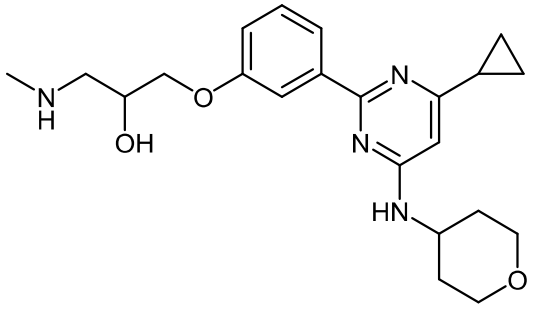
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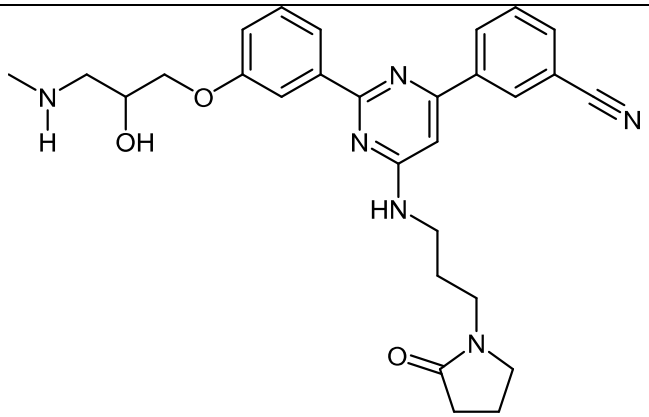
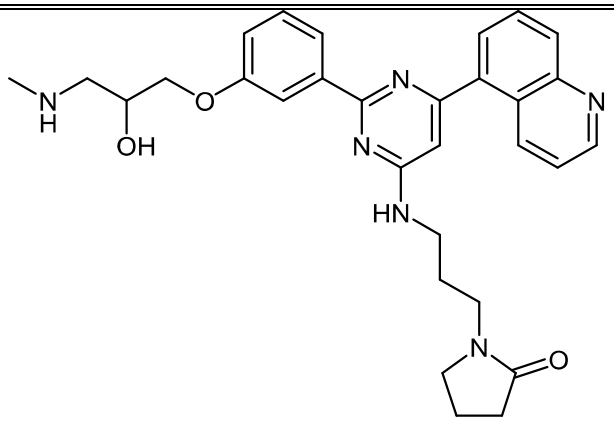
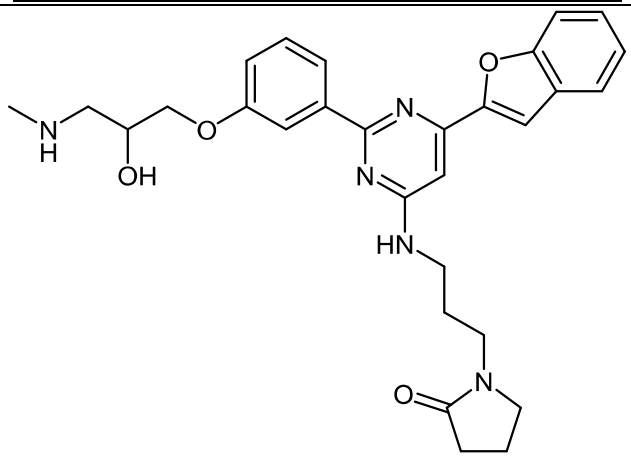
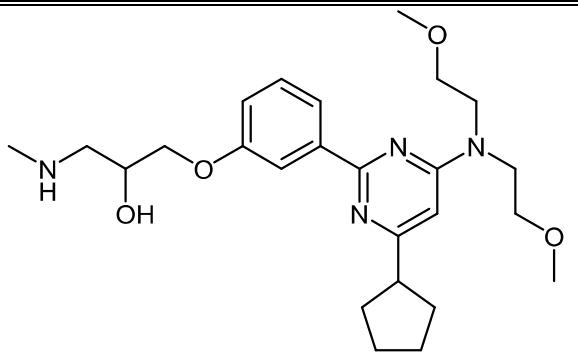
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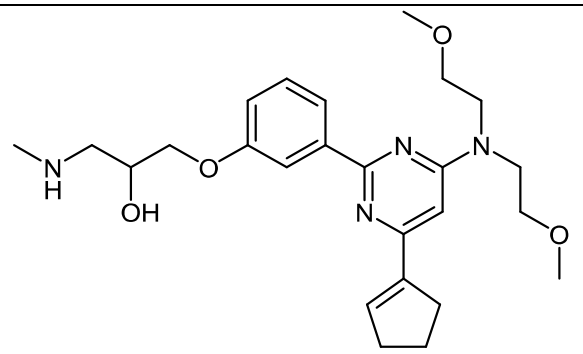
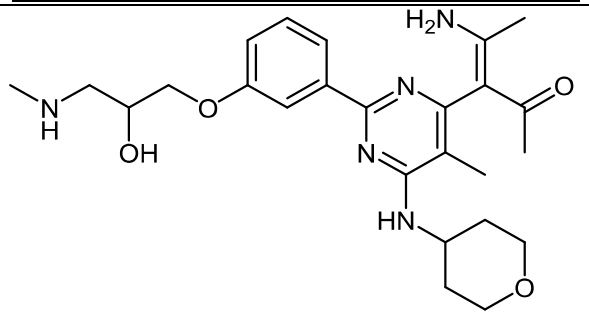
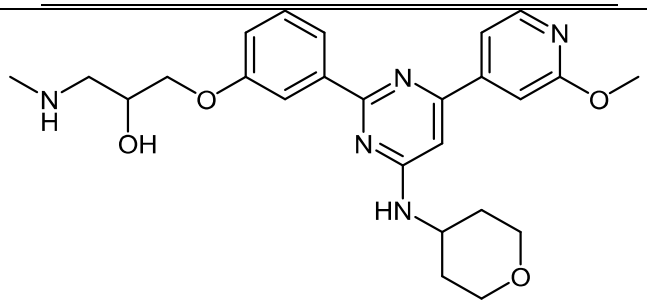
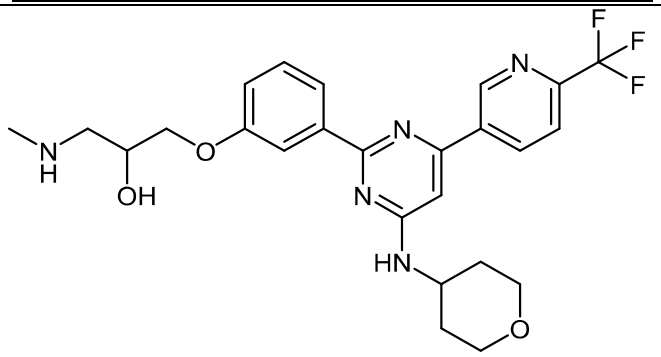
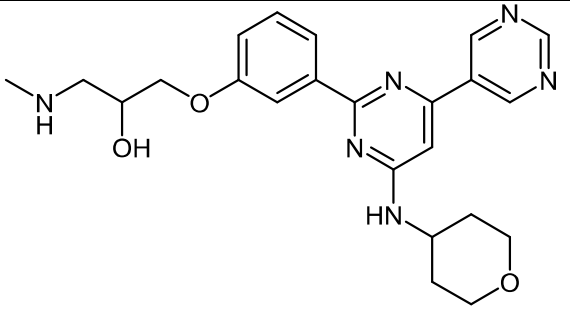
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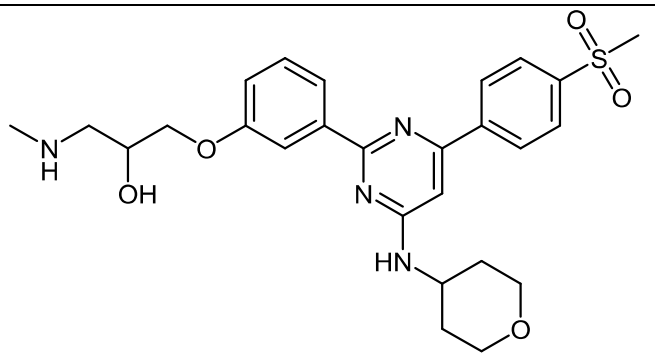
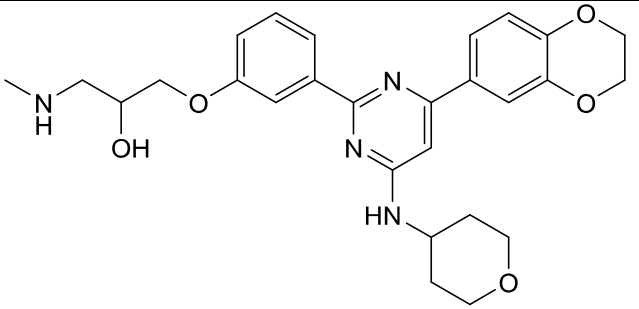
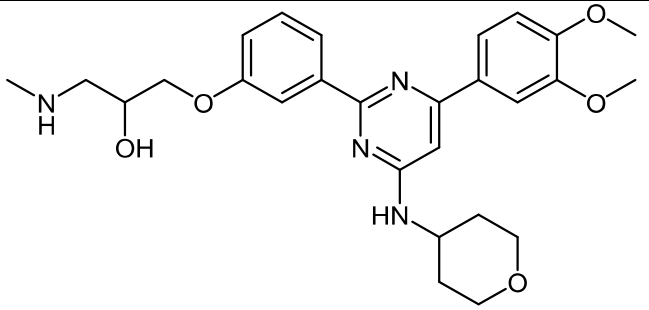
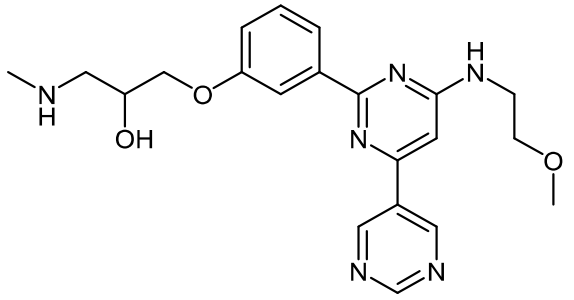
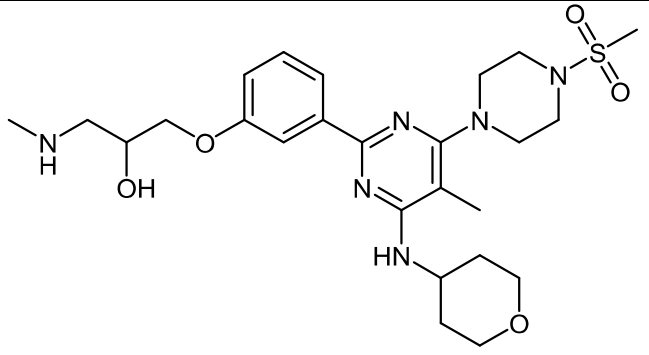
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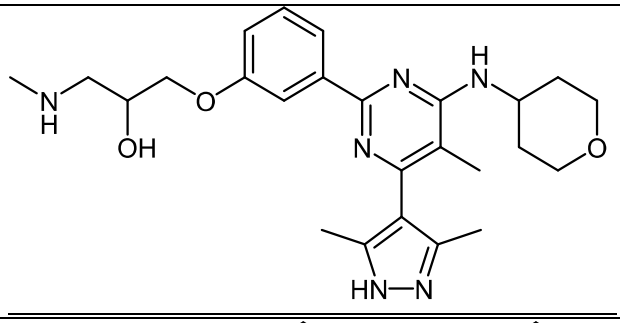
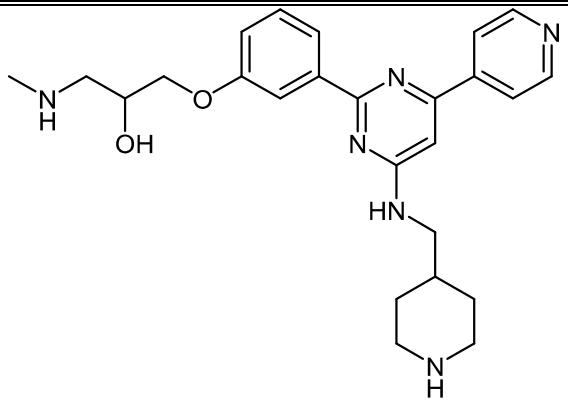
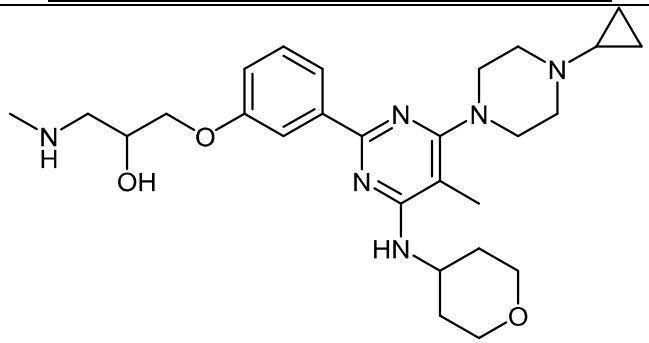
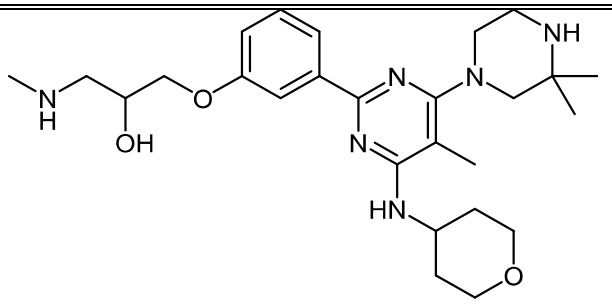
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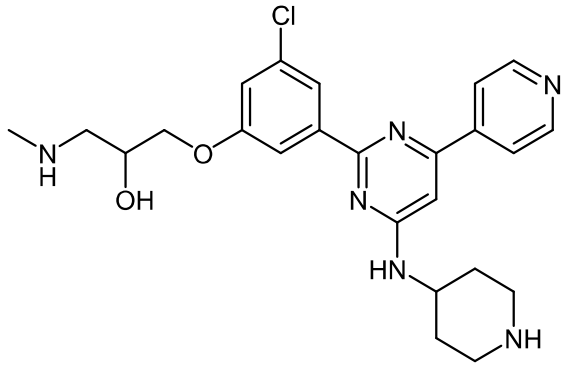
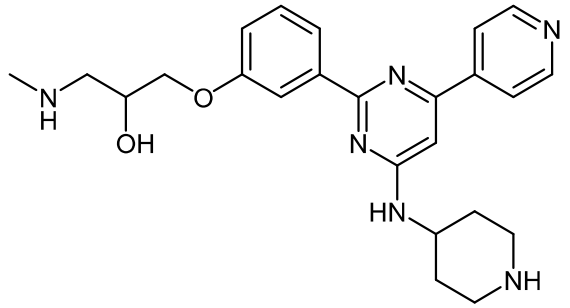
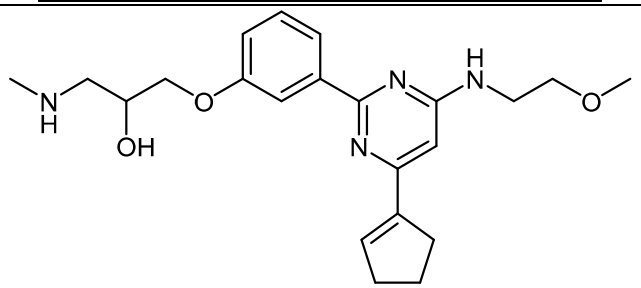
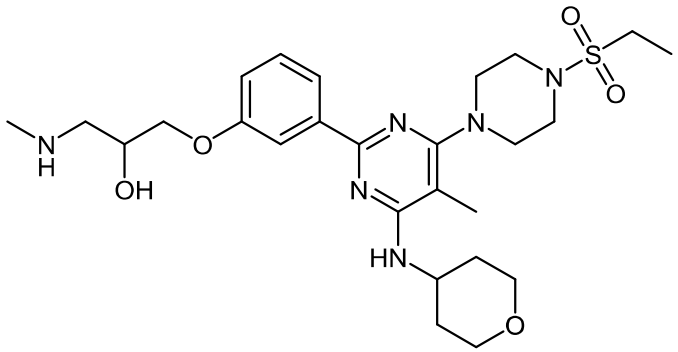
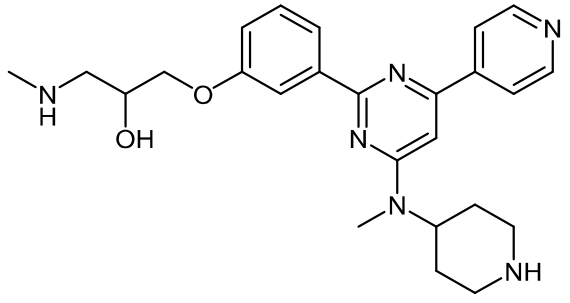
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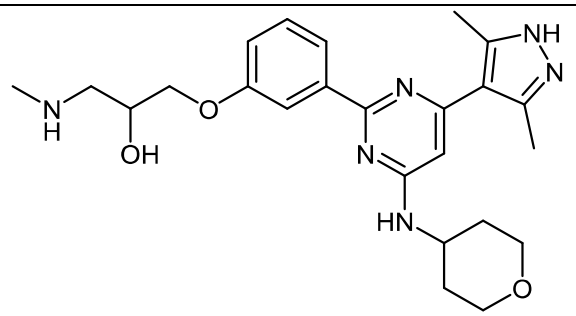
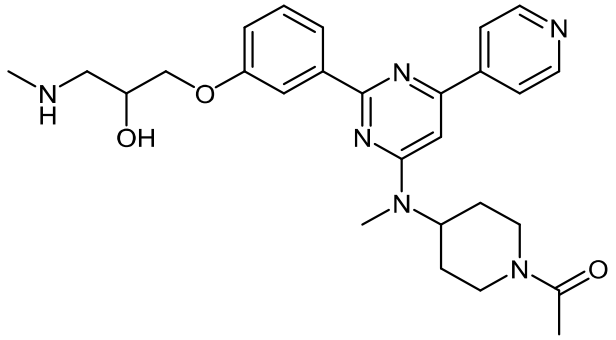
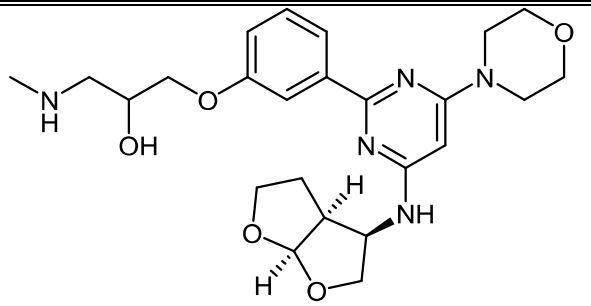
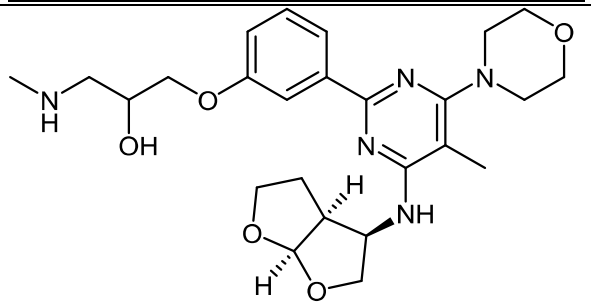
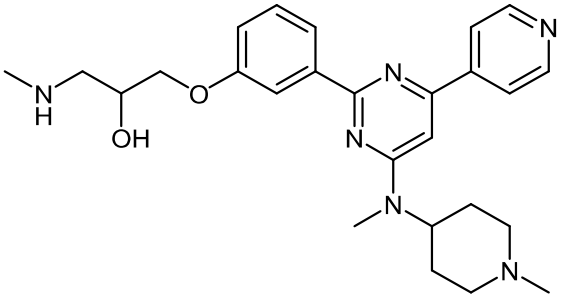
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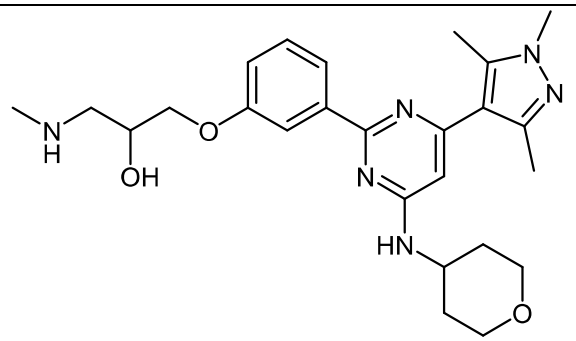
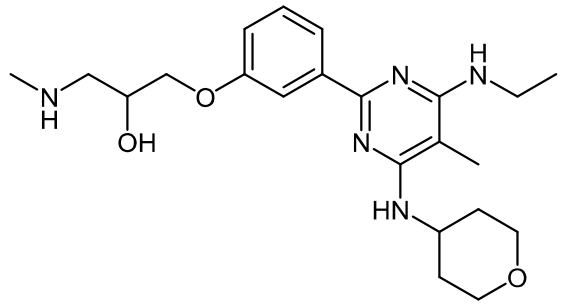
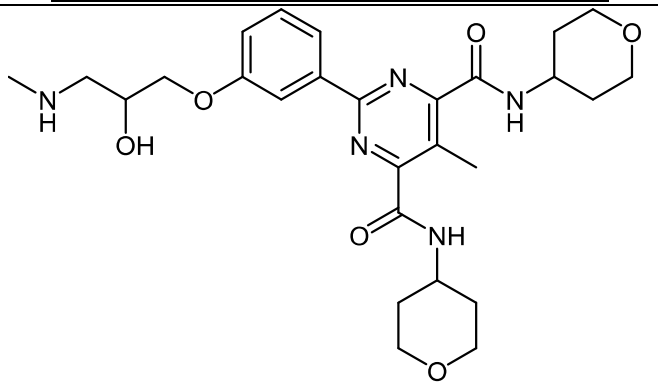
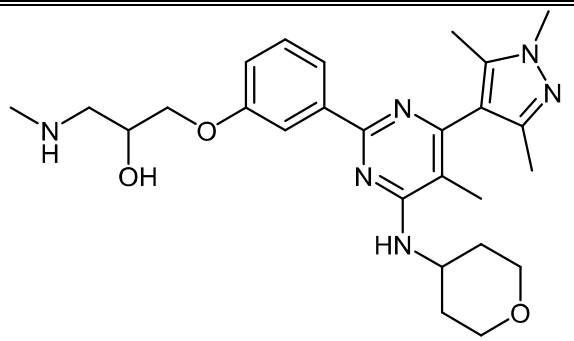
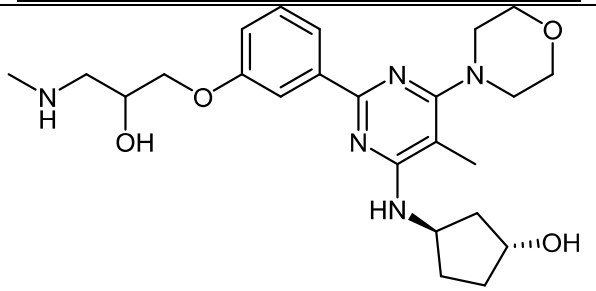
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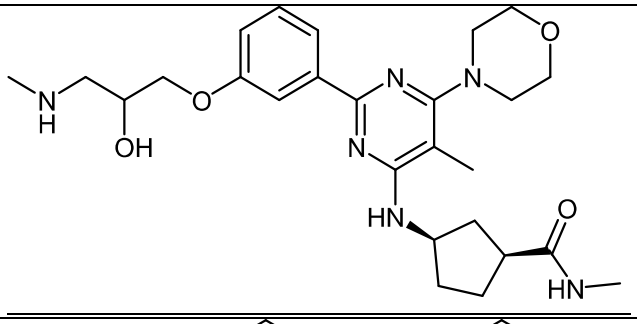
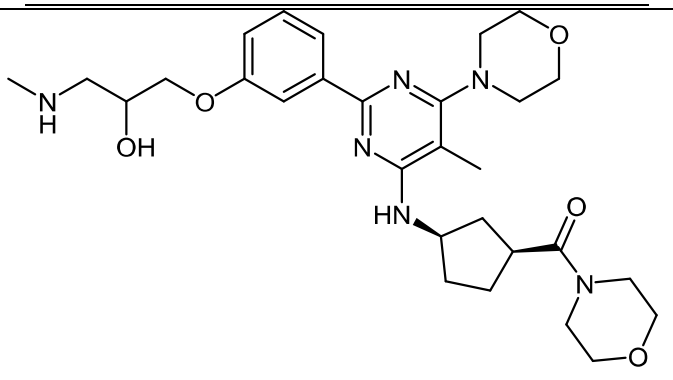
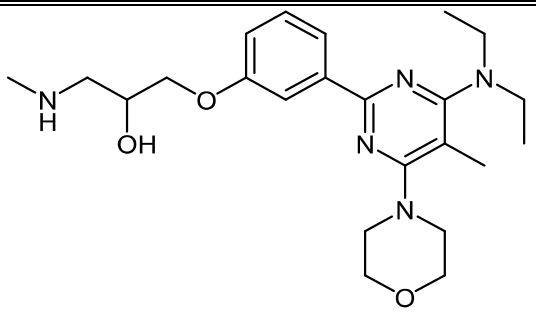
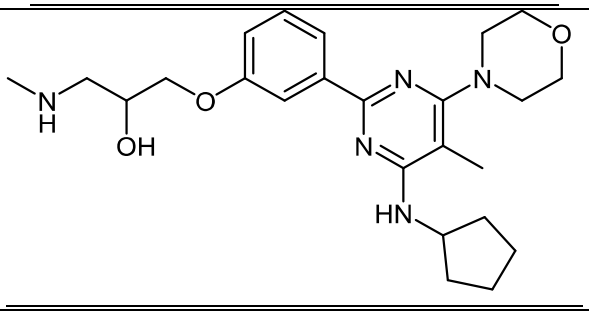
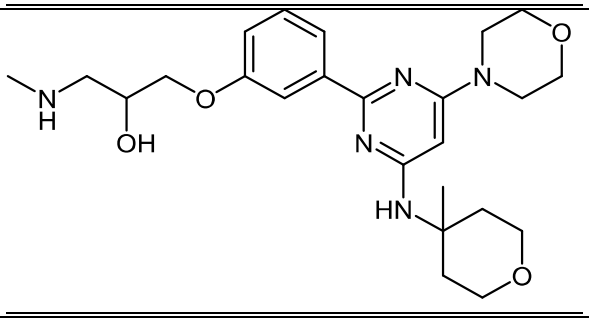
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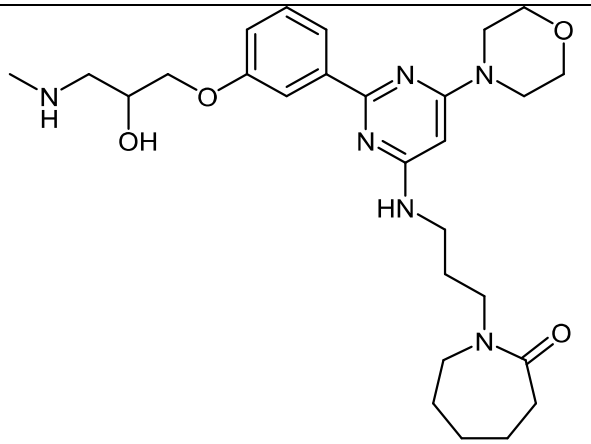
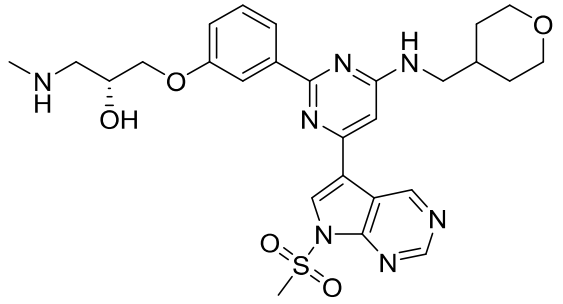
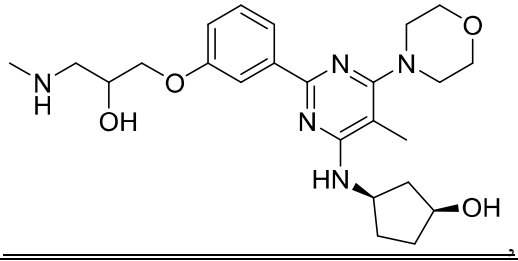
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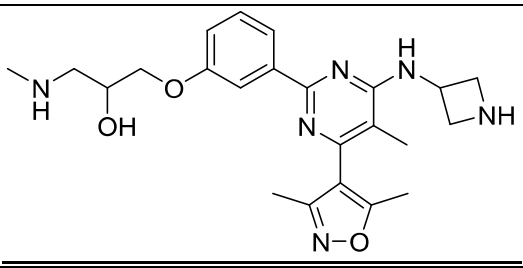
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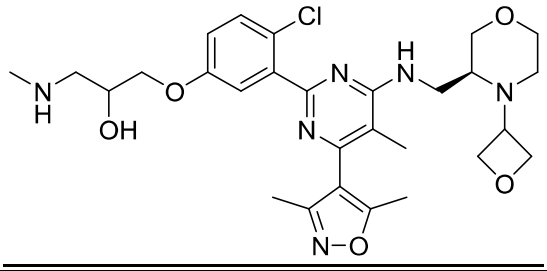
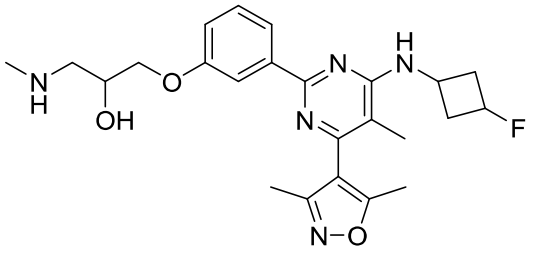
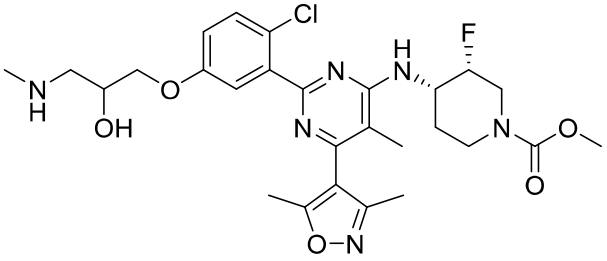
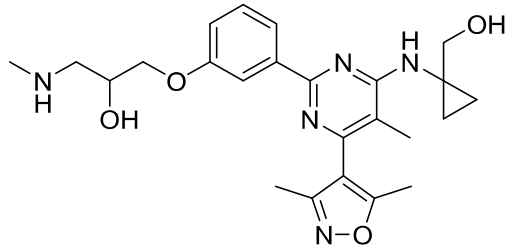
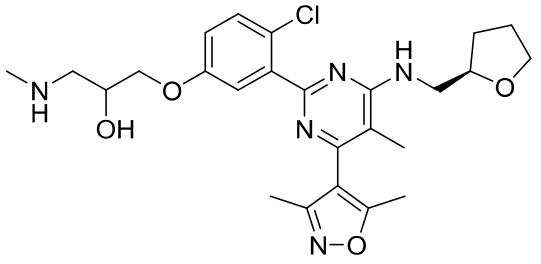
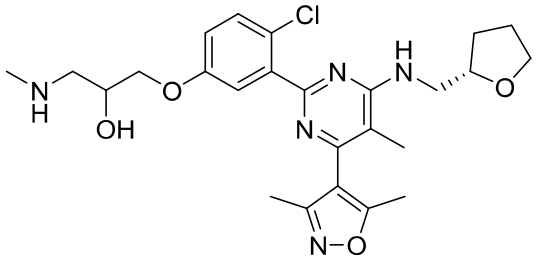
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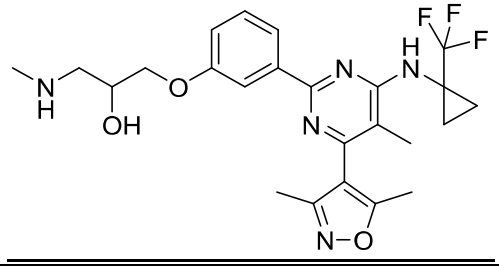
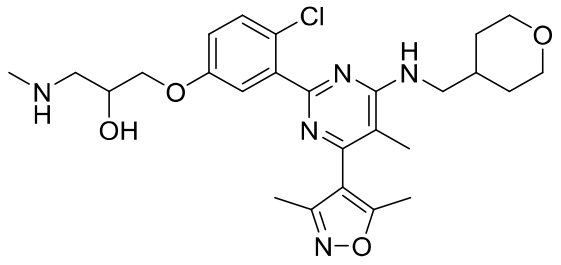
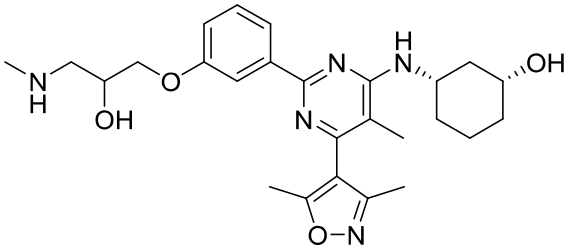
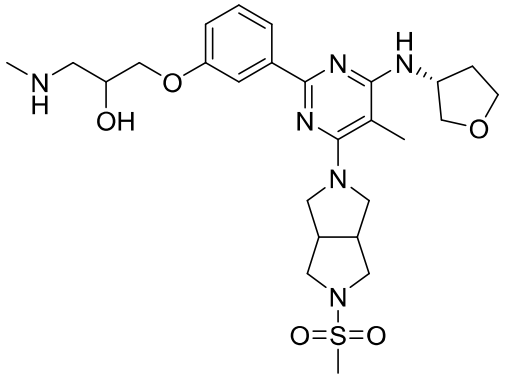
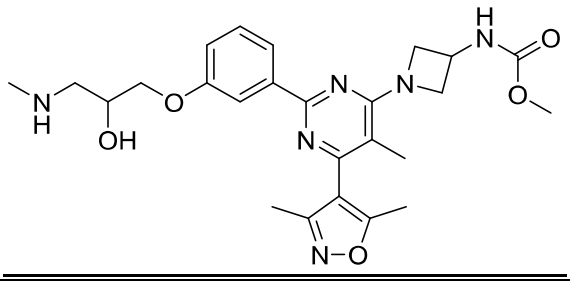
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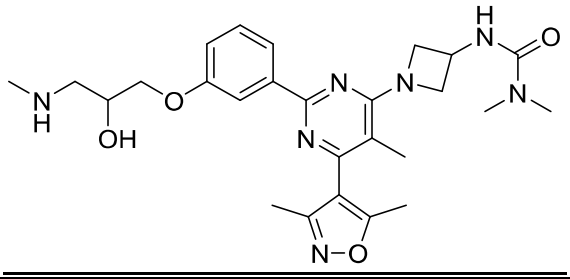
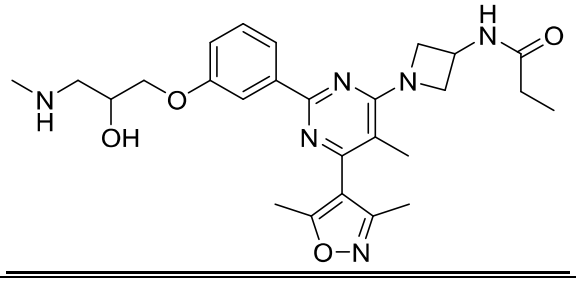
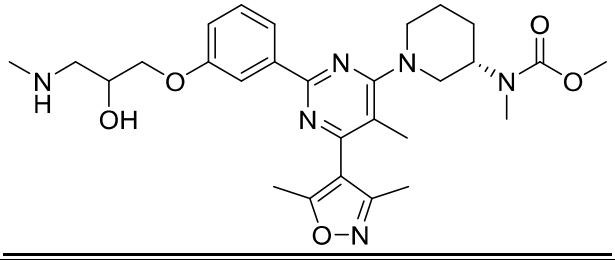
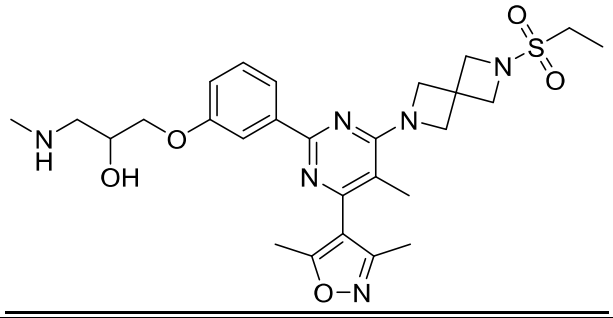
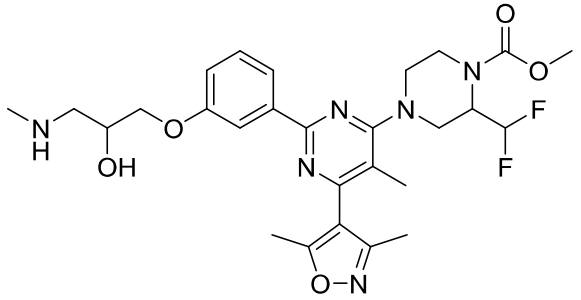
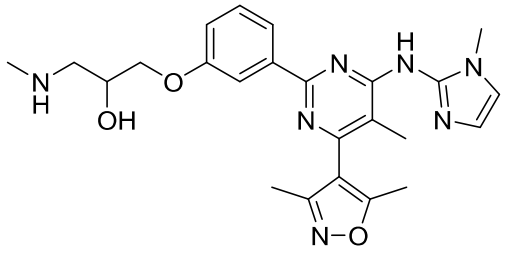
and pharmaceutically acceptable salts thereof.

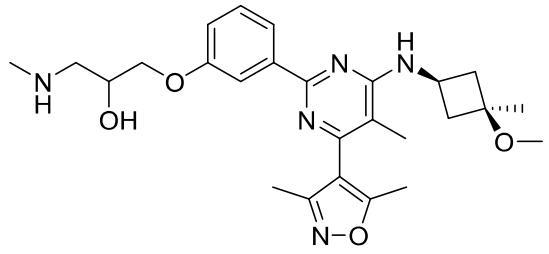
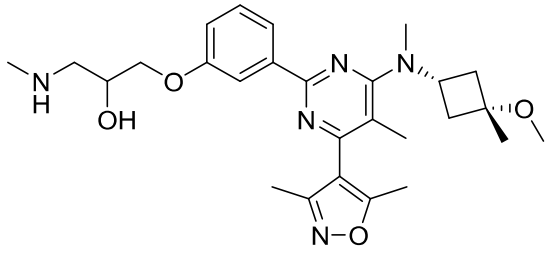
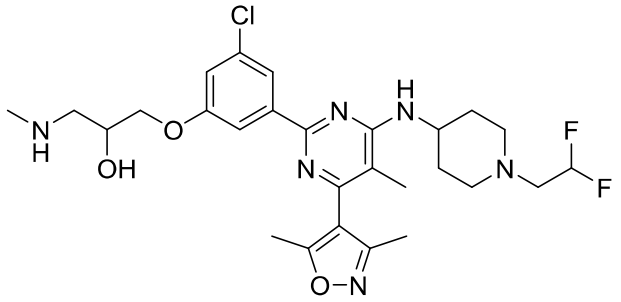
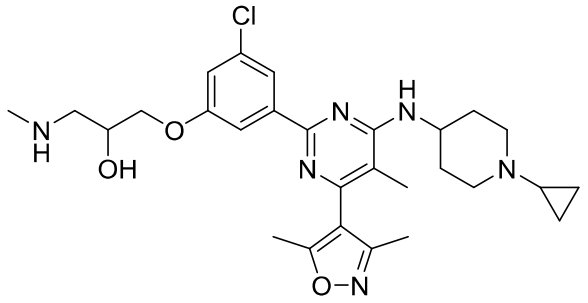
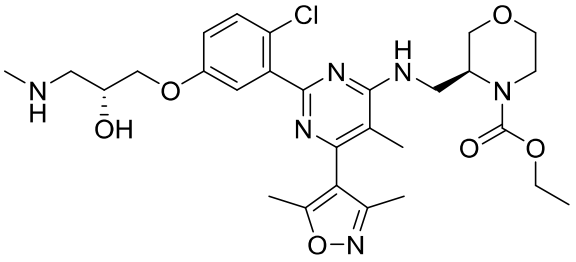
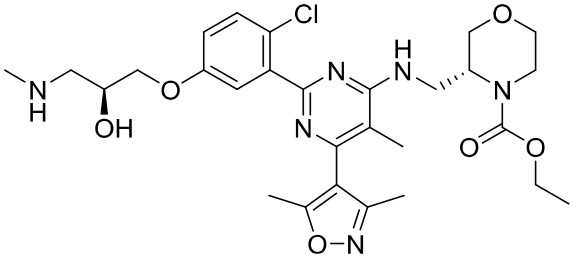
18. The compound of claim 1, wherein the compound is selected from the group consisting of:

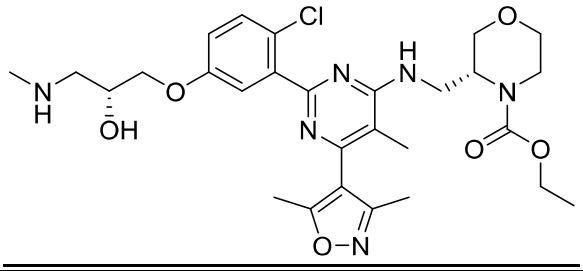
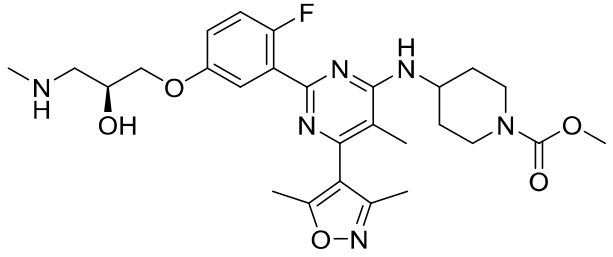
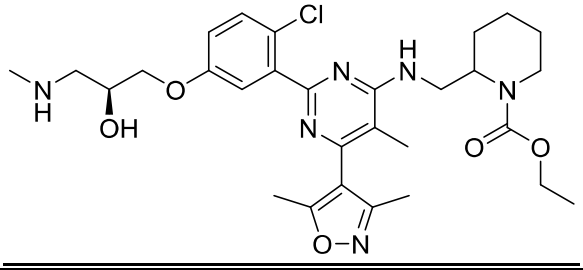
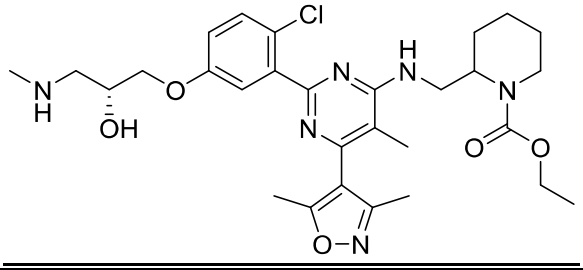
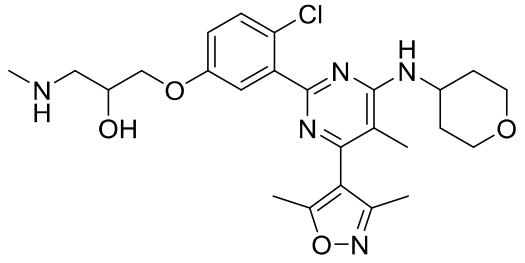
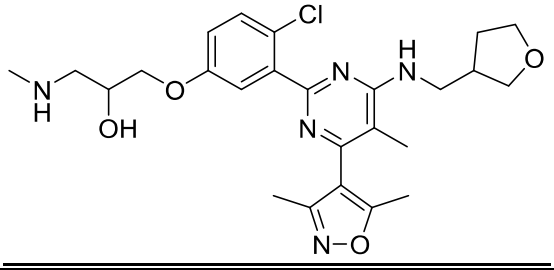
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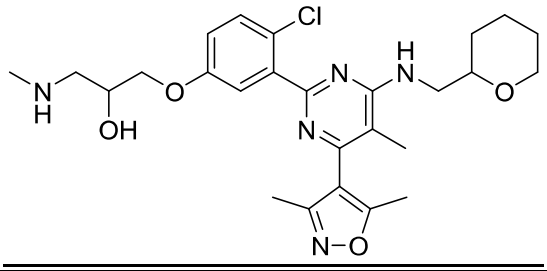
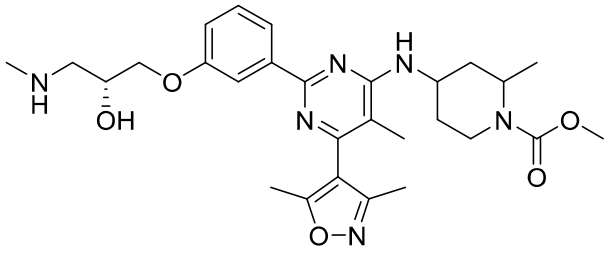
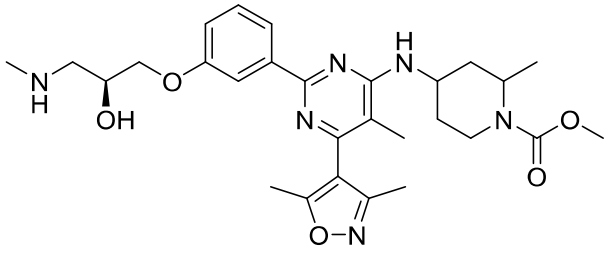
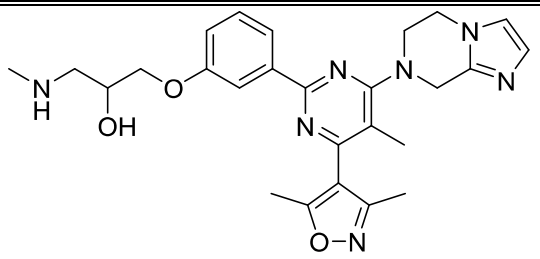
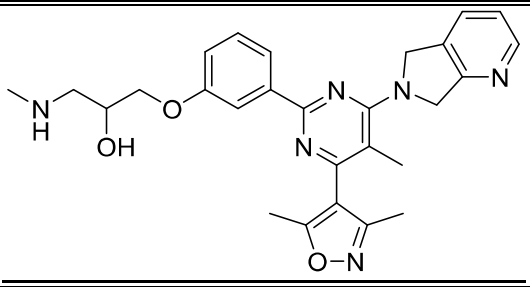
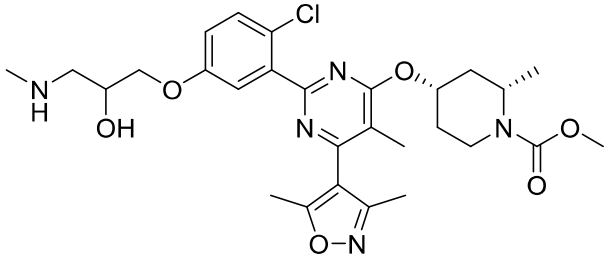
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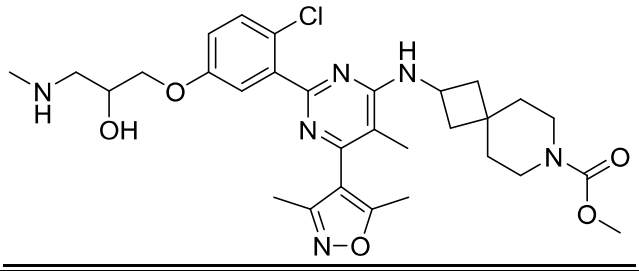
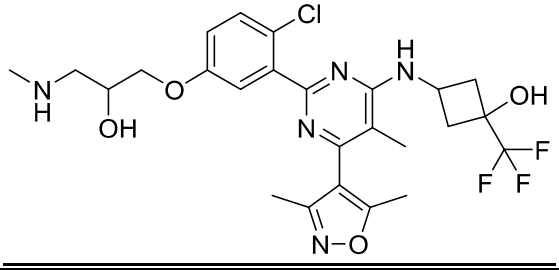
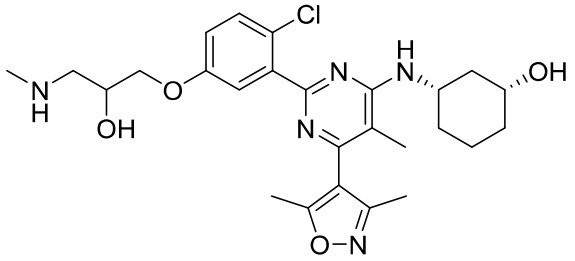
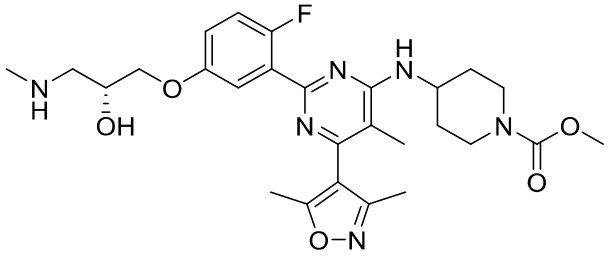
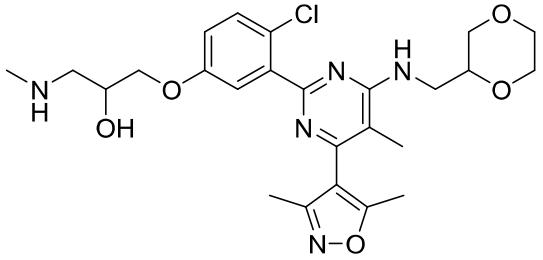
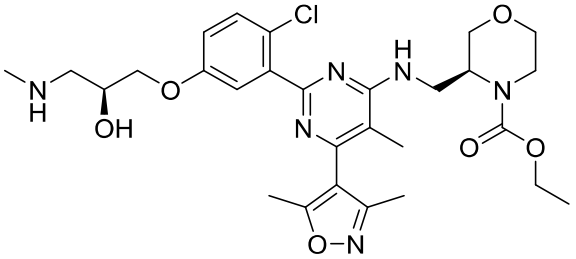
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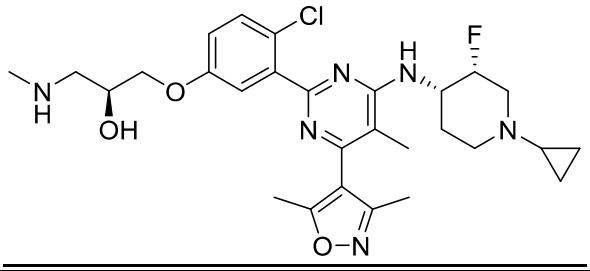
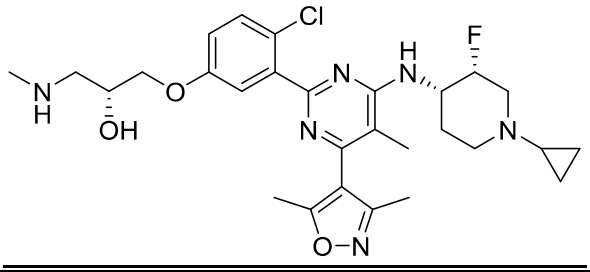
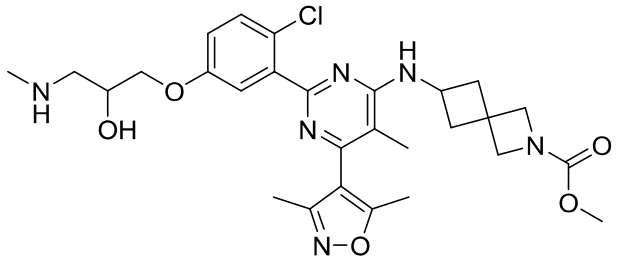
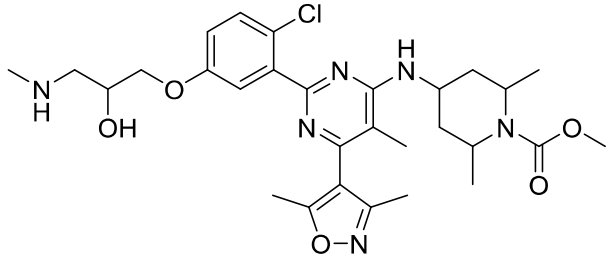
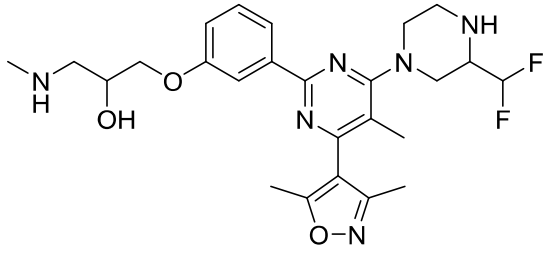
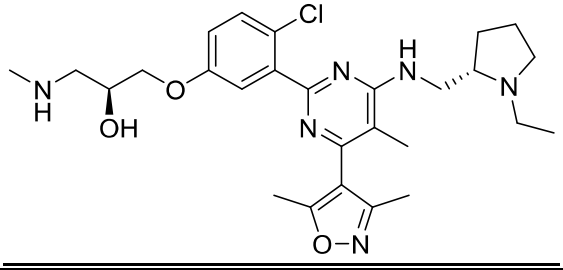
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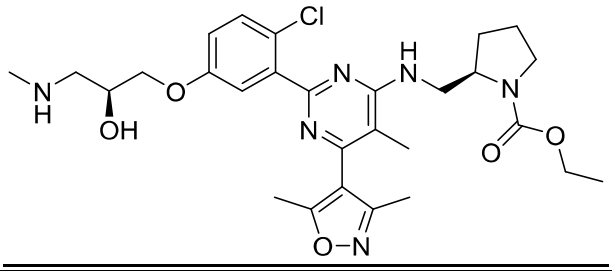
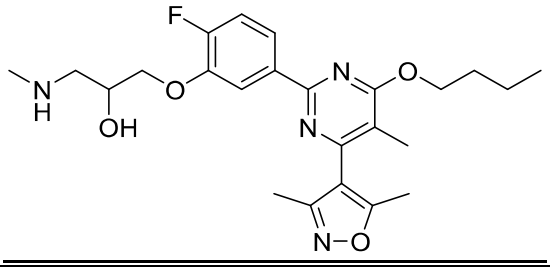
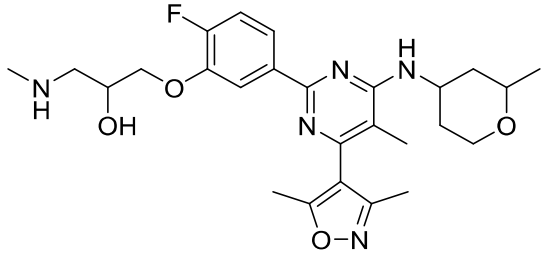
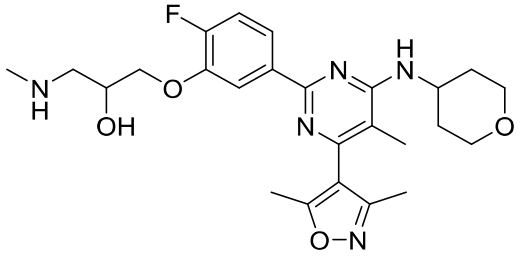
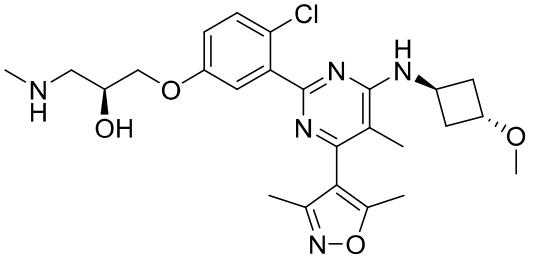
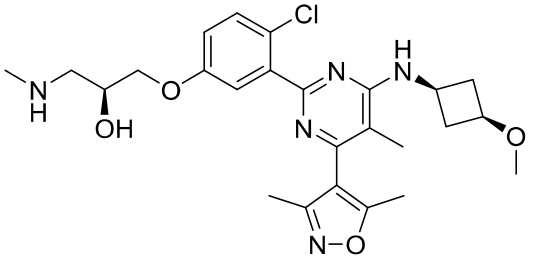
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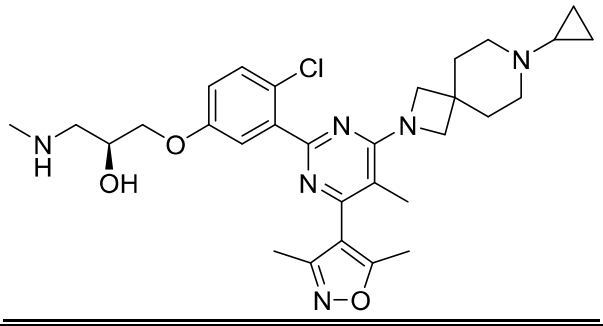
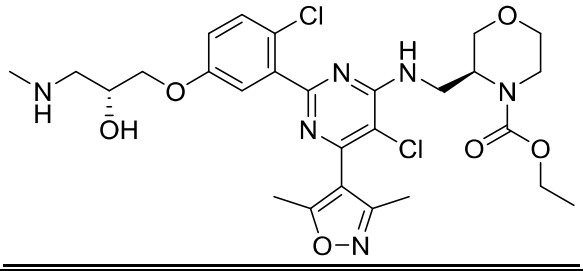
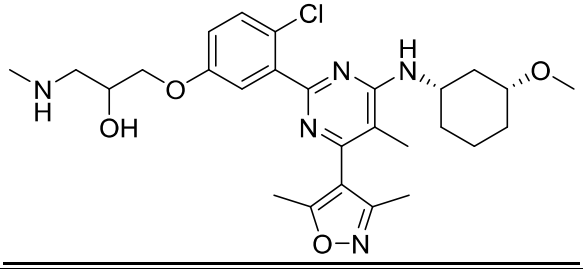
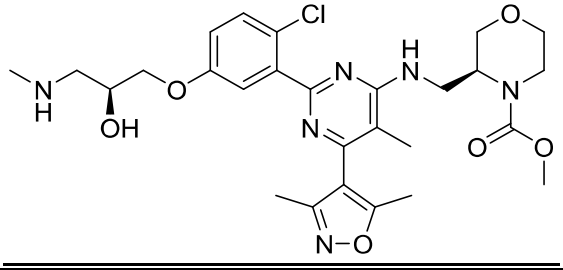
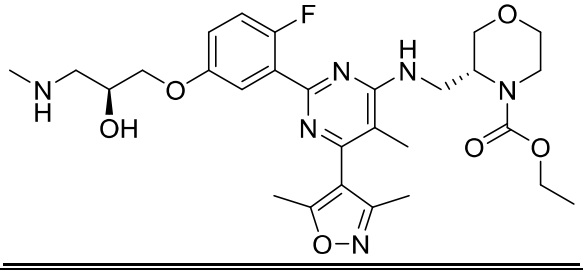
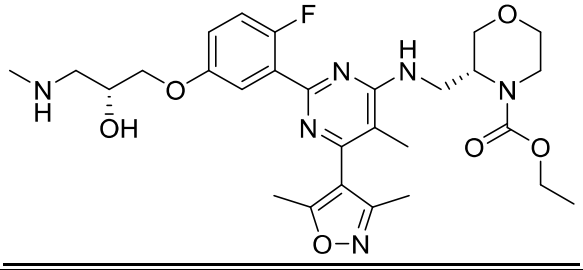
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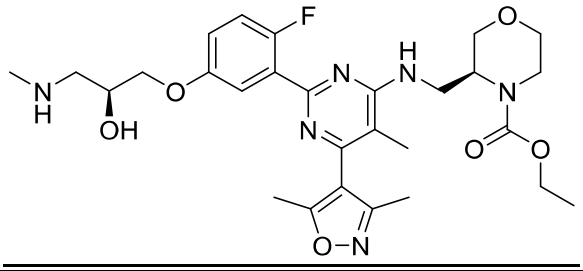
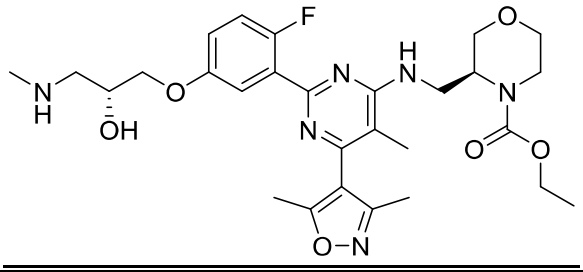
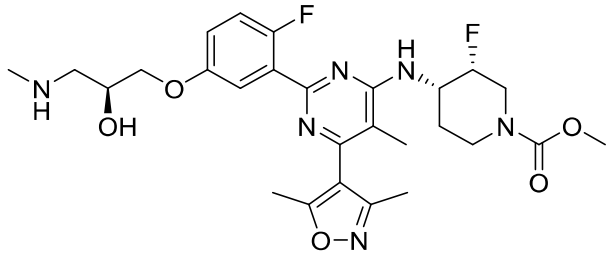
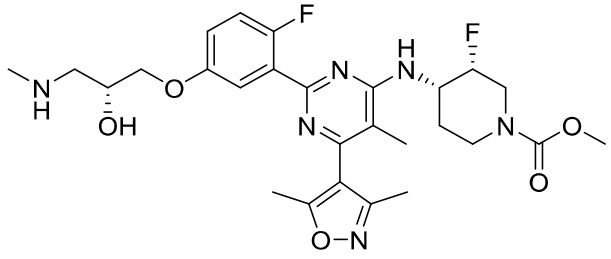
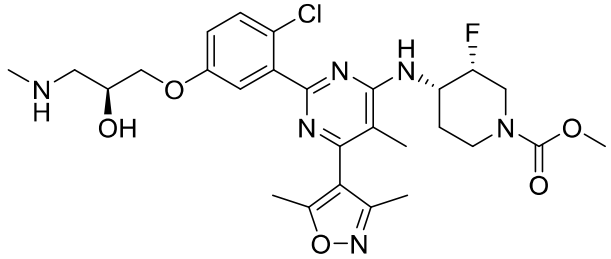
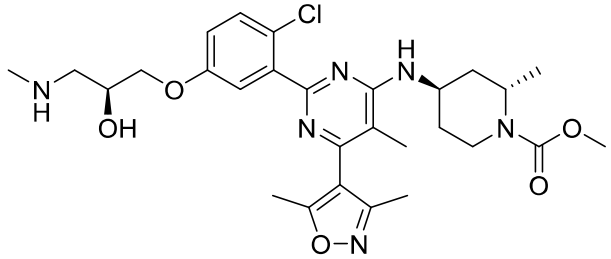
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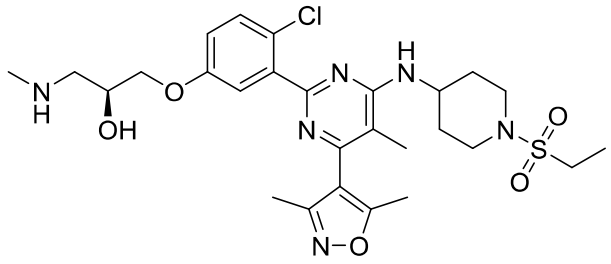
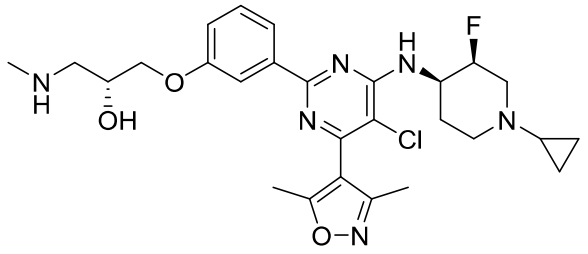
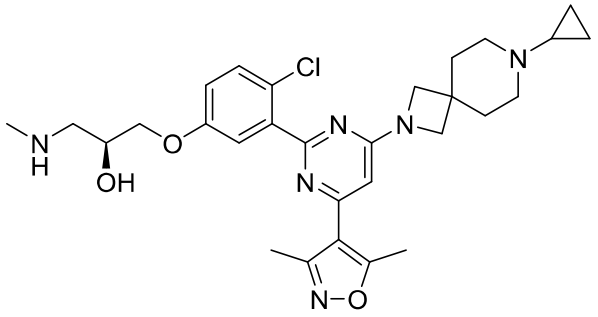
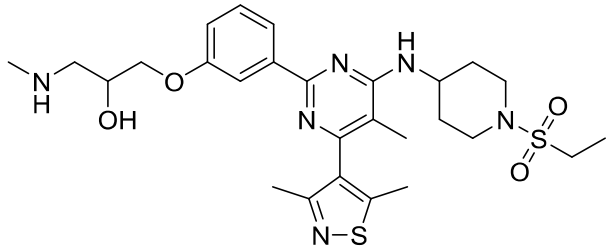
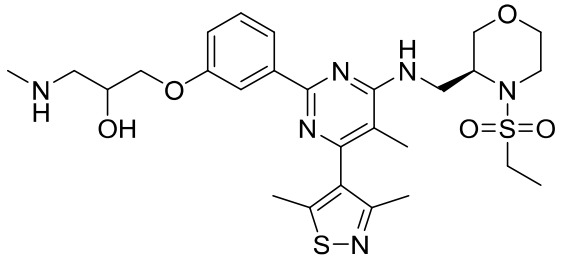
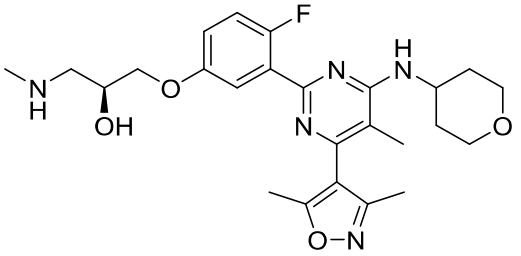
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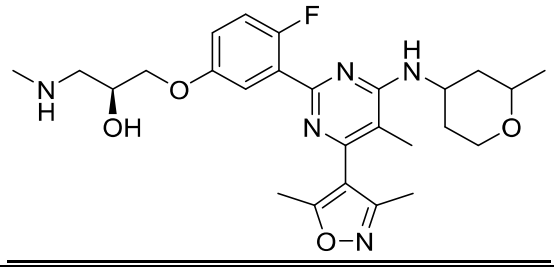
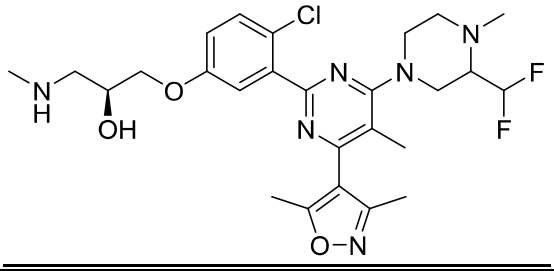
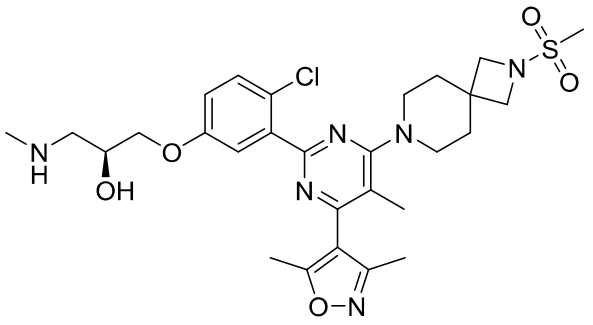
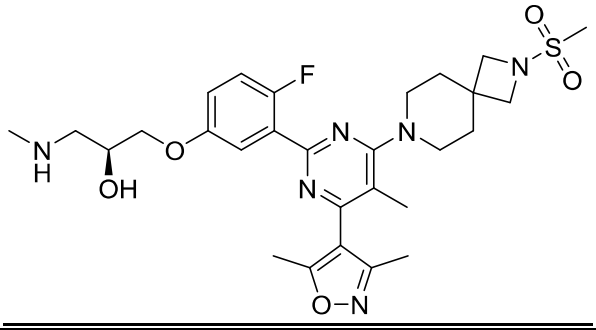
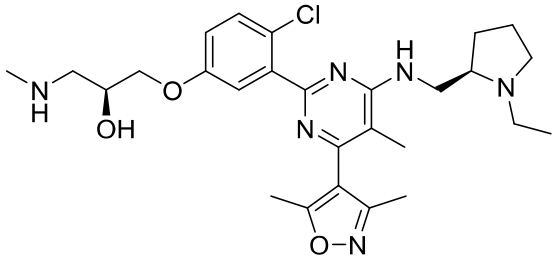
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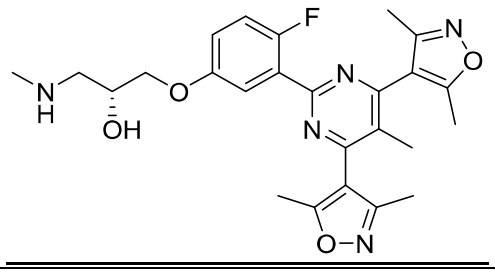
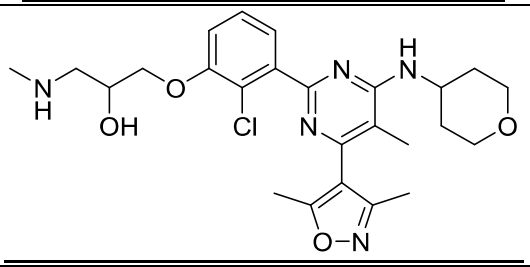
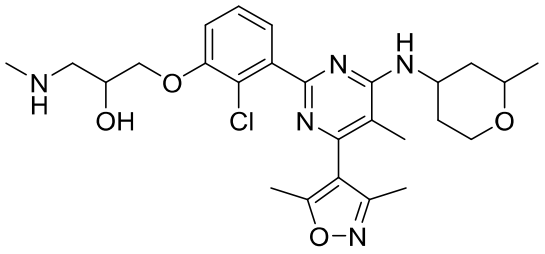
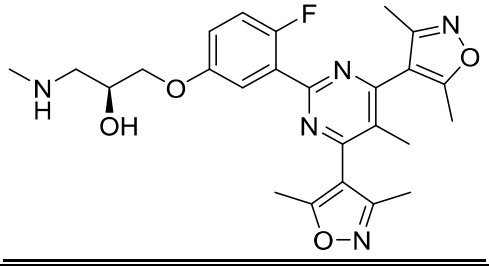
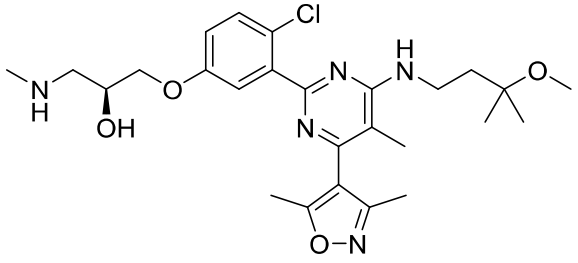
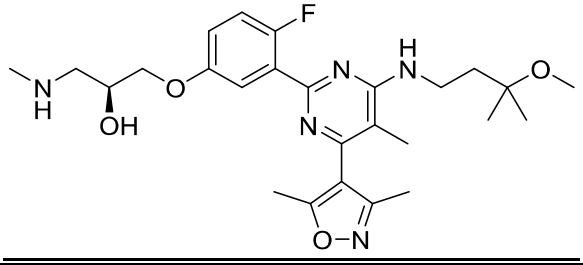
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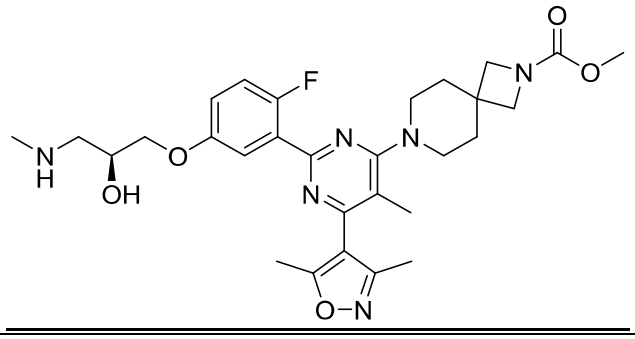
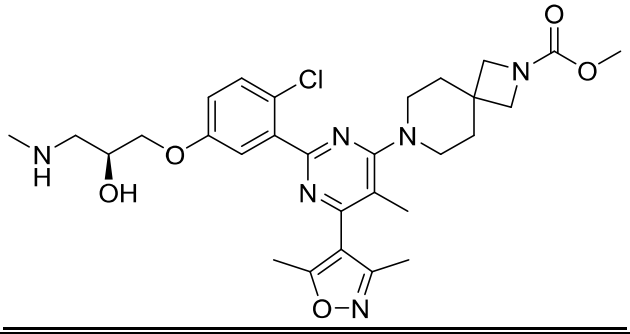
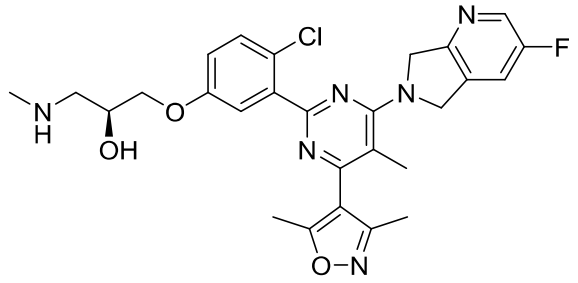
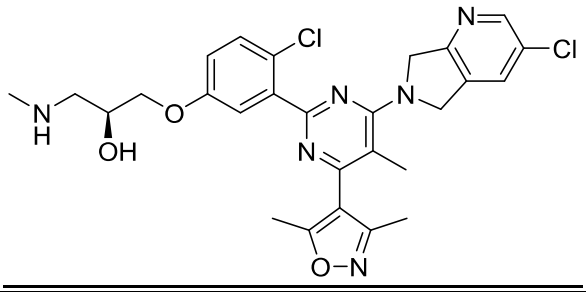
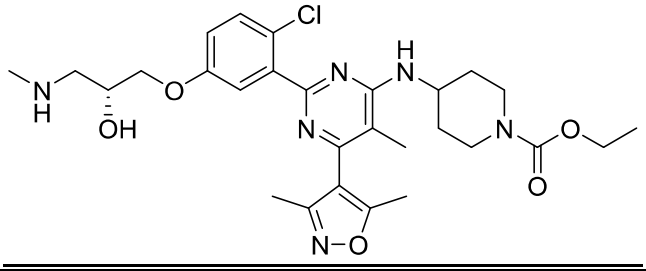
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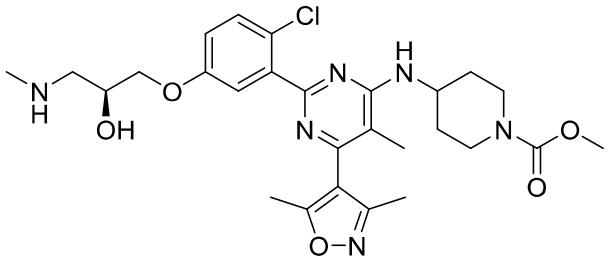
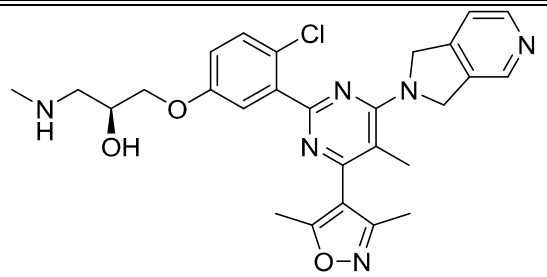
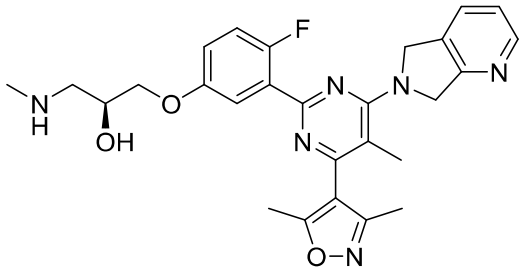
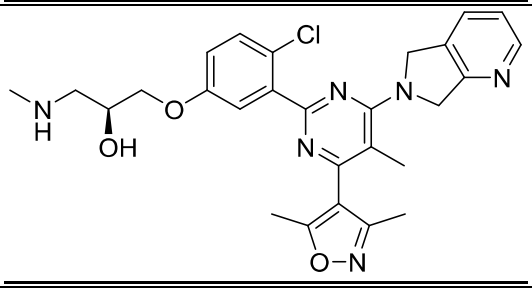
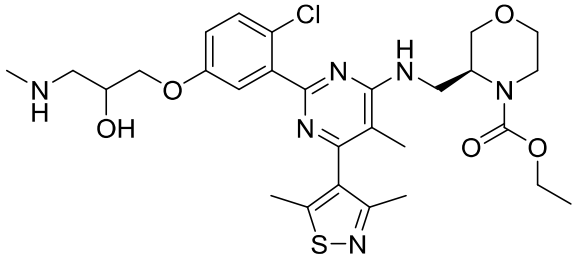
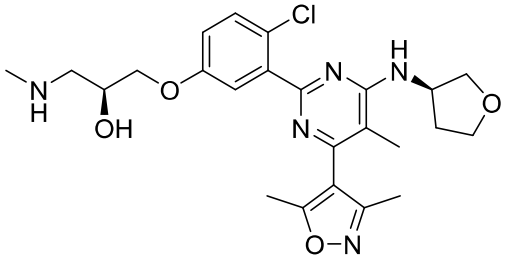
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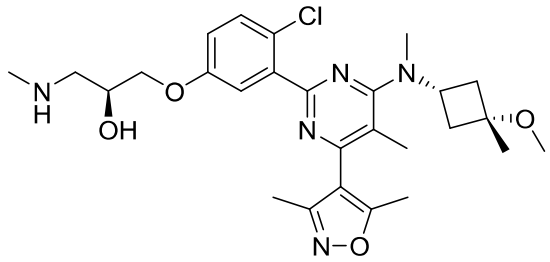
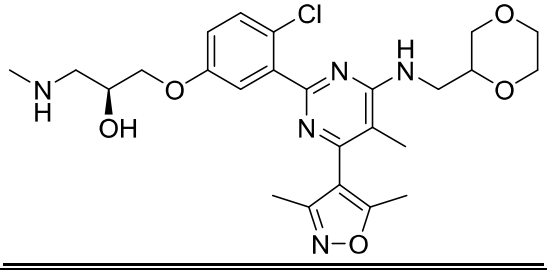
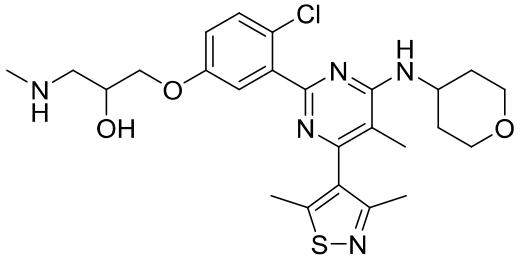
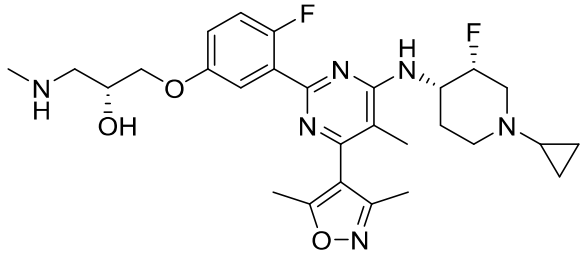
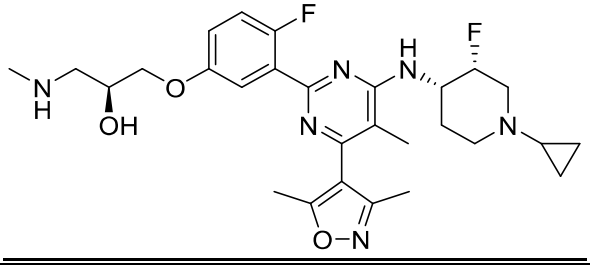
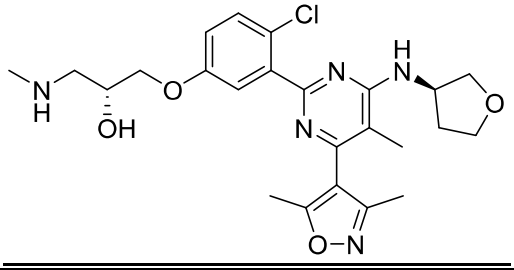
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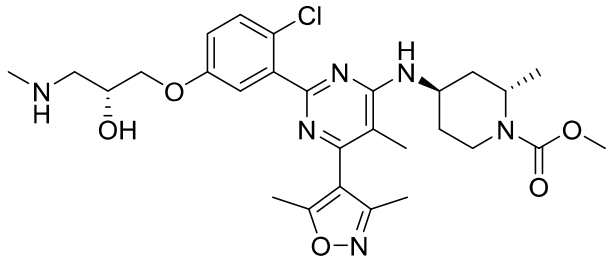
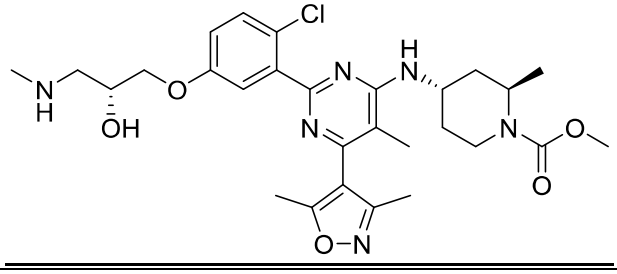
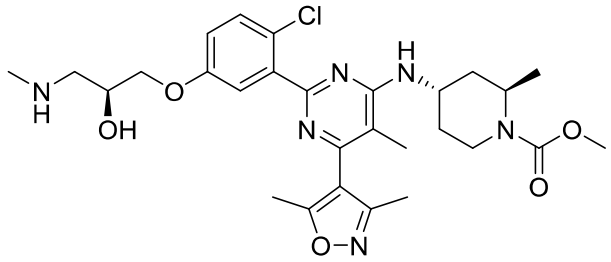
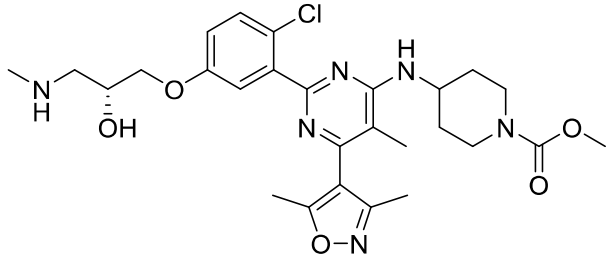
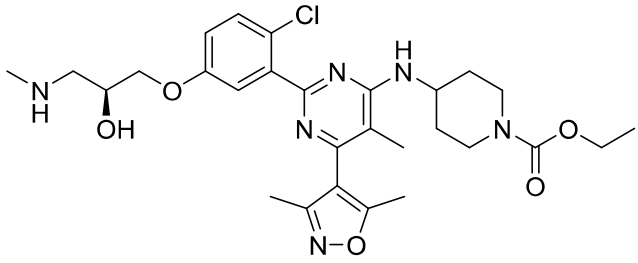
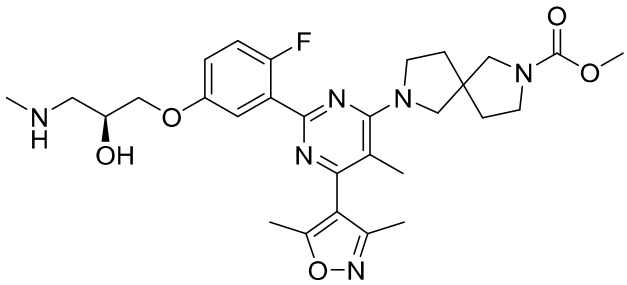
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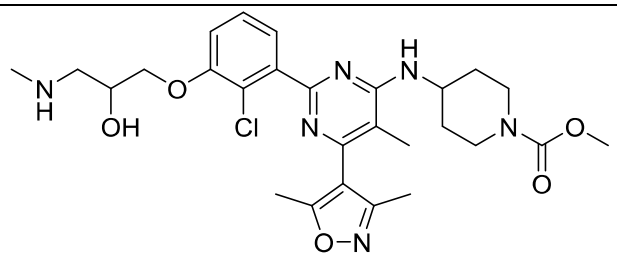
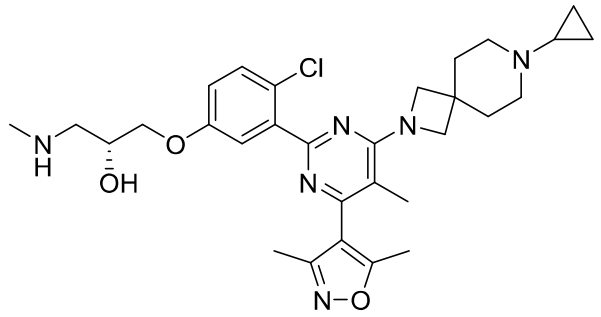
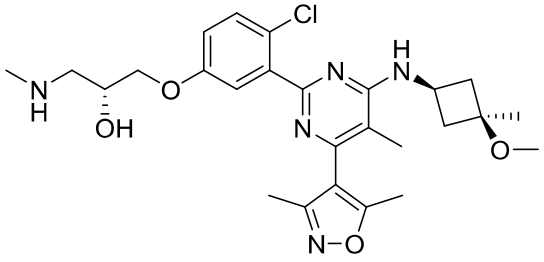
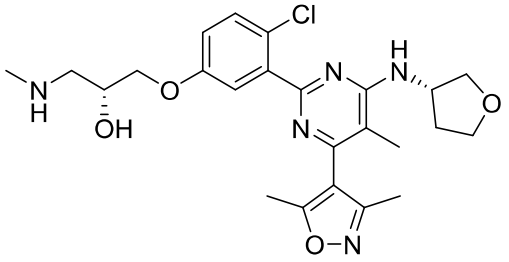
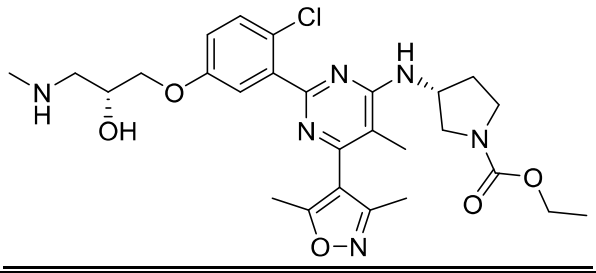
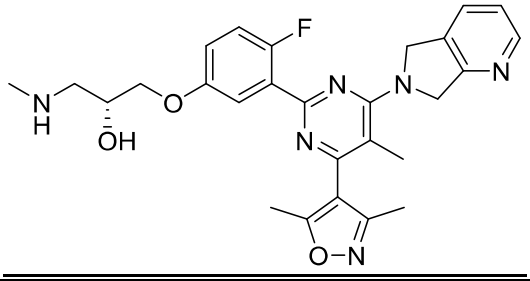
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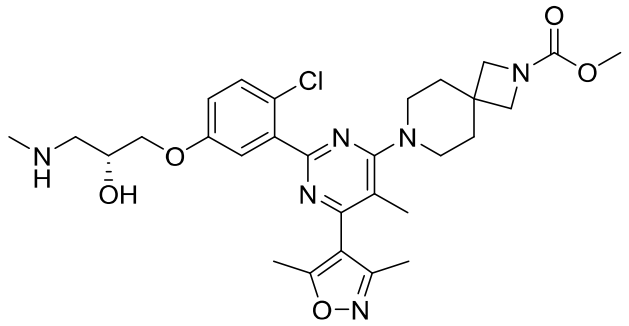
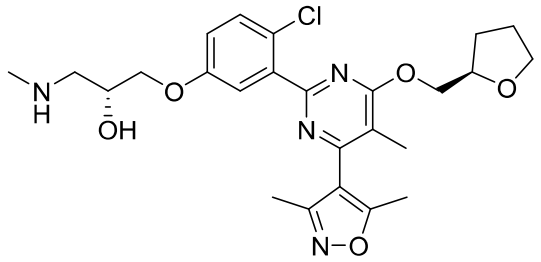
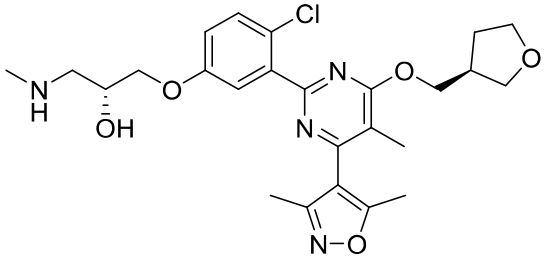
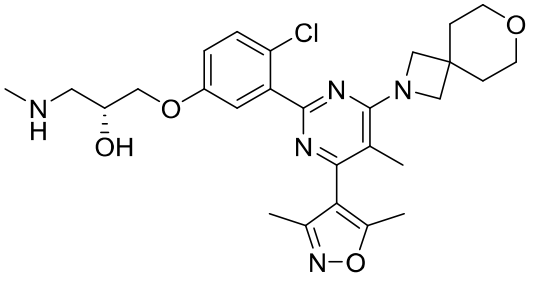
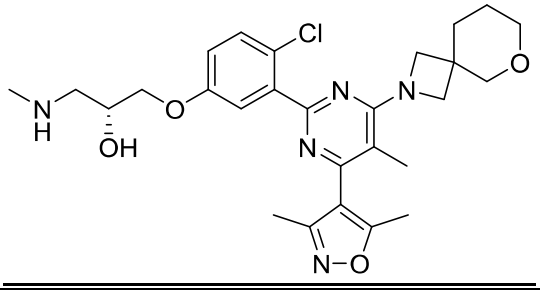
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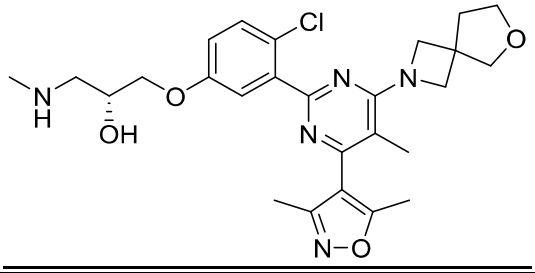
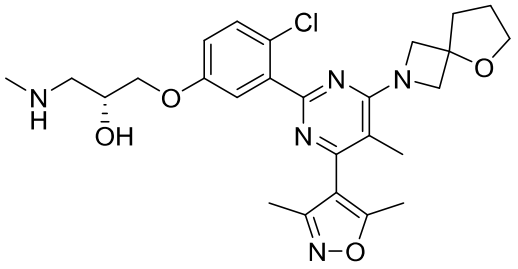
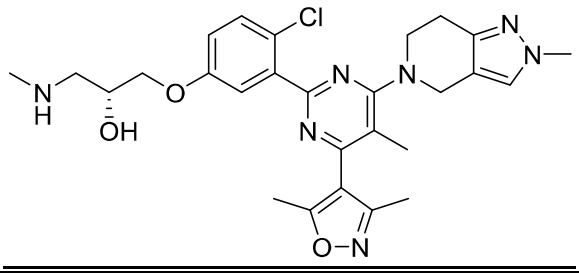
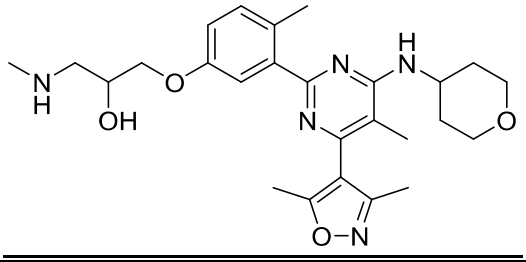
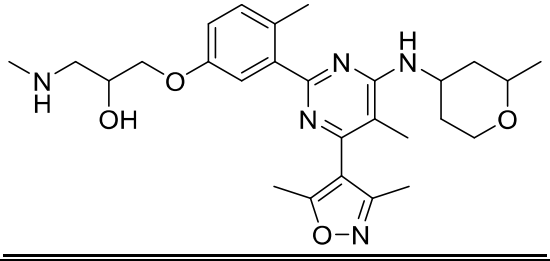
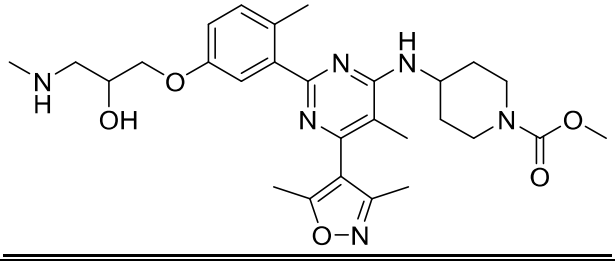
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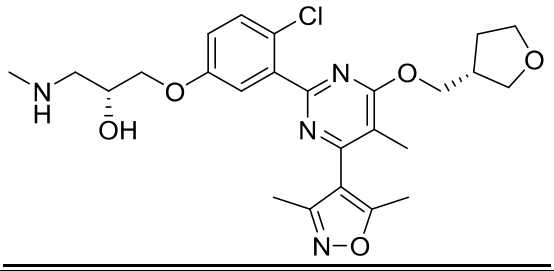
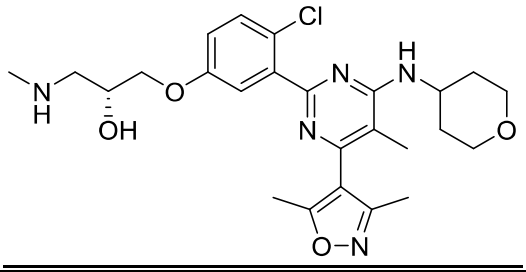
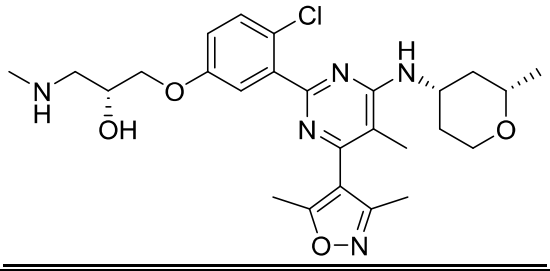
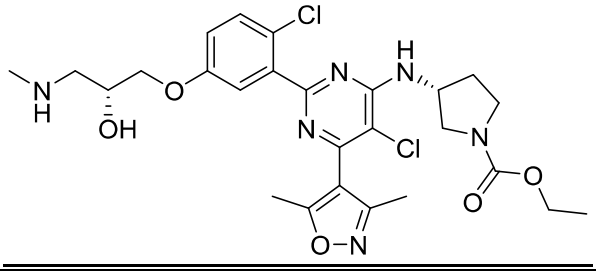
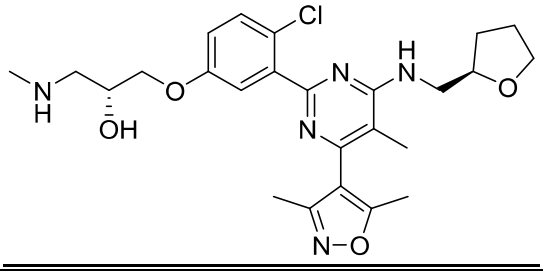
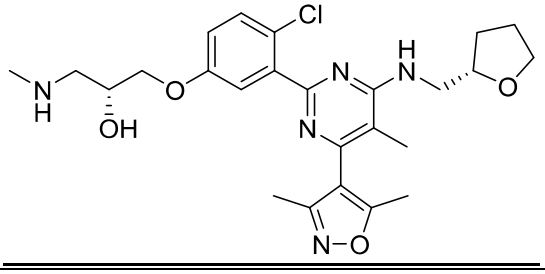
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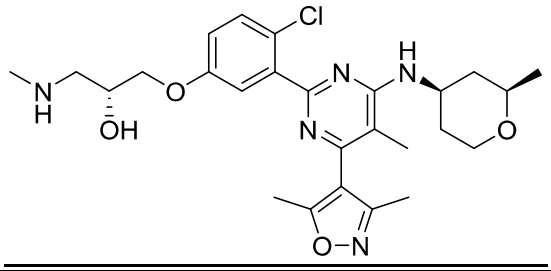
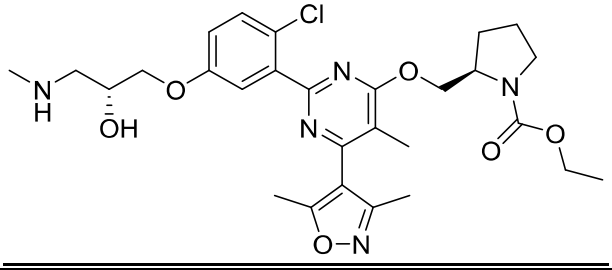
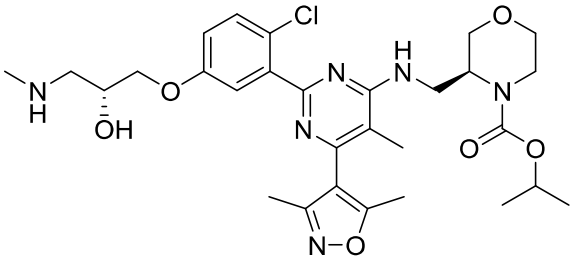
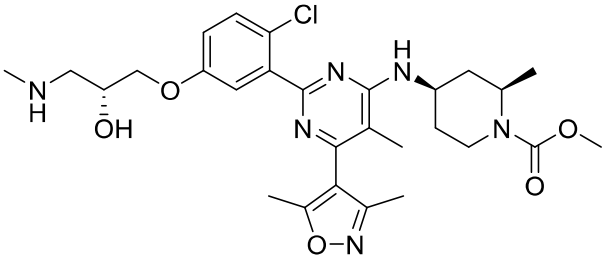
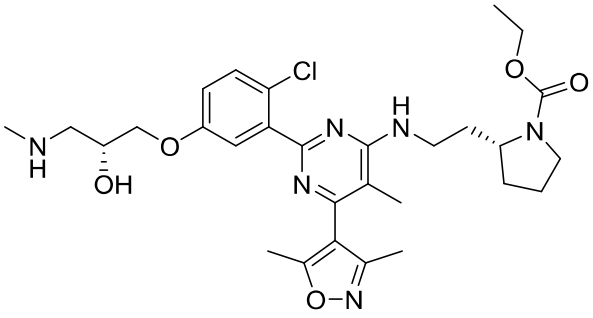
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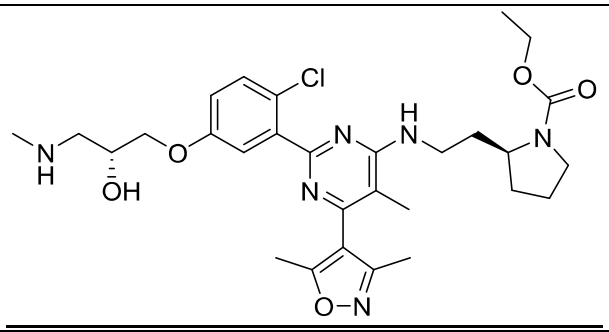
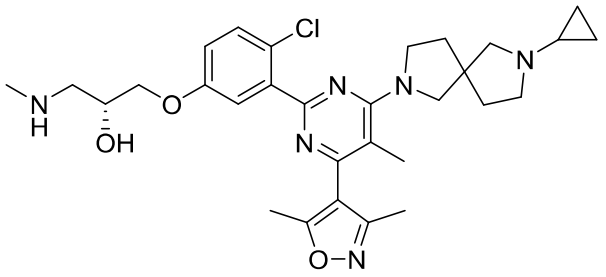
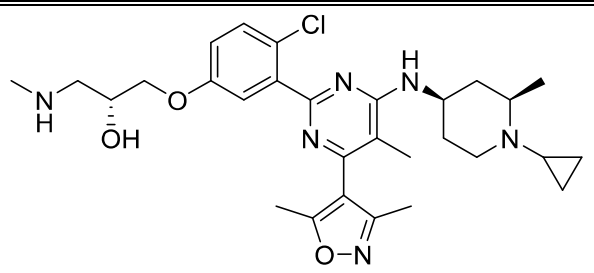
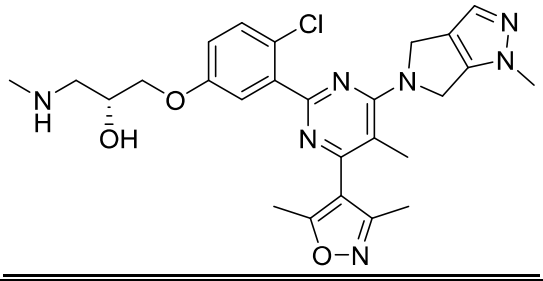
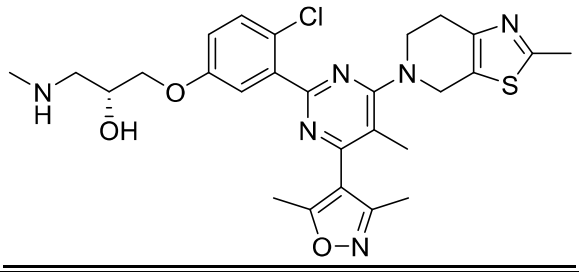
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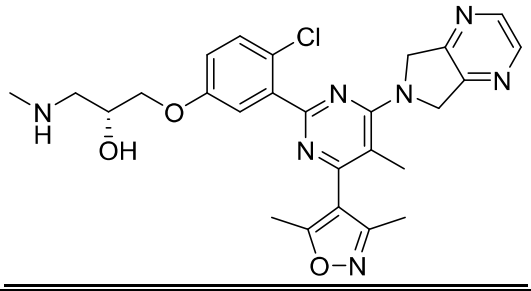
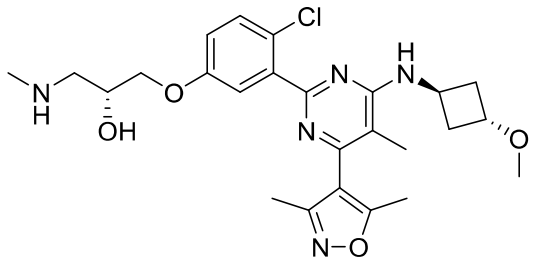
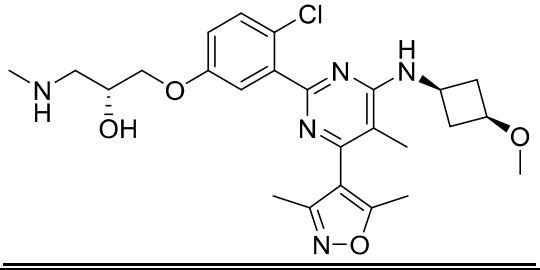
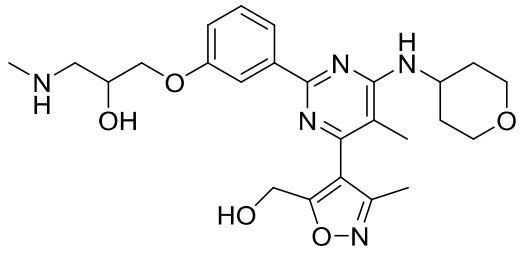
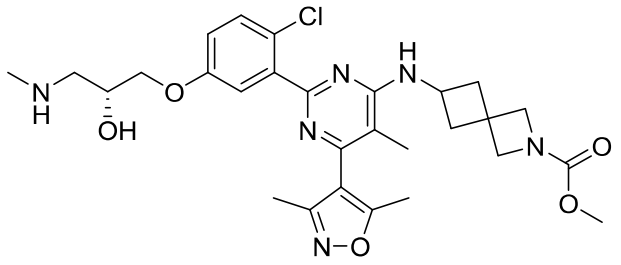
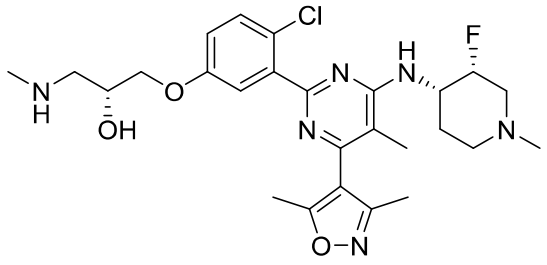
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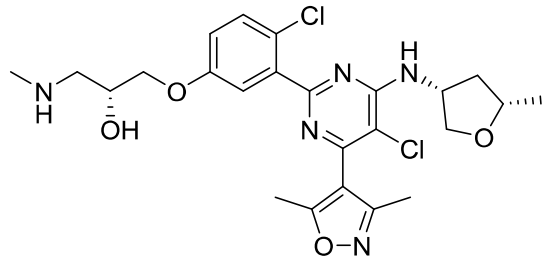
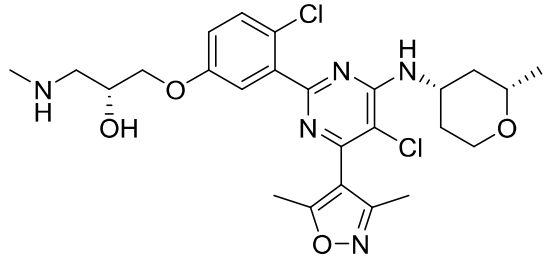
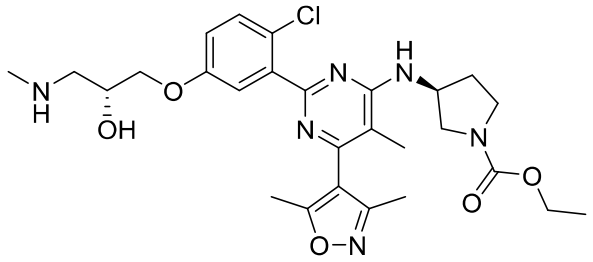
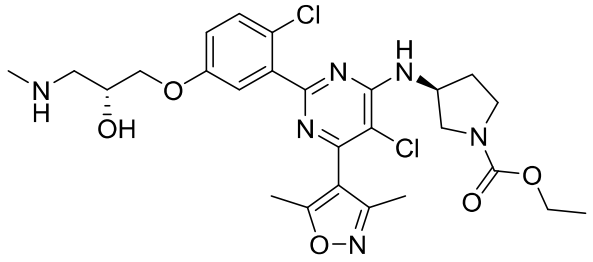
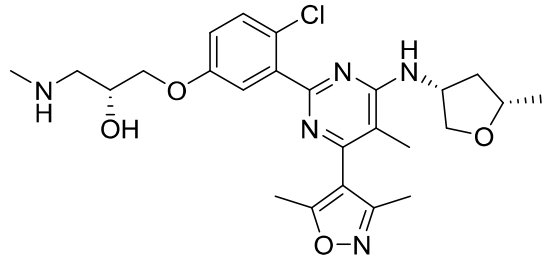
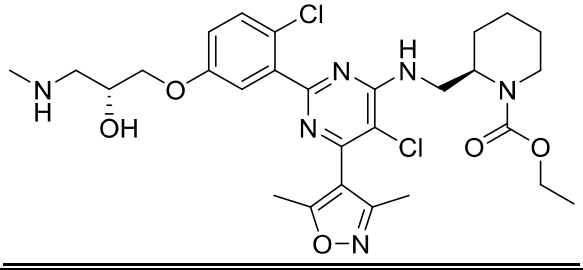
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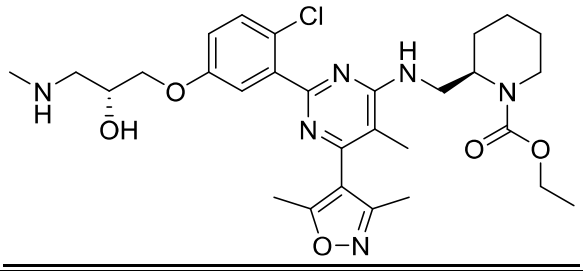
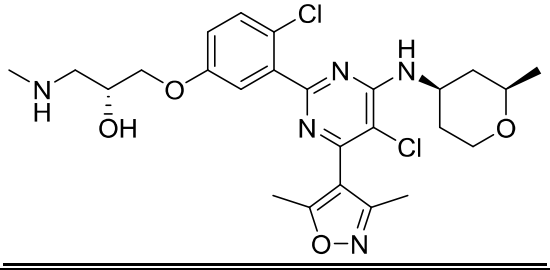
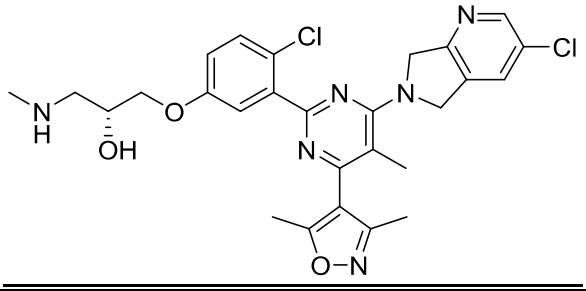
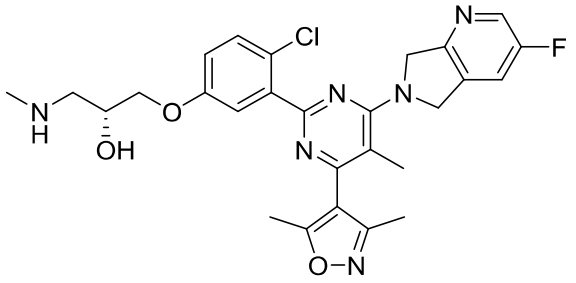
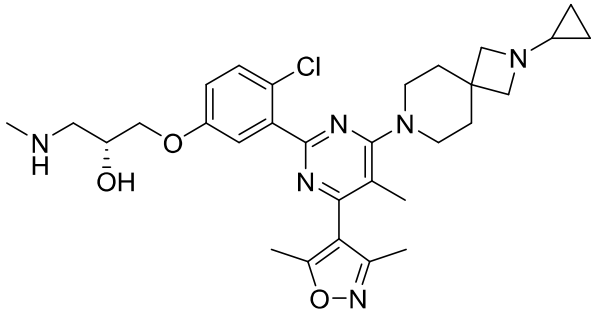
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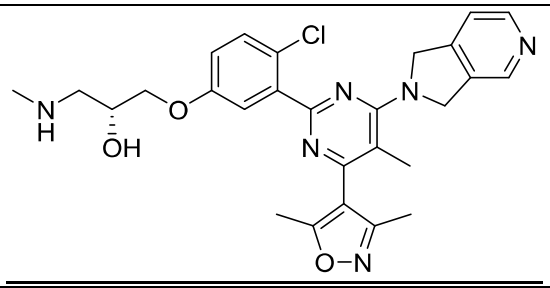
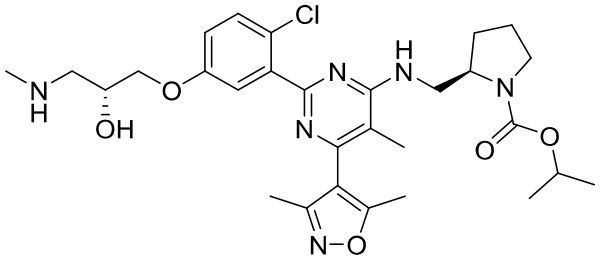
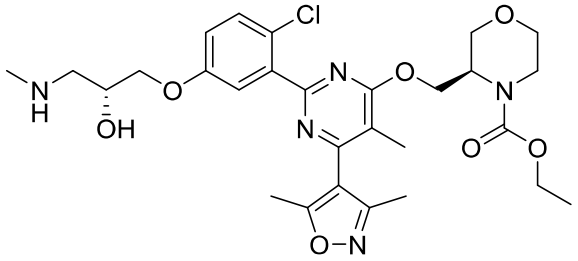
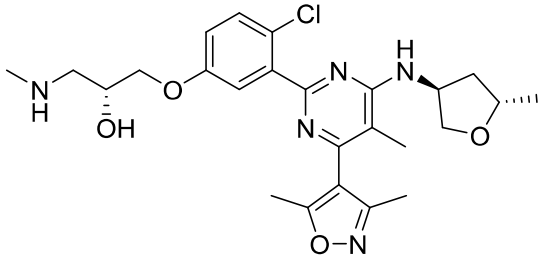
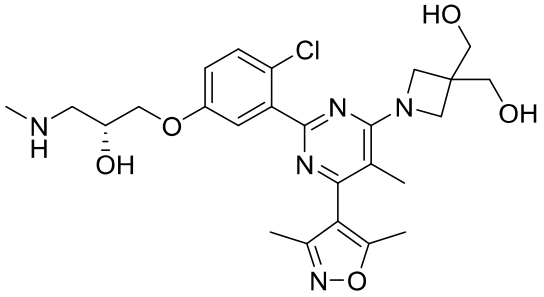
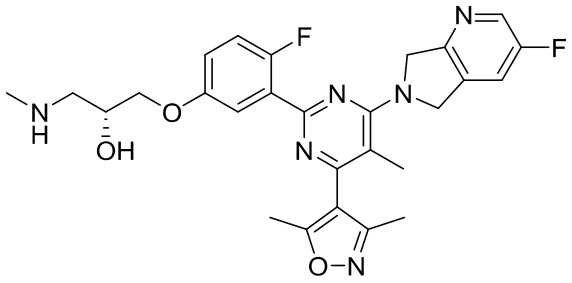
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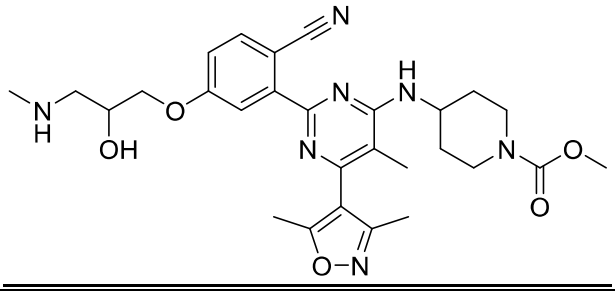
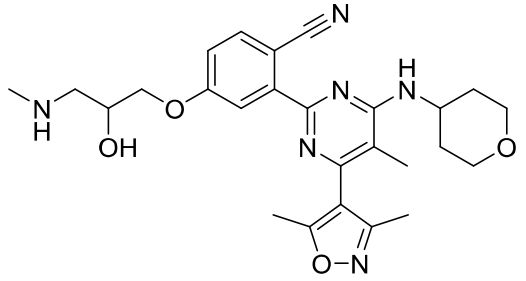
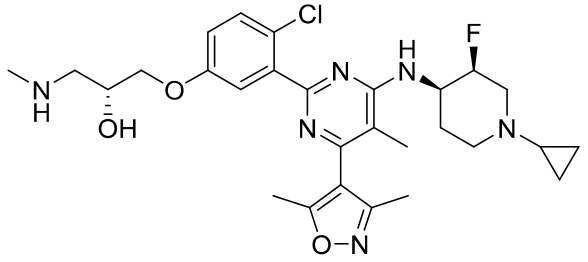
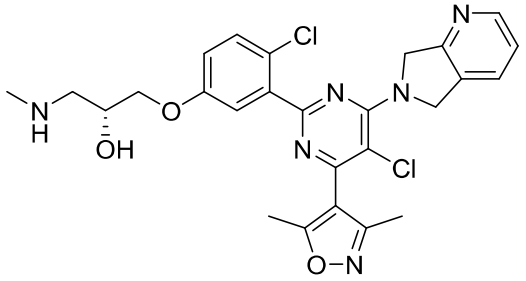
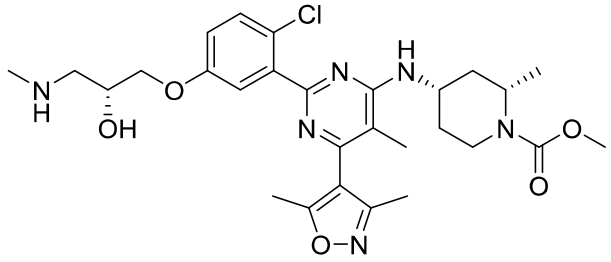
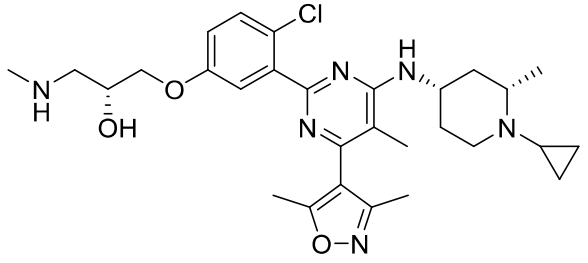
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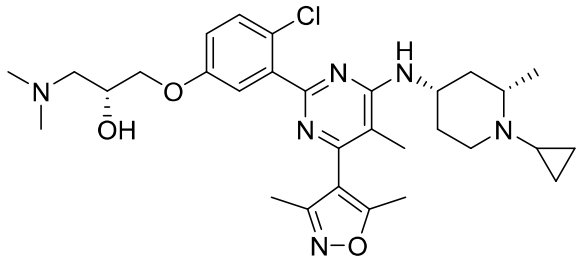
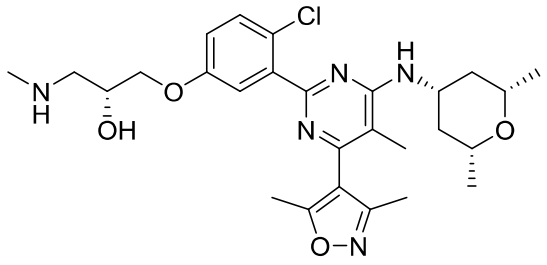
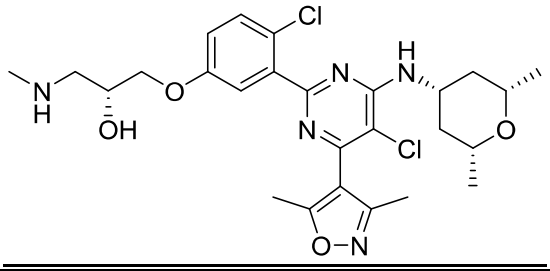
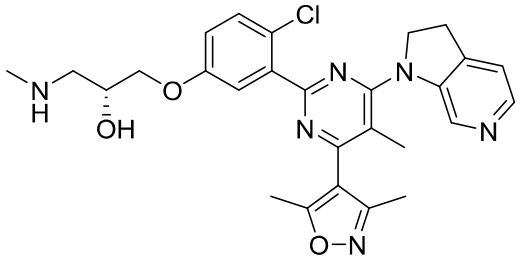
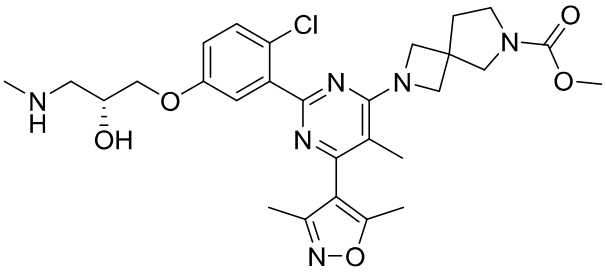
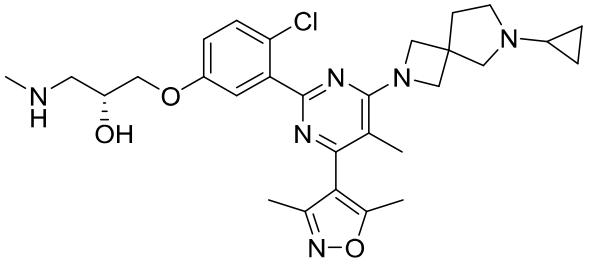
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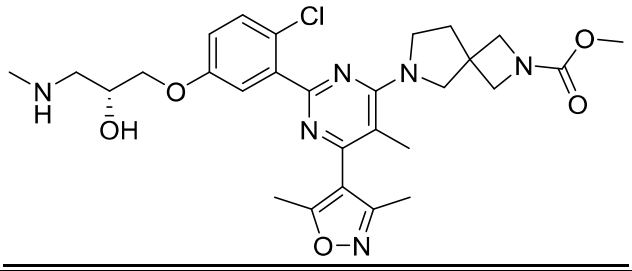
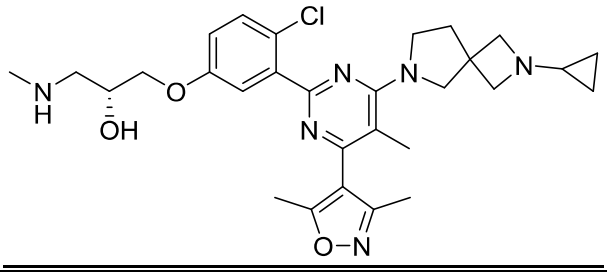
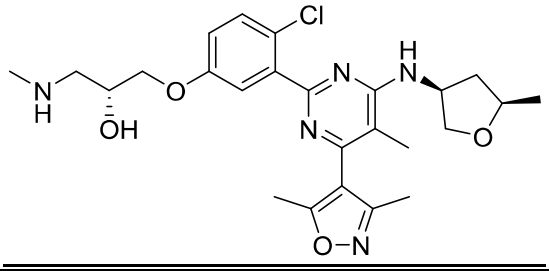
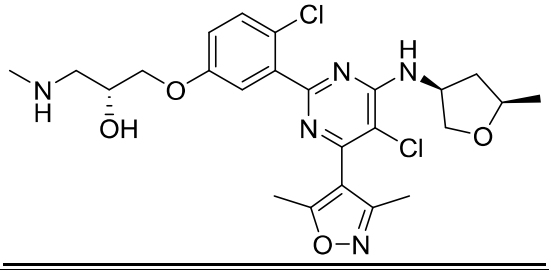
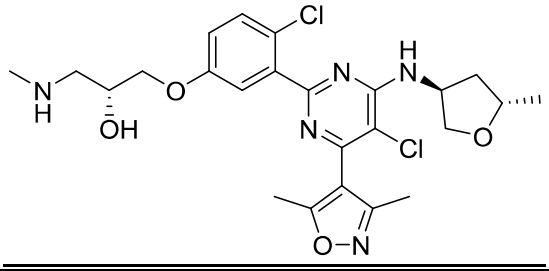
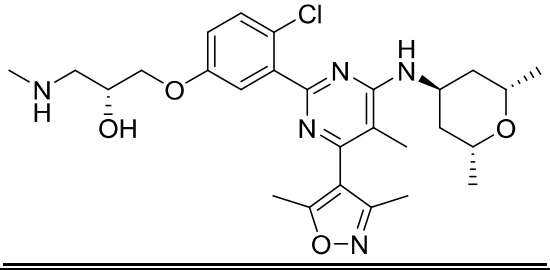
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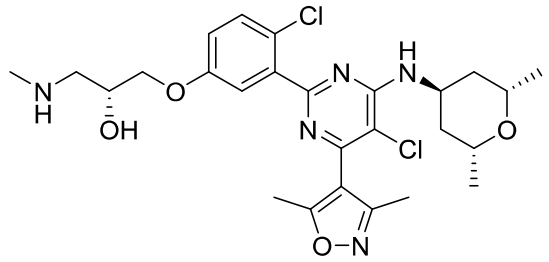
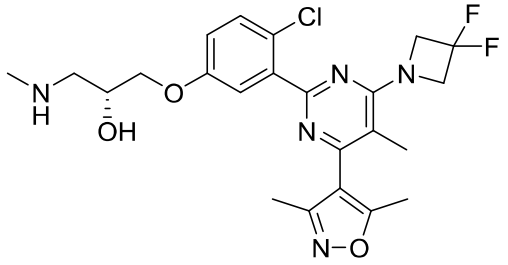
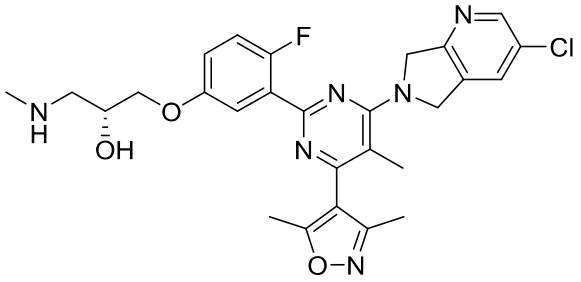
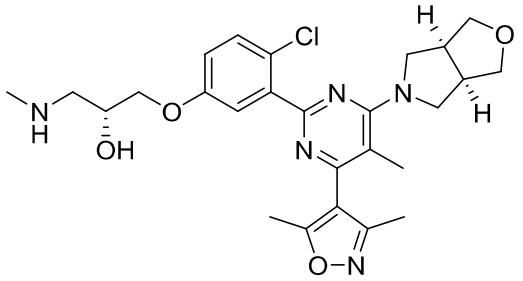
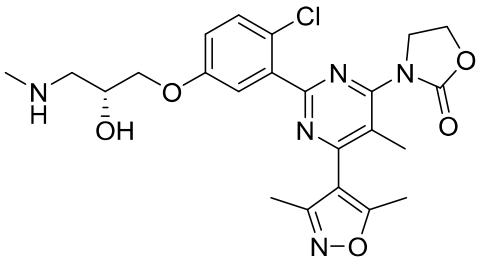
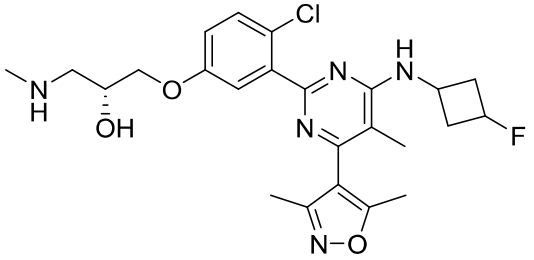
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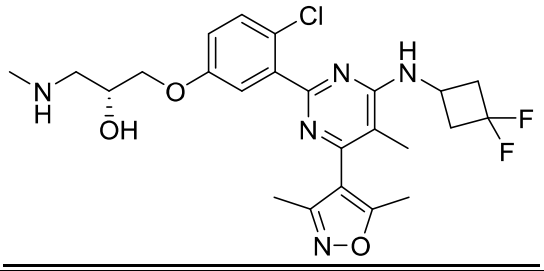
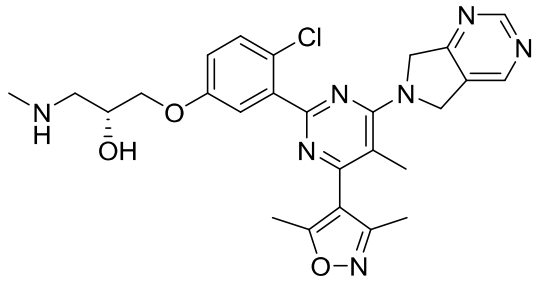
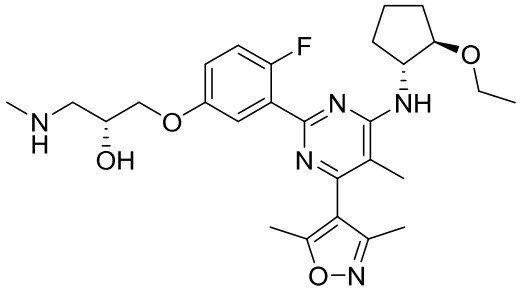
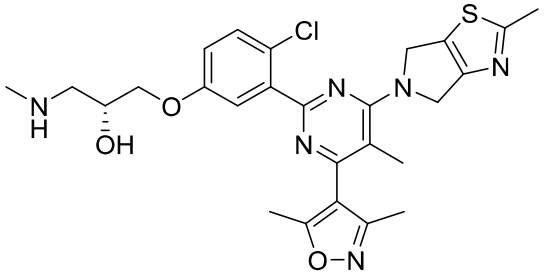
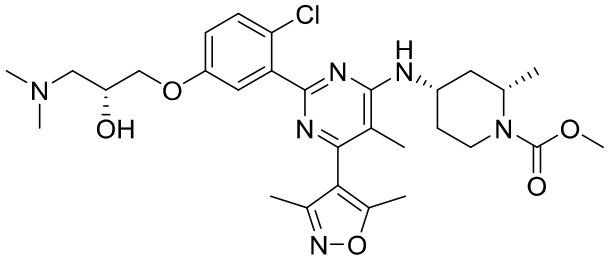
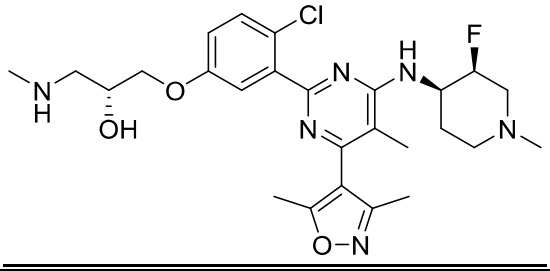
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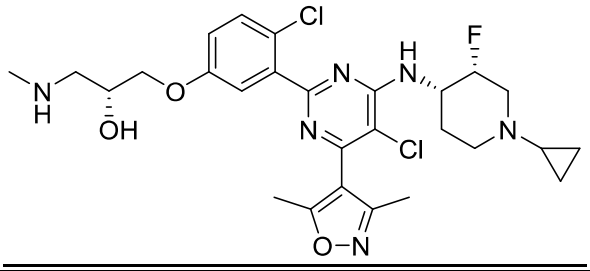
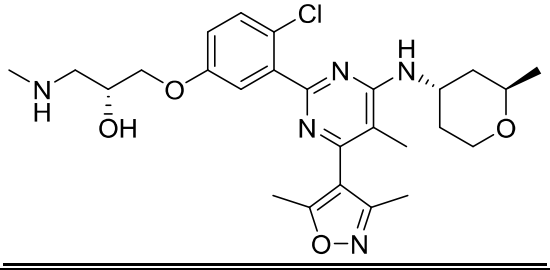
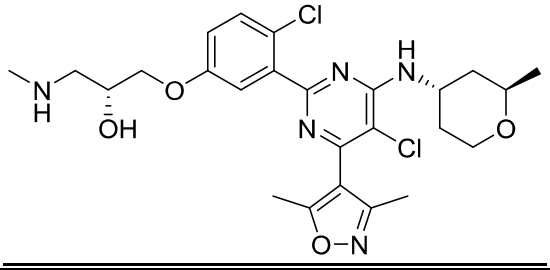
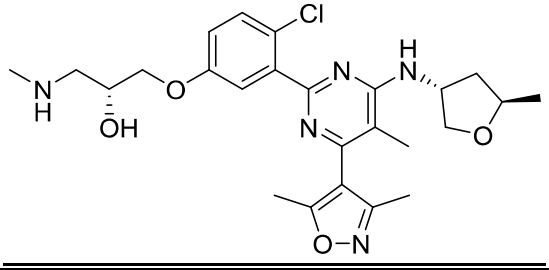
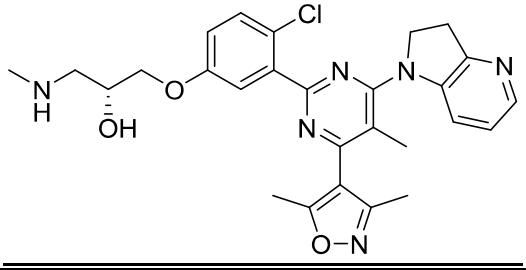
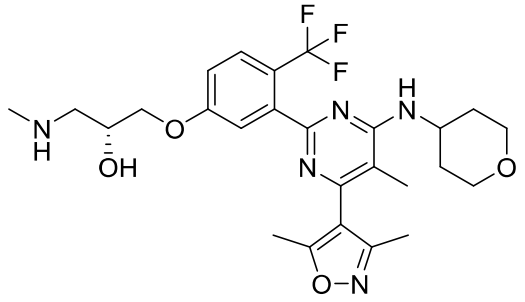
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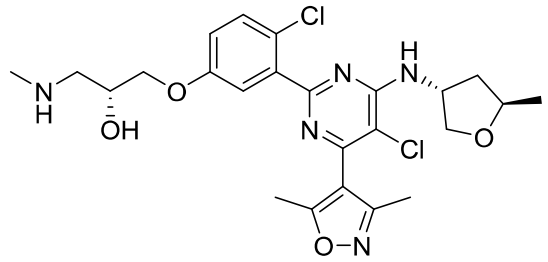
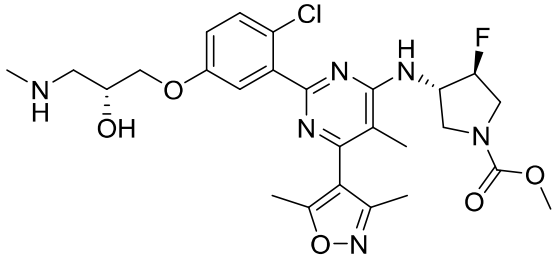
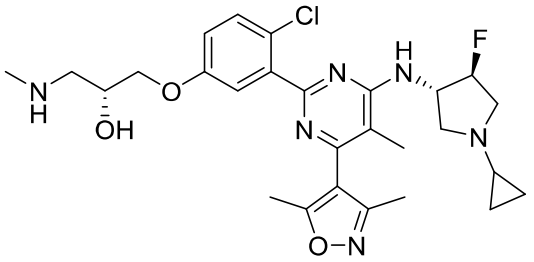
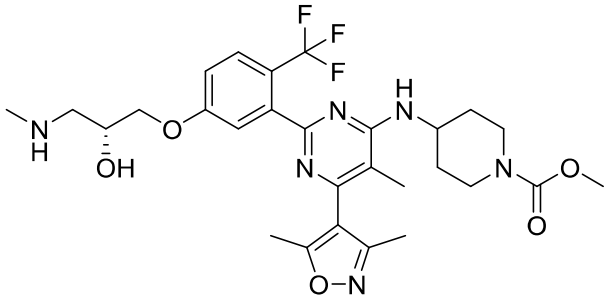
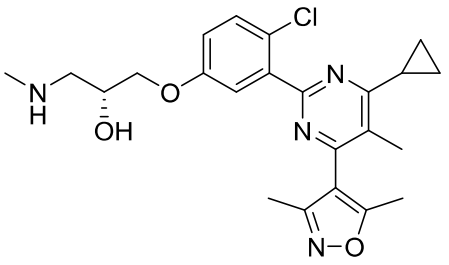
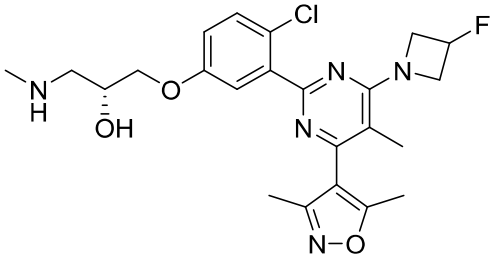
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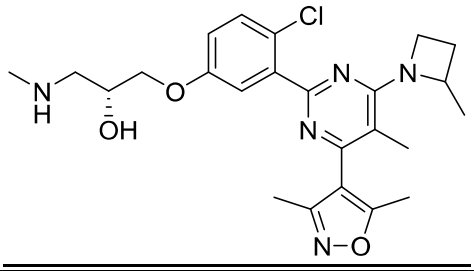
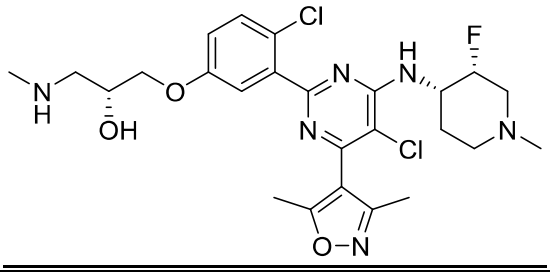
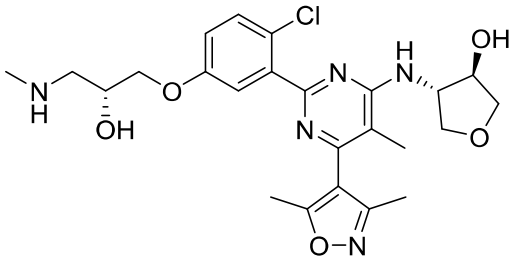
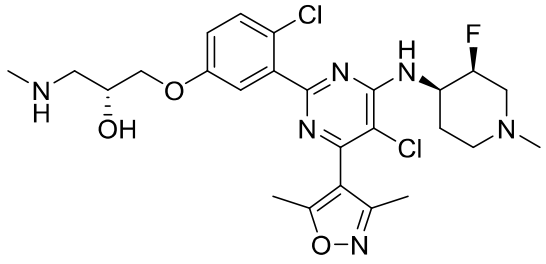
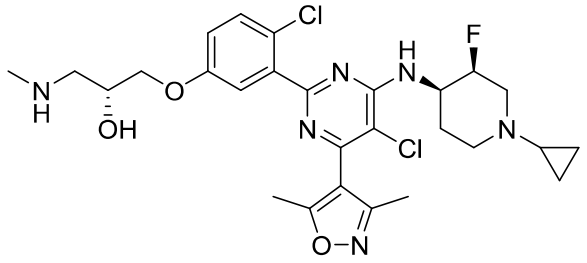
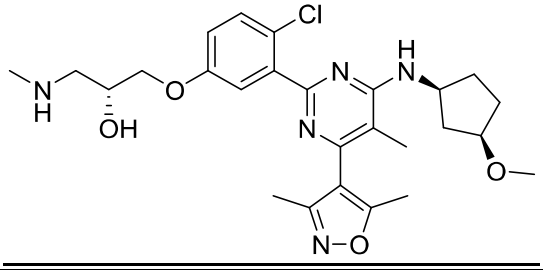
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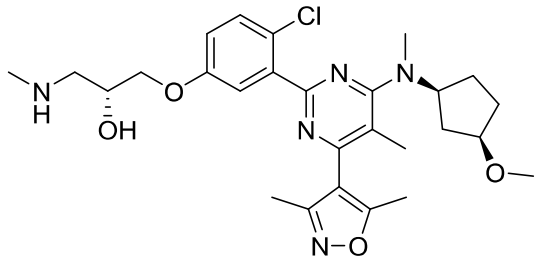
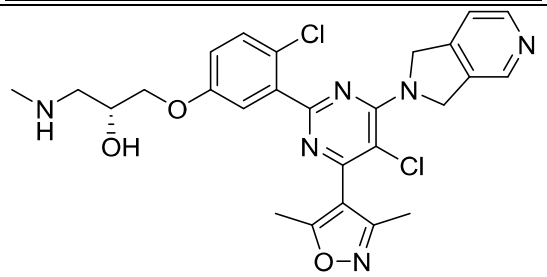
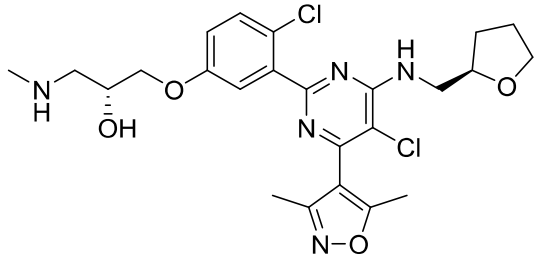
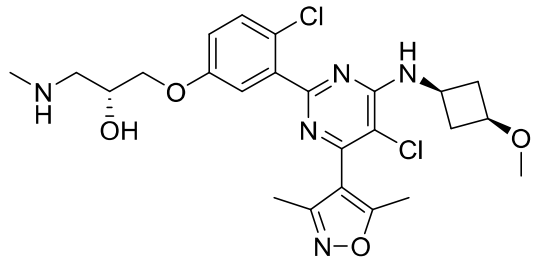
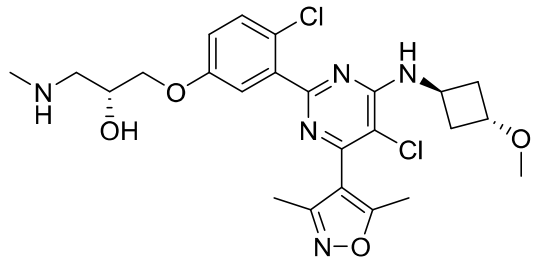
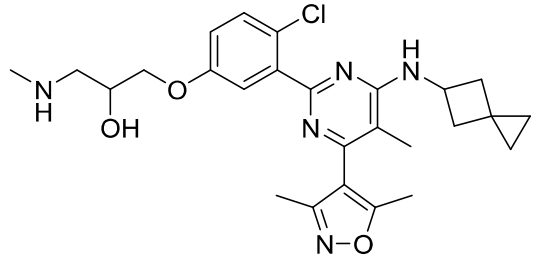
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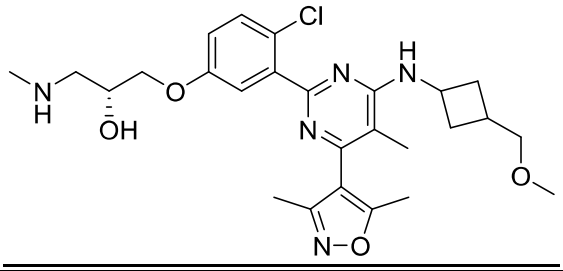
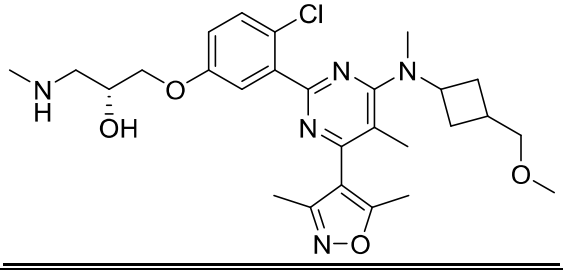
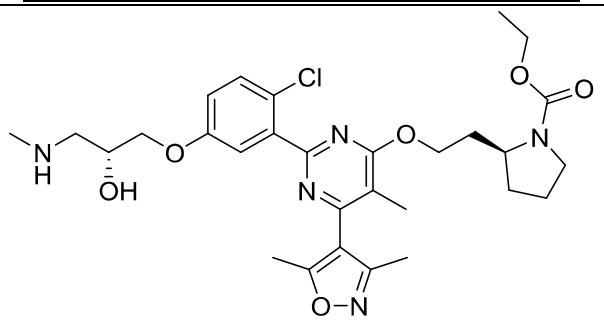
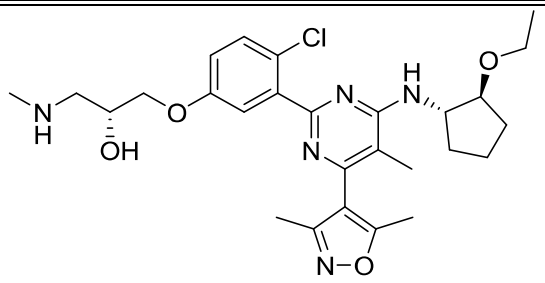
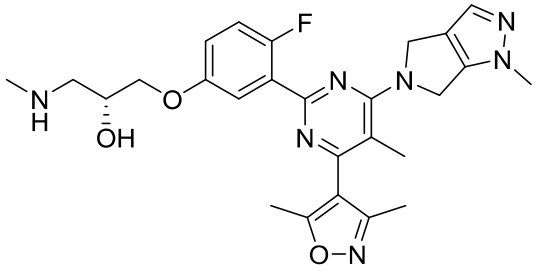
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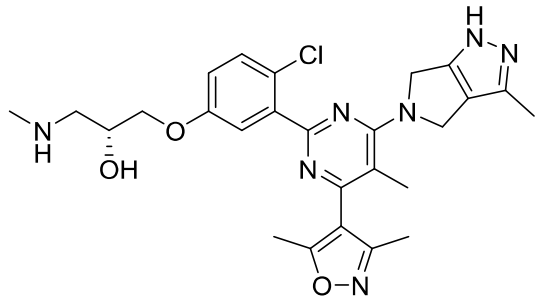
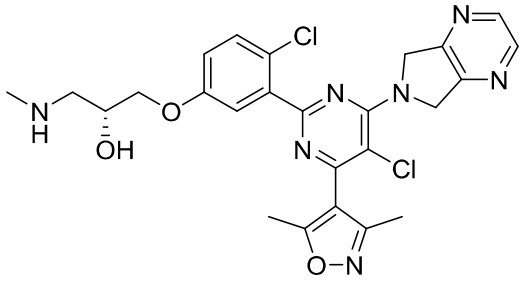
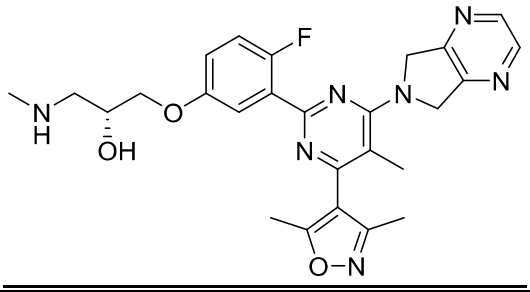
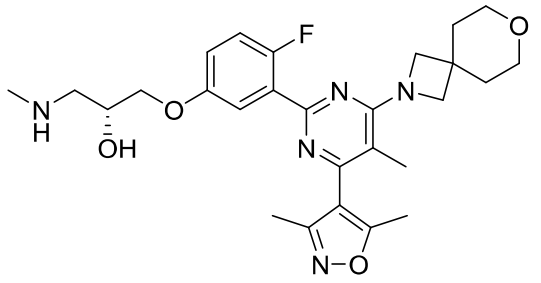
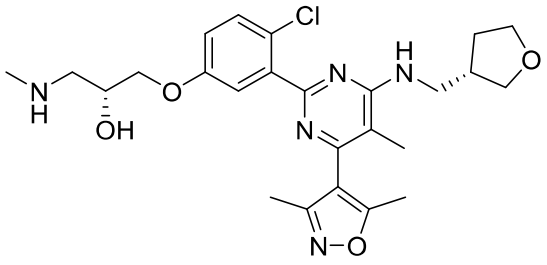
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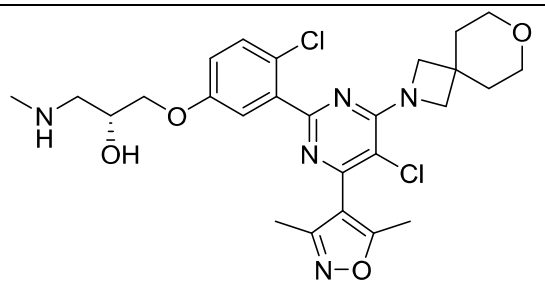
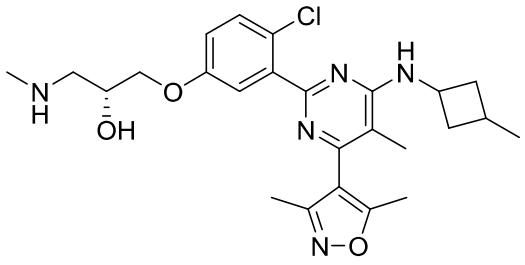
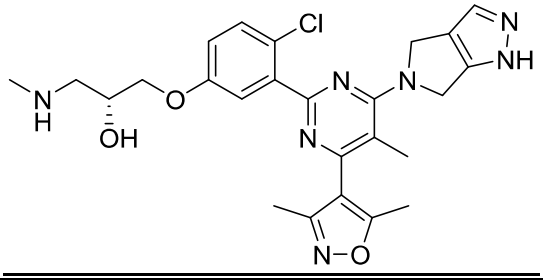
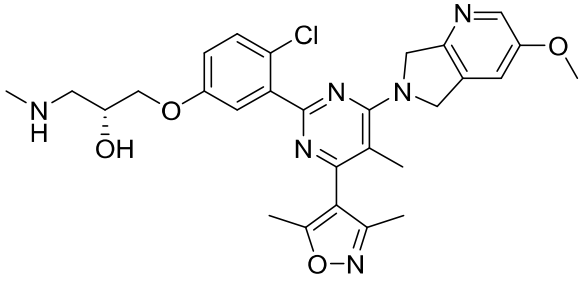
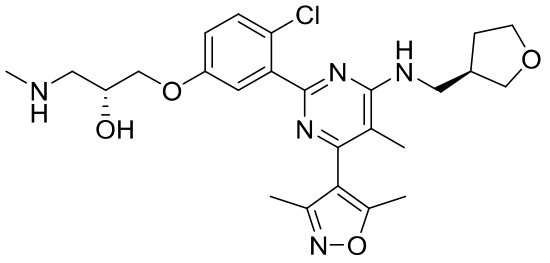
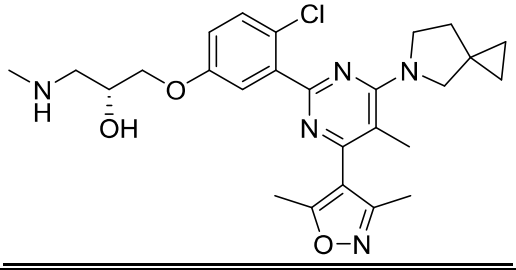
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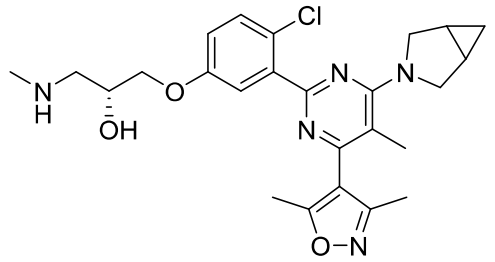
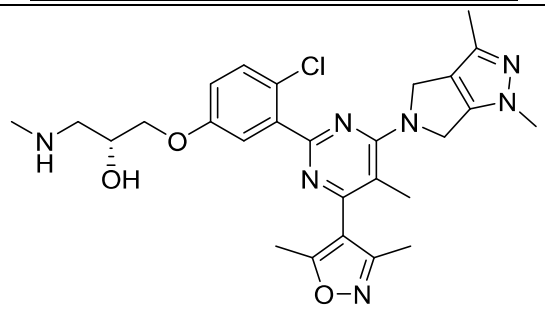
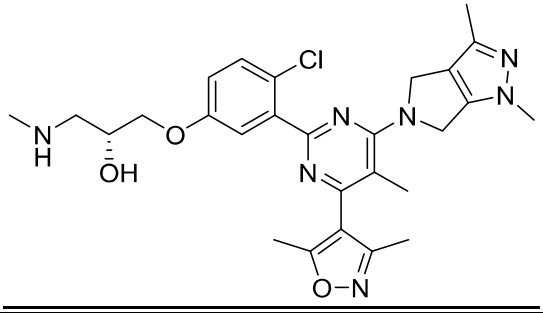
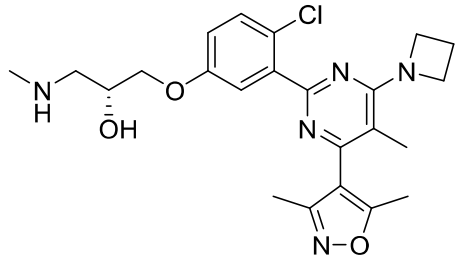
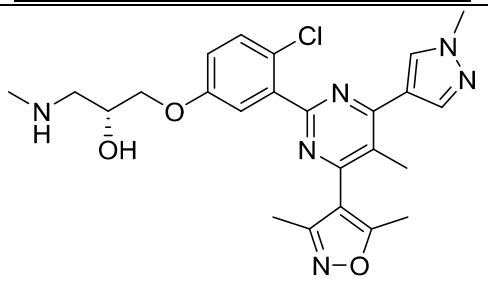
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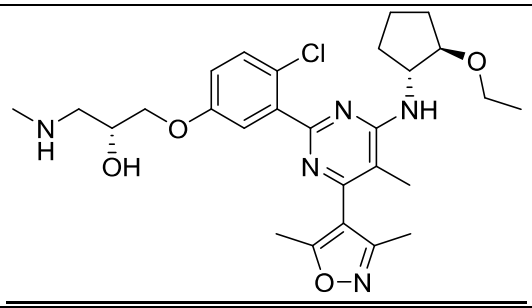
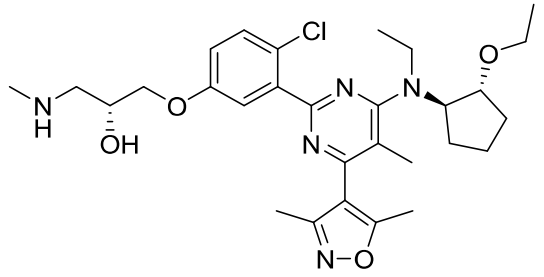
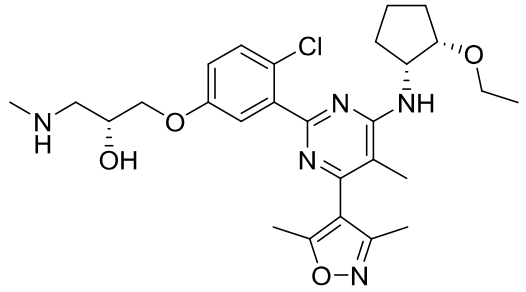
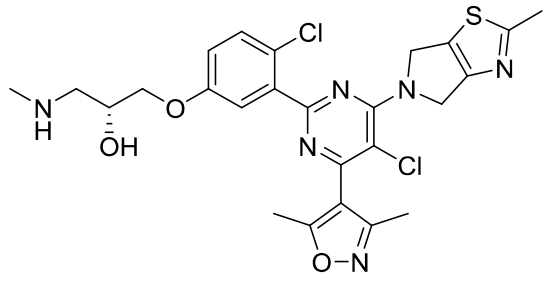
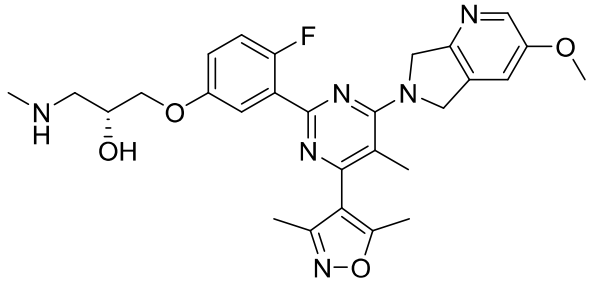
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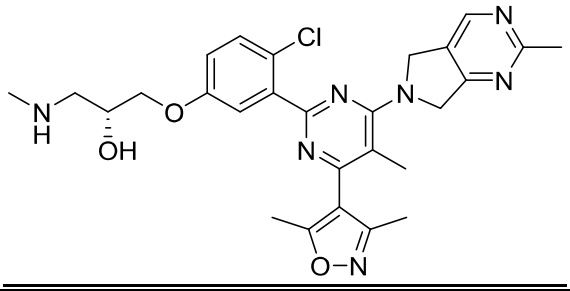
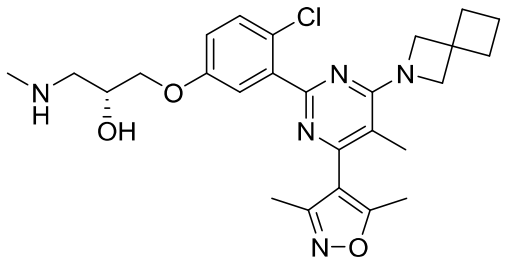
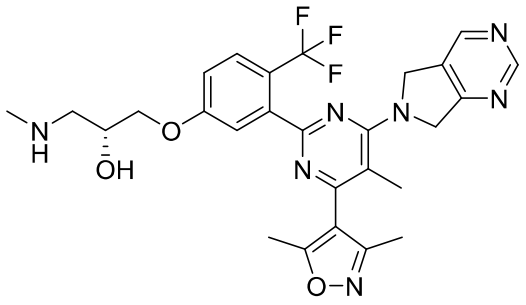
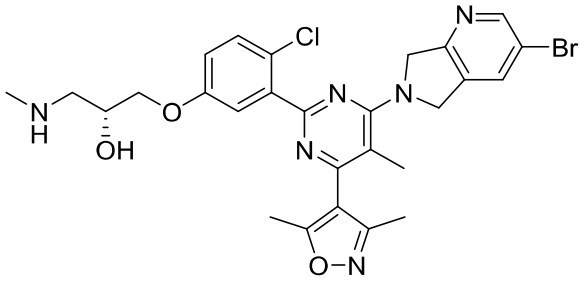
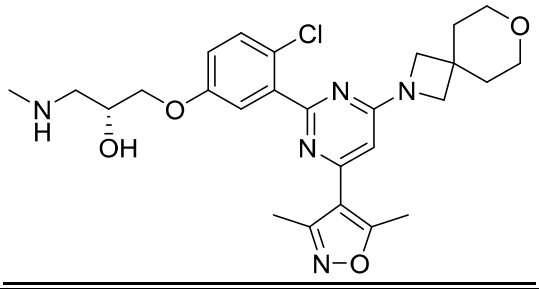
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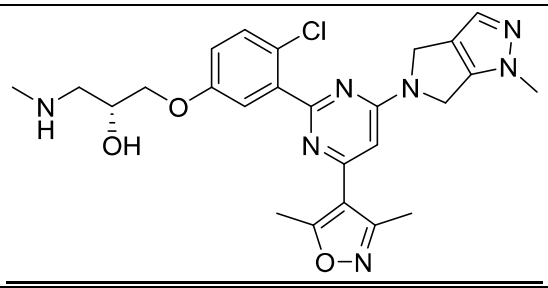
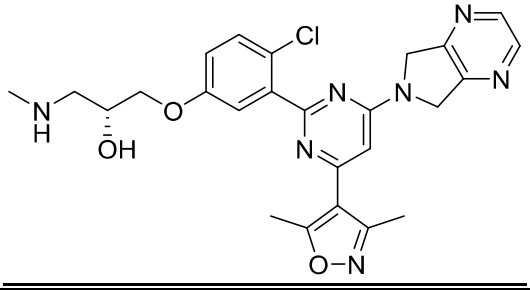
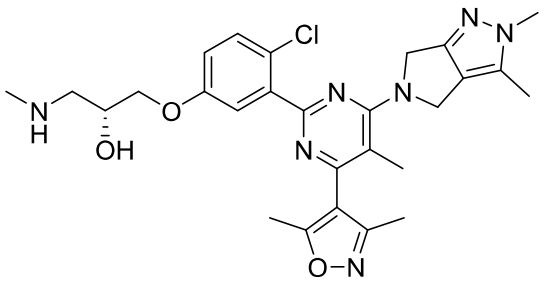
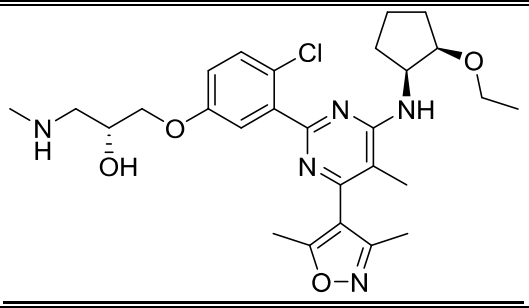
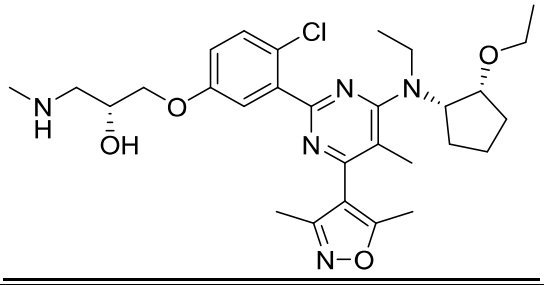
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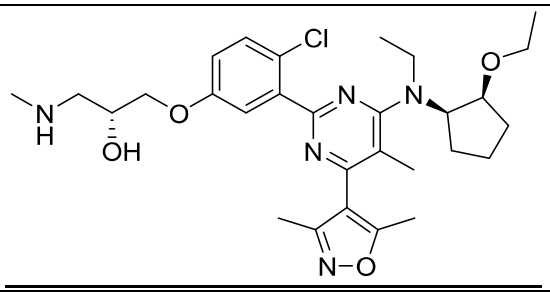
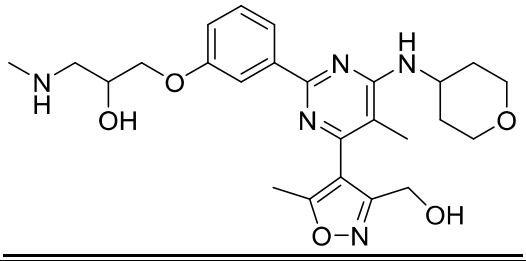
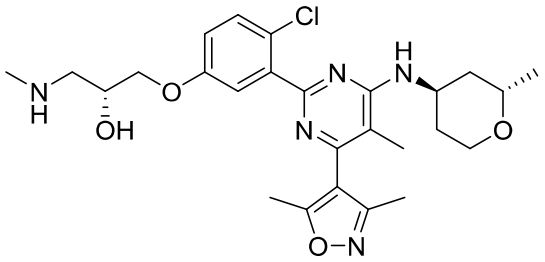
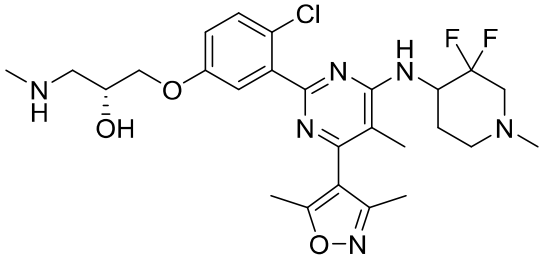
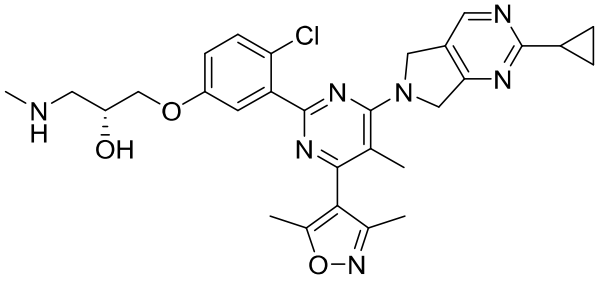
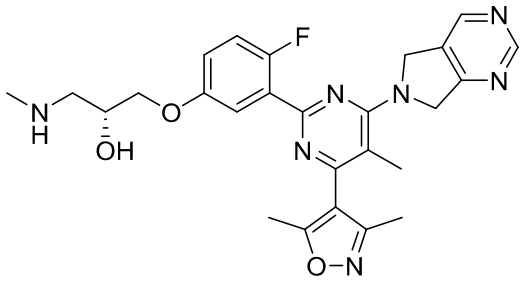
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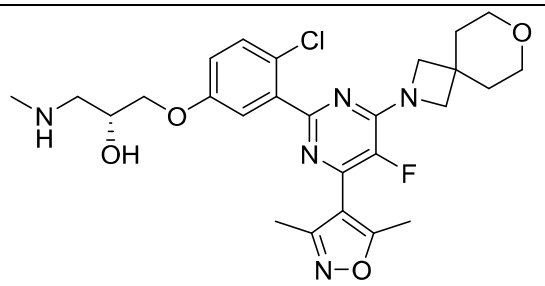
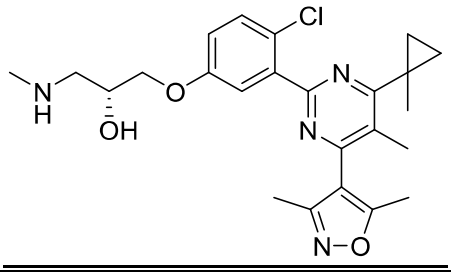
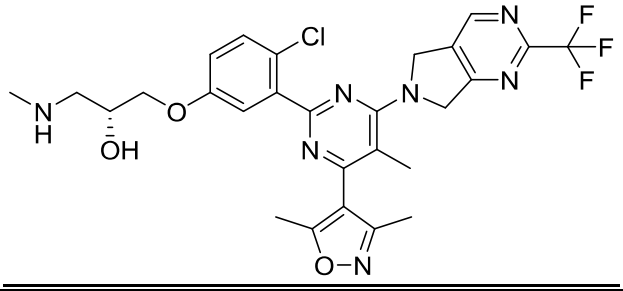
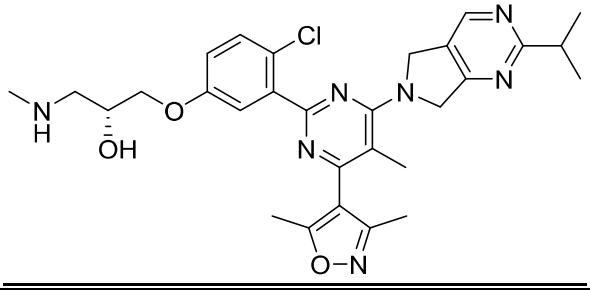
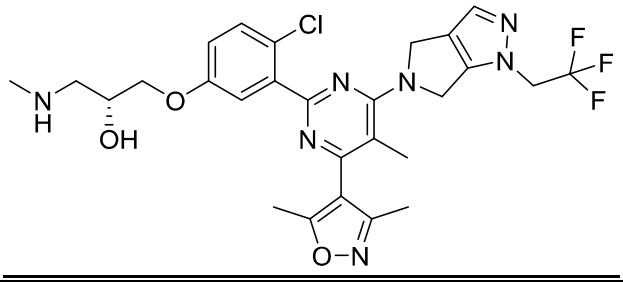
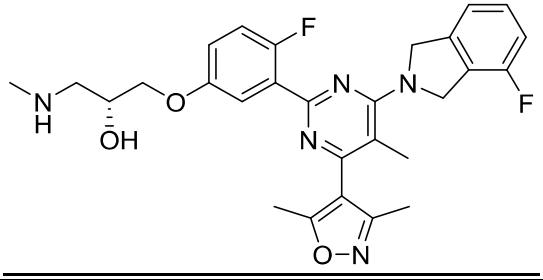
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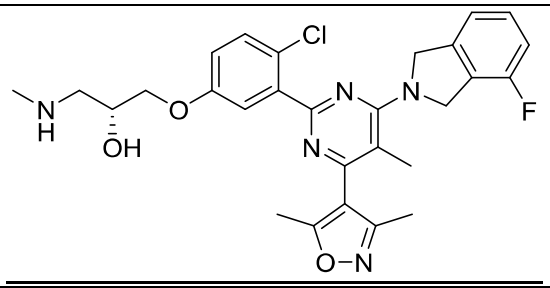
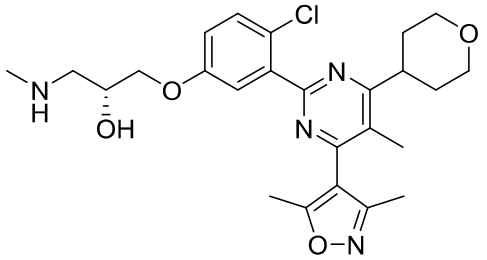
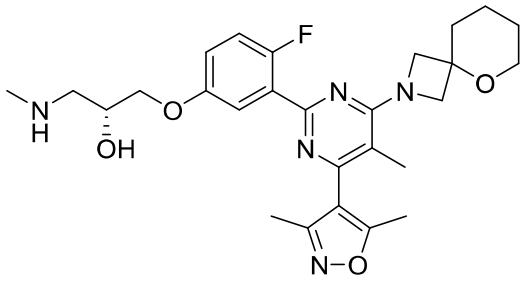
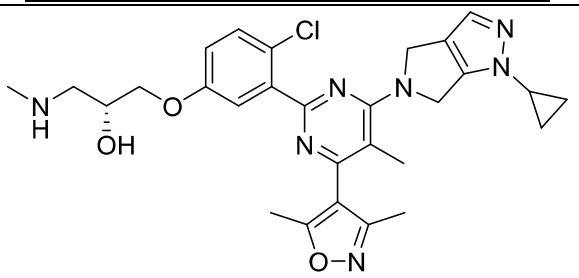
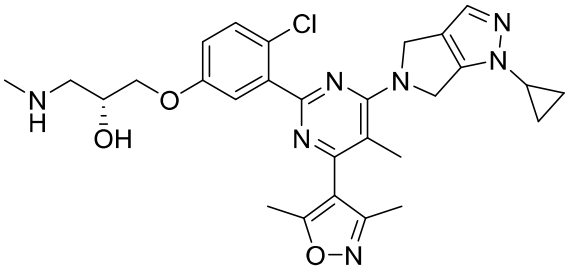
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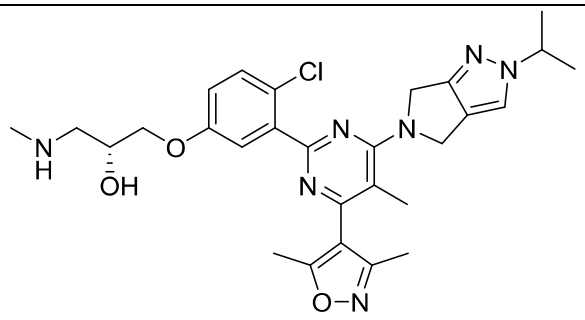
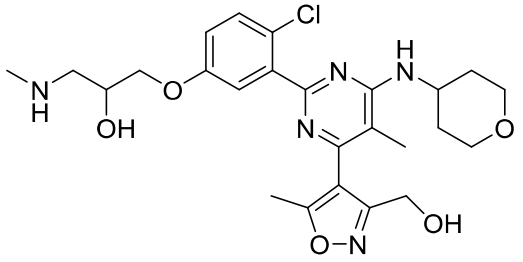
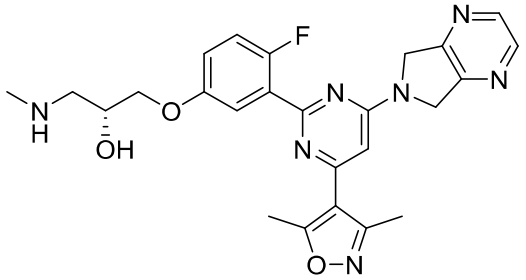
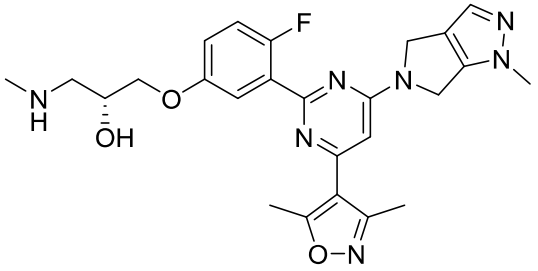
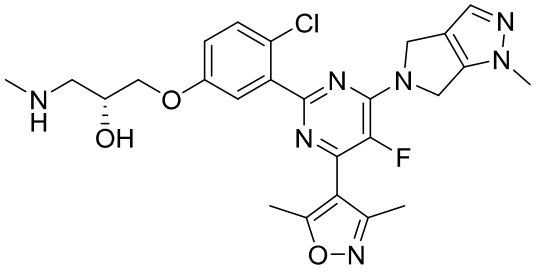
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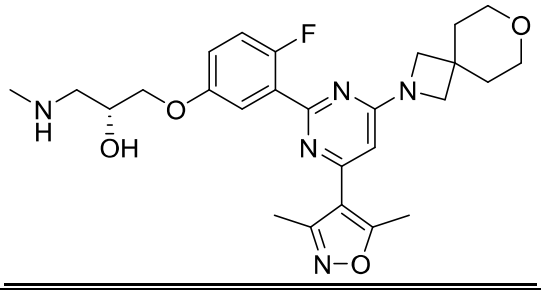
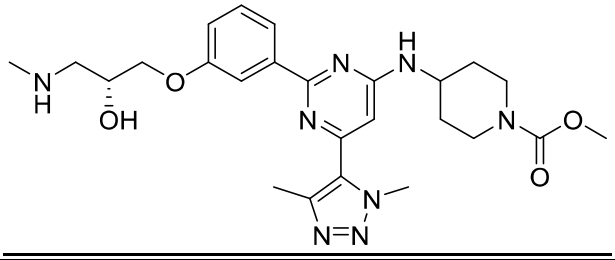
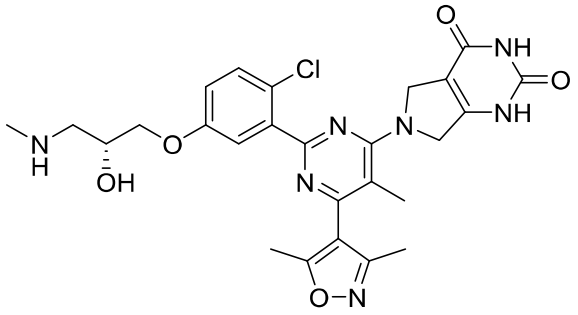
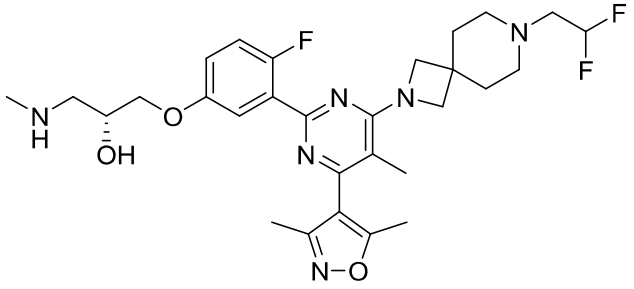
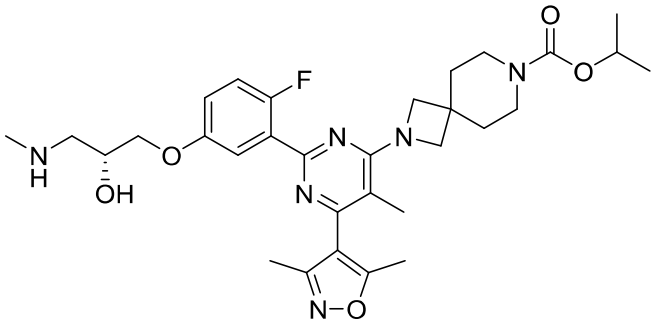
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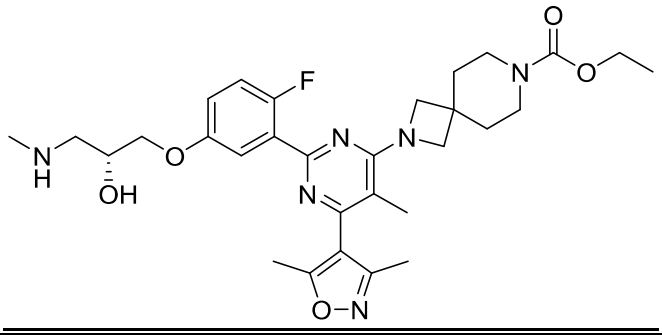
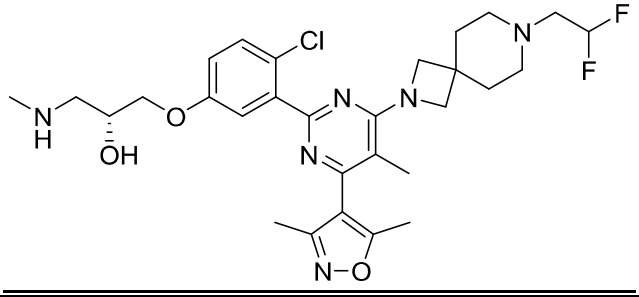
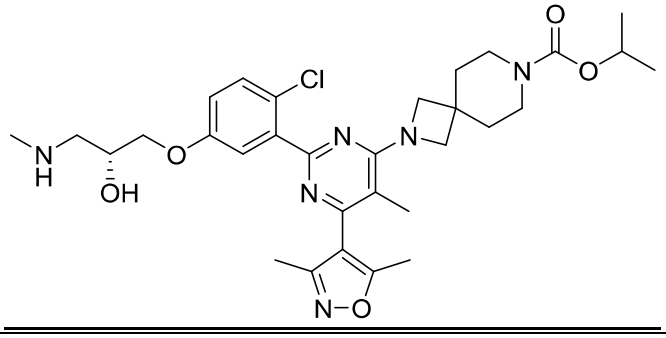
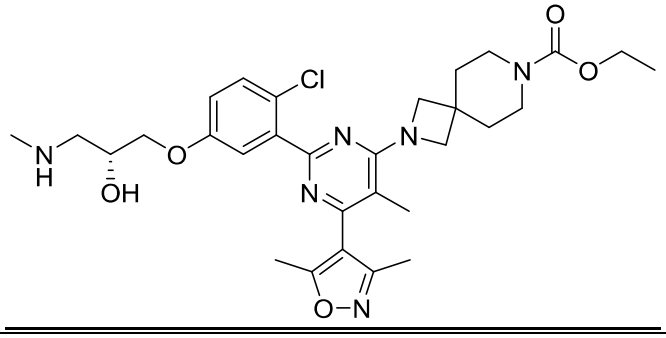
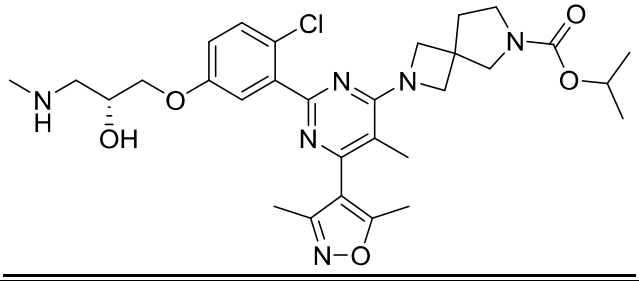
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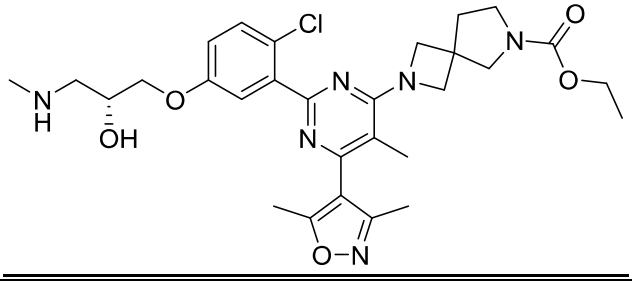
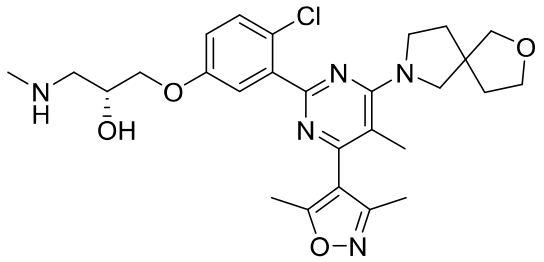
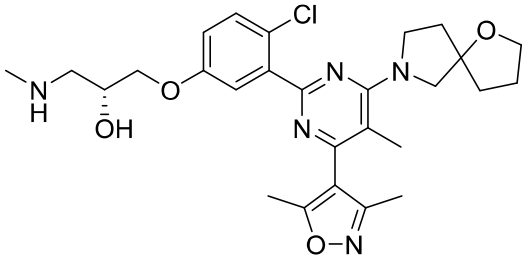
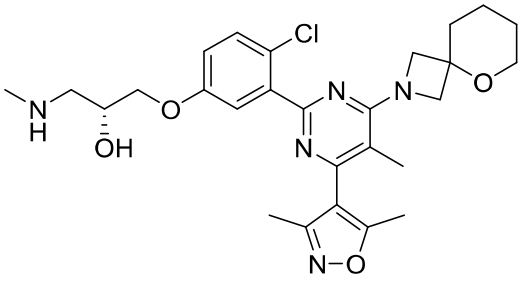
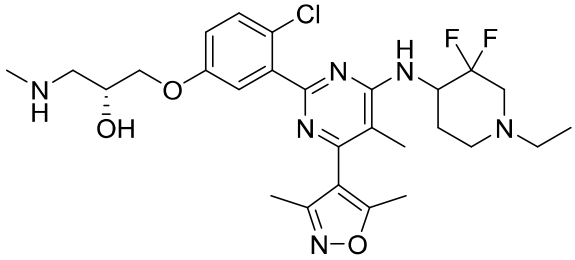
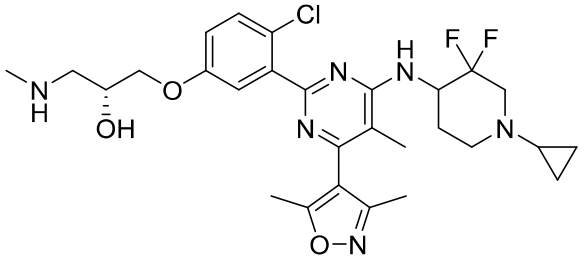
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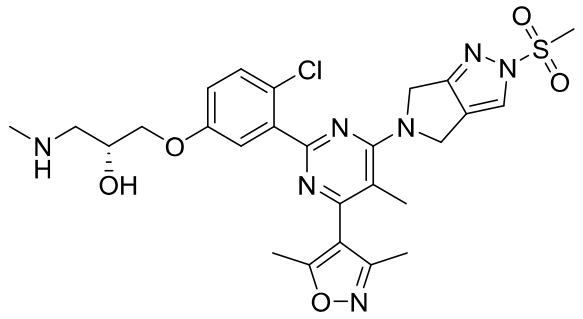
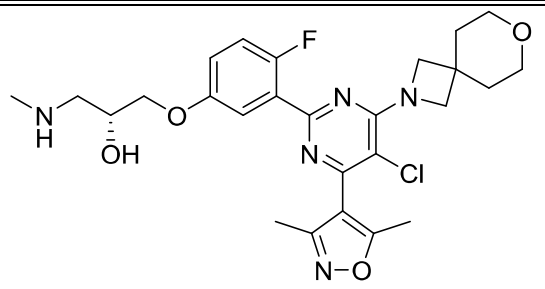
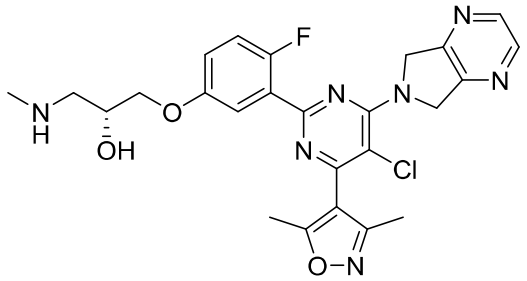
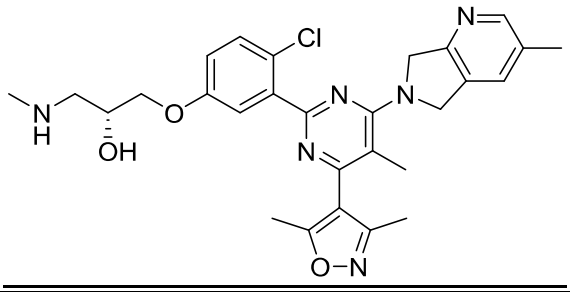
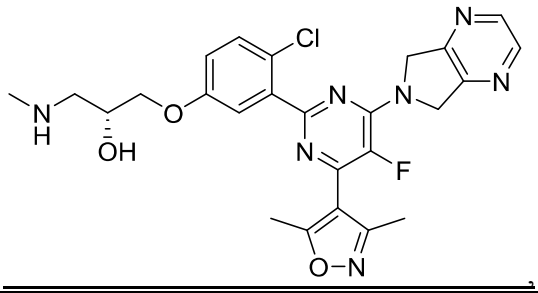
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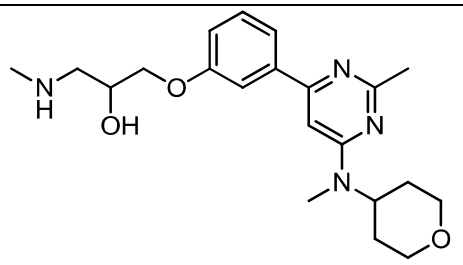
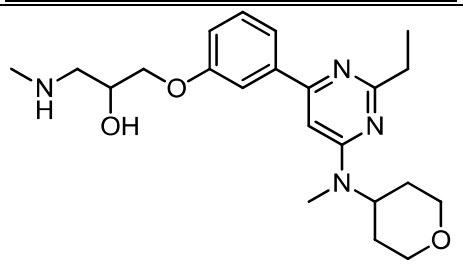
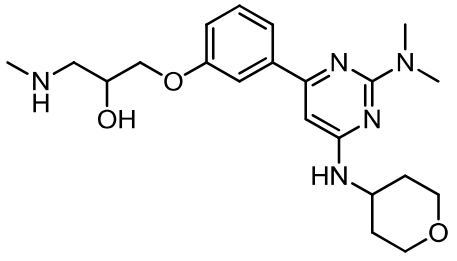
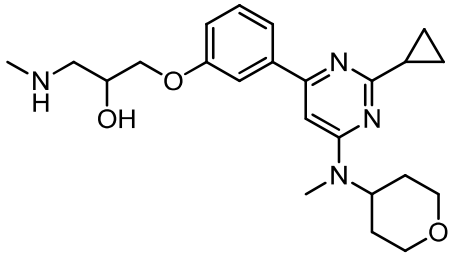
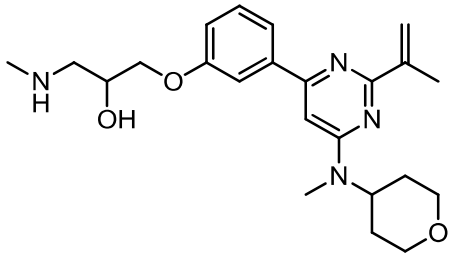
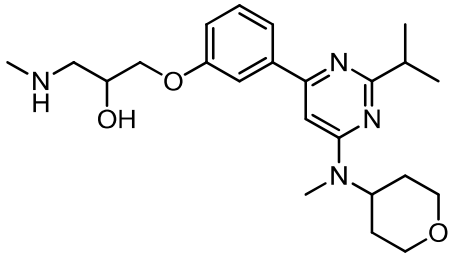
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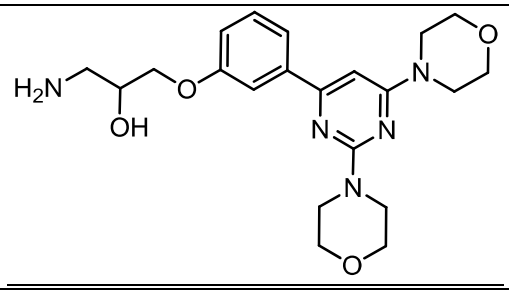
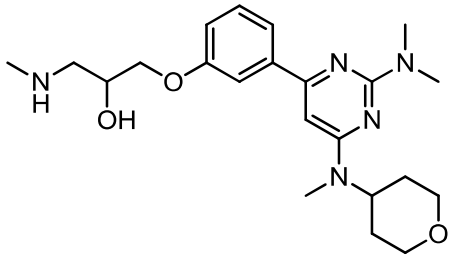
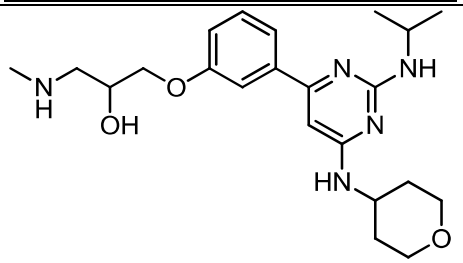
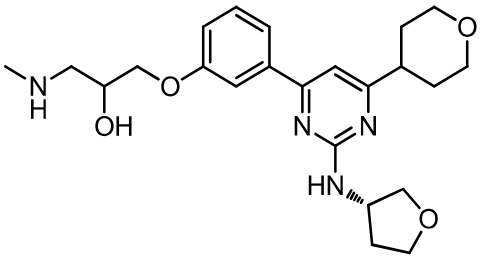
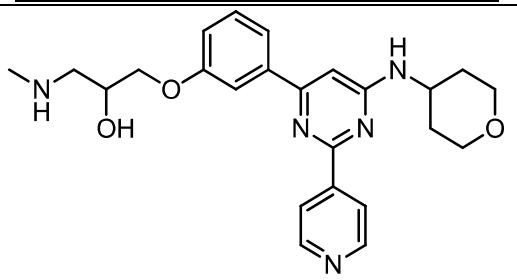
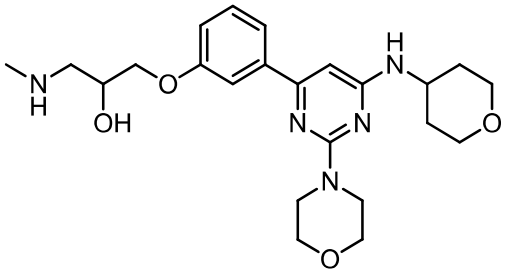
287-3	
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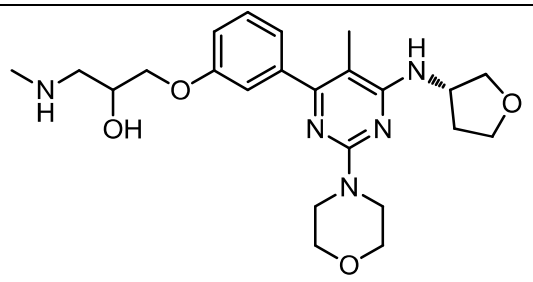
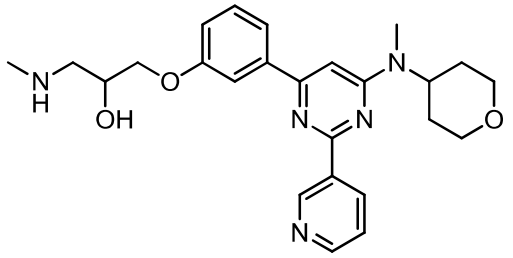
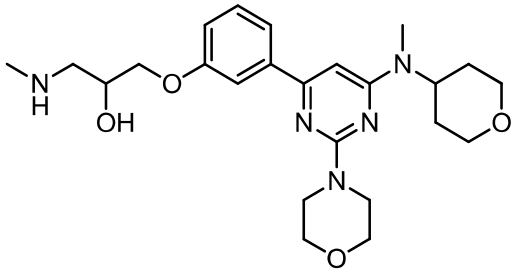
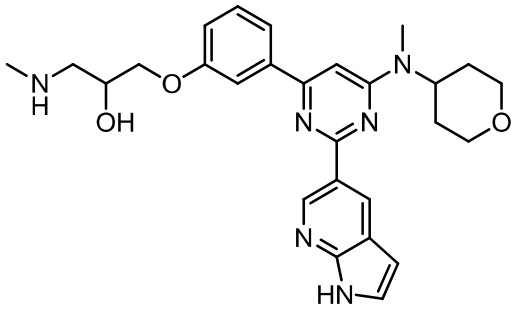
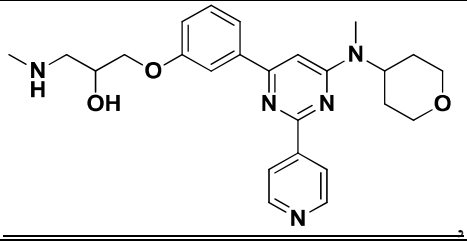
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and pharmaceutically acceptable salts thereof.

19. The compound of claim 1, wherein the compound is selected from the group consisting of:

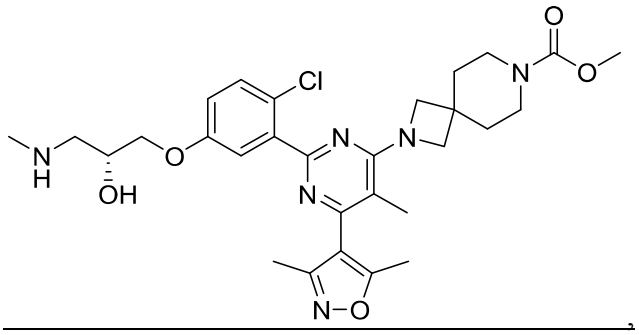
1-2	
2-2	
3-2	
4-2	
5-2	
6-2	

7-2	
8-2	
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10-2	
11-2	
12-2	

13-2	
14-2	
15-2	
16-2	
2-1	

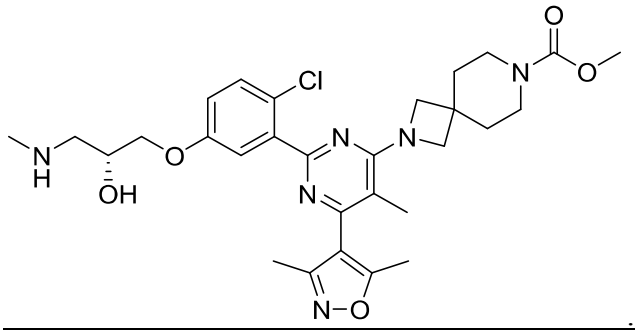
and pharmaceutically acceptable salts thereof.

20. A compound of formula:

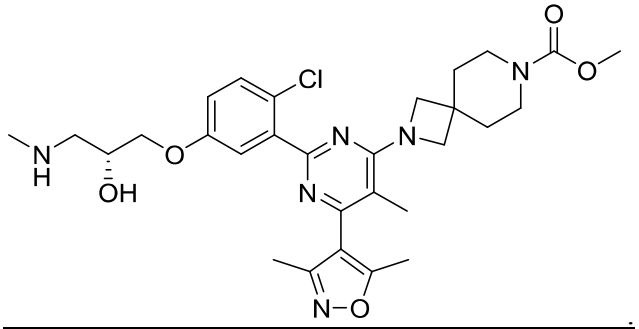


or a pharmaceutically acceptable salt thereof.

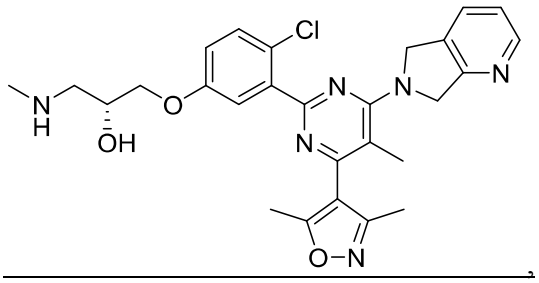
21. The compound of claim 20, wherein the compound is:



22. The compound of claim 20, wherein the compound is a pharmaceutically acceptable salt of:

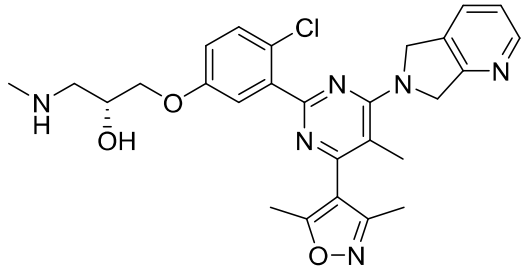


23. A compound of formula:



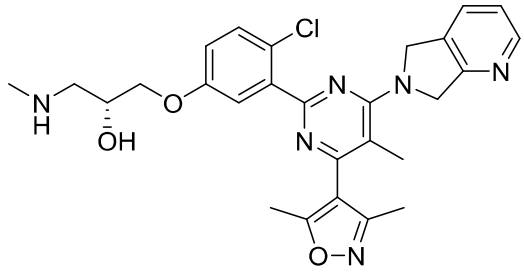
or a pharmaceutically acceptable salt thereof.

24. The compound of claim 23, wherein the compound is:



.

25. The compound of claim 23, wherein the compound is a pharmaceutically acceptable salt of:



.

26. A pharmaceutical composition comprising a compound of any one of claims 1–15, and a pharmaceutically acceptable excipient.

27. A pharmaceutical composition comprising a compound of claim 16, and a pharmaceutically acceptable excipient.

28. A pharmaceutical composition comprising a compound of claim 17, and a pharmaceutically acceptable excipient.

29. A pharmaceutical composition comprising a compound of claim 18, and a pharmaceutically acceptable excipient.

30. A pharmaceutical composition comprising a compound of claim 19, and a pharmaceutically acceptable excipient.

31. A pharmaceutical composition comprising a compound of claim 20, and a pharmaceutically acceptable excipient.

32. A pharmaceutical composition comprising a compound of claim 21, and a pharmaceutically acceptable excipient.

33. A pharmaceutical composition comprising a compound of claim 22, and a pharmaceutically acceptable excipient.

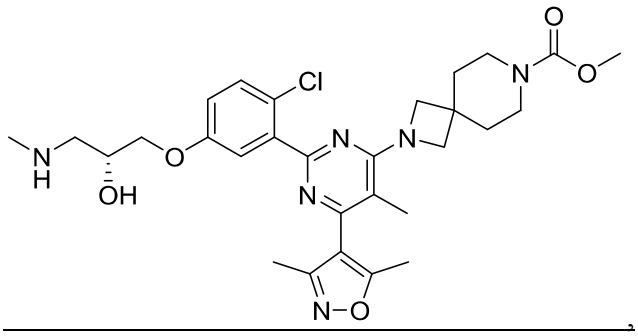
34. A pharmaceutical composition comprising a compound of claim 23, and a pharmaceutically acceptable excipient.

35. A pharmaceutical composition comprising a compound of claim 24, and a pharmaceutically acceptable excipient.

36. A pharmaceutical composition comprising a compound of claim 25, and a pharmaceutically acceptable excipient.

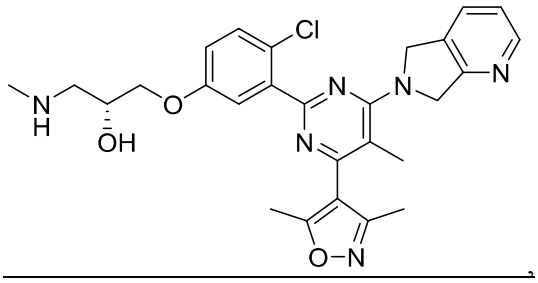
37. A kit or packaged pharmaceutical comprising a compound of any one of claims 1–25 or a pharmaceutically acceptable salt thereof, and instructions for use thereof.

38. The kit or packaged pharmaceutical of claim 37, wherein the compound is



or a pharmaceutically acceptable salt thereof.

39. The kit or packaged pharmaceutical of claim 37, wherein the compound is



or a pharmaceutically acceptable salt thereof.

40. Use of a compound of any one of claims 1–25 in the preparation of a medicament for use in treating a CARM1-mediated cancer selected from the group consisting of breast cancer, prostate cancer, colorectal cancer, leukemia, lymphoma, and multiple myeloma.

41. The use of claim 40, wherein the cancer is associated with E2F1 upregulation.

42. The use of claim 40 or 41, wherein the cancer is associated with aberrant CARM1 activity.

43. The use of any one of claims 40-42, wherein the cancer is breast cancer, prostate cancer, or colorectal cancer.

44. The use of any one of claims 40-42, wherein the cancer is ERα-dependent breast cancer.

45. The use of any one of claims 40-42, wherein the cancer is castration-resistant prostate cancer.

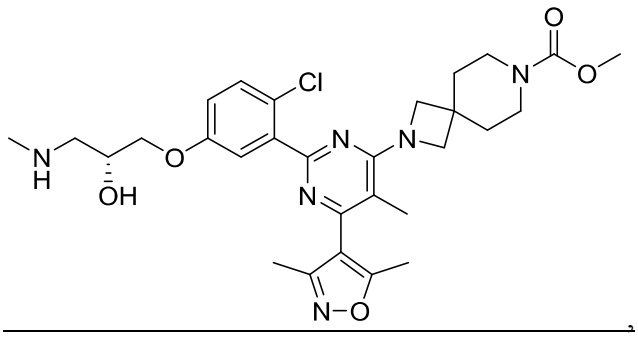
46. The use of any one of claims 40-42, wherein the cancer is colorectal cancer associated with dysregulated WNT/β-catenin signaling.

47. The use of claim 40, wherein the cancer is leukemia.

48. The use of claim 40, wherein the cancer is lymphoma.

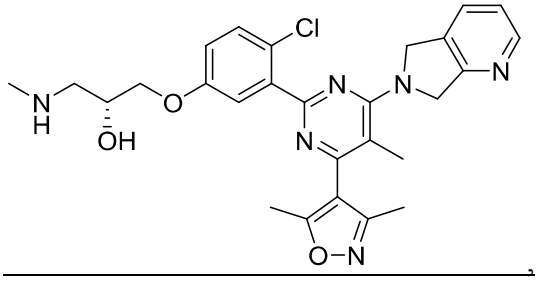
49. The use of claim 40, wherein the cancer is multiple myeloma.

50. The use of any one of claims 40-49, wherein the compound is



or a pharmaceutically acceptable salt thereof.

51. The use of any one of claims 40-49, wherein the compound is



or a pharmaceutically acceptable salt thereof.