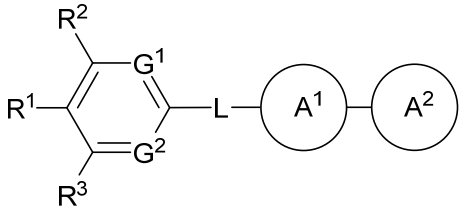
Claims

1. A compound of Formula (I):



(I),

or a tautomer thereof, or a pharmaceutically acceptable salt of any of the foregoing, wherein

R^1 is R^{1A} and R^2 is R^{2A}, or R^1 is R^{2A} and R^2 is R^{1A},

wherein R^{1A} is -OH, $-OPO_3H_2$, $-OCH_2OPO_3H_2$, $-OC(O)R^{1A1}$, $-OC(O)OR^{1A1}$, $-OC(O)NHR^{1A1}$, $-OC(O)NR^{1A1}R^{1A2}$, or $-OR^{1A3}$,

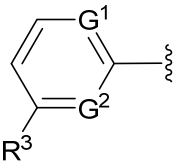
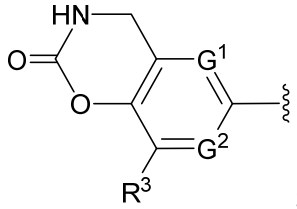
wherein R^{1A1} and R^{1A2} are each independently hydrogen, optionally substituted alkyl, optionally substituted alkenyl, optionally substituted alkynyl, optionally substituted cycloalkyl, optionally substituted cycloalkenyl, optionally substituted aryl, optionally substituted heterocyclyl, optionally substituted heteroaryl, or $-O_{0\text{-}1}(CH_2)_mO(CH_2)_nOH$, wherein m and n are each independently 1 or 2, and

R^{1A3} is optionally substituted heteroaryl;

R^{2A} is -CHO or $-CH=NR^{2A1}$,

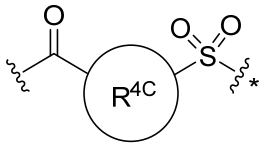
wherein R^{2A1} is optionally substituted heterocyclyl, optionally substituted alkyl, optionally substituted alkenyl, optionally substituted alkynyl, $-NR^{2A1A}C(O)R^{2A1B}$, $-NR^{2A1A}S(O)_2R^{2A1B}$, $-NR^{2A1A}R^{2A1B}$, $-OR^{2A1A}$, or $-NR^{2A1A}C(NR^{2A1B})NR^{2A1C}R^{2A1D}$, and

wherein R^{2A1A}, R^{2A1B}, R^{2A1C}, and R^{2A1D} are each independently hydrogen, optionally substituted alkyl, optionally substituted cycloalkyl, optionally substituted heteroaryl, optionally substituted aryl, or optionally substituted amino; or

R^{1A} and R^{2A} taken together with  to which they are attached form optionally substituted ;

R^3 is halo, hydrogen, optionally substituted alkyl, or optionally substituted alkoxy;

G^1 and G^2 are each independently CH or N;

L is a bond, -C(O)NH-*, -NHC(O)-*, -C(R^{4A})(R^{4B})NHC(O)-*, -C(O)-, -$S(O)_2$-, -$S(O)_2$NH-*, , -C(O)N(R^{4D})(CH_2)$_{2-3}$-*, -C(O)N(CH_3)-*, -(CH_2)OC(O)NH-*, -C(O)NHNH-*, -C(O)NHNHC(O)-*, -CH(R^{4E})NHC(O)O-*, or -C(O)NHO-*,

wherein R^{4A}, R^{4B}, R^{4D}, and R^{4E} are each independently hydrogen or optionally substituted alkyl,

R^{4C} is optionally substituted aryl, optionally substituted cycloalkyl, optionally substituted cycloalkenyl, optionally substituted heteroaryl, or optionally substituted heterocyclyl, and

* represents the point of attachment to A^1; and

A^1 and A^2 are each independently optionally substituted aryl, optionally substituted cycloalkyl, optionally substituted cycloalkenyl, optionally substituted heteroaryl, or optionally substituted heterocyclyl;

provided that

when R^1 is -OH, R^3 is fluoro, L is a bond, and A^1 is optionally substituted 5-membered heteroaryl, then A^2 is not optionally substituted phenyl, optionally substituted pyridinyl, optionally substituted pyrazinyl, or 2,3-dihydrobenzo[b][1,4]dioxin-6-yl;

when R^1 is -CHO, R^2 is -OH, R^3 is hydrogen, and L is -C(O), then A^1 is not optionally substituted indolinyl;

when L is -C(O)NH-*, then A^1 is not optionally substituted phenyl, optionally substituted pyridinyl, or pyrimidinyl;

when R^3 is hydrogen, C_{1-4} alkyl, -CHO, or methoxy, then L is not a bond; and

the compound of Formula (I) is not 3-fluoro-5-formyl-4-hydroxy-N-(4-(pyrrolidin-1-yl)phenyl)benzenesulfonamide, 5-(4-(5-fluoropyridin-2-yl)piperazine-1-carbonyl)-2-hydroxy-3-methylbenzaldehyde, 5-(3-($1\lambda^4$,$2\lambda^2$,4-triazol-1-yl)azetidine-1-carbonyl)-2-hydroxy-3-methylbenzaldehyde, tert-butyl (3-(1-(3-formyl-4-hydroxybenzoyl)piperidin-4-yl)benzyl)carbamate, 5-(4-cyclopropyl-3-oxopiperazine-1-carbonyl)-2-hydroxy-3-methylbenzaldehyde, 2-(5-((((4-formyl-3-hydroxybenzyl)oxy)carbonyl)amino)benzo[d]thiazol-2-yl)-4,5-dihydrothiazole-4-carboxylic acid, 4-formyl-3-hydroxybenzyl (6-(benzo[d]oxazol-2-yl)naphthalen-2-yl)carbamate, 5-[2-(3,4-diethoxyphenyl)-4-thiazolyl]-3-formyl-2-hydroxy-benzoic acid methyl ester, or a salt of any of the foregoing.

2. The compound of claim 1, or a tautomer thereof, or a pharmaceutically acceptable salt of any of the foregoing, wherein R^1 is -OH.

3. The compound of claim 1 or 2, or a tautomer thereof, or a pharmaceutically acceptable salt of any of the foregoing, wherein R^2 is -CHO.

4. The compound of any one of claims 1-3, or a tautomer thereof, or a pharmaceutically acceptable salt of any of the foregoing, wherein R^3 is halo.

5. The compound of any one of claims 1-3, or a tautomer thereof, or a pharmaceutically acceptable salt of any of the foregoing, wherein R^3 is fluoro.

6. The compound of any one of claims 1-3, or a tautomer thereof, or a pharmaceutically acceptable salt of any of the foregoing, wherein R^3 is hydrogen.

7. The compound of any one of claims 1-3, or a tautomer thereof, or a pharmaceutically acceptable salt of any of the foregoing, wherein R^3 is methyl.

8. The compound of any one of claims 1-3, or a tautomer thereof, or a pharmaceutically acceptable salt of any of the foregoing, wherein R^3 is methoxy.

9. The compound of any one of claims 1-8, or a tautomer thereof, or a pharmaceutically acceptable salt of any of the foregoing, wherein G^1 and G^2 are both CH.

10. The compound of any one of claims 1-8, or a tautomer thereof, or a pharmaceutically acceptable salt of any of the foregoing, wherein G^1 is CH and G^2 is N.

11. The compound of any one of claims 1-10, or a tautomer thereof, or a pharmaceutically acceptable salt of any of the foregoing, wherein L is a bond.

12. The compound of any one of claims 1-10, or a tautomer thereof, or a pharmaceutically acceptable salt of any of the foregoing, wherein L is -C(O)NH-*.

13. The compound of any one of claims 1-10, or a tautomer thereof, or a pharmaceutically acceptable salt of any of the foregoing, wherein L is -NHC(O)-*.

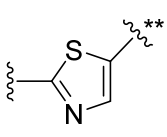
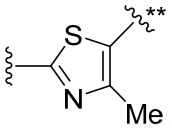
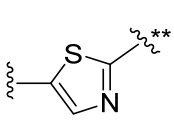
14. The compound of any one of claims 1-10, or a tautomer thereof, or a pharmaceutically acceptable salt of any of the foregoing, wherein L is -C(O)-.

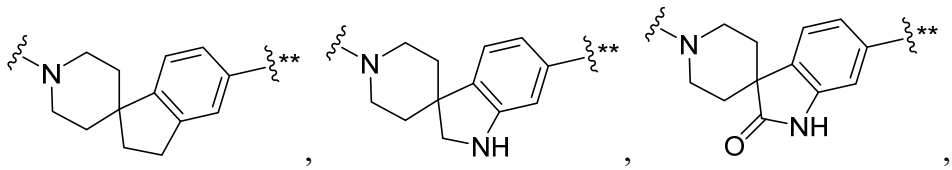
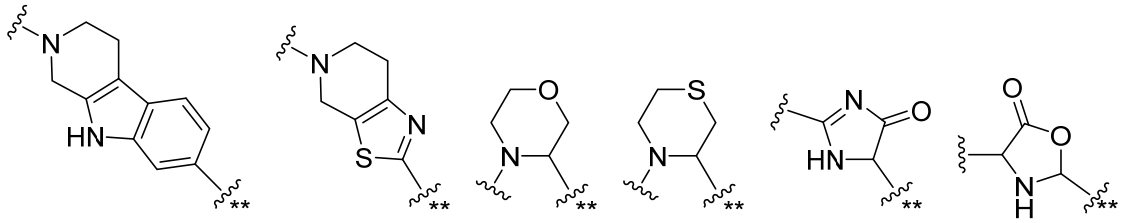
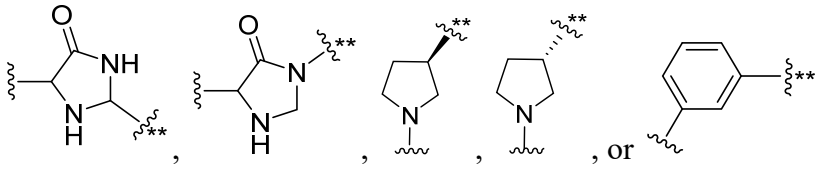
15. The compound of any one of claims 1-14, or a tautomer thereof, or a pharmaceutically acceptable salt of any of the foregoing, wherein A^1 is optionally substituted aryl.

16. The compound of any one of claims 1-14, or a tautomer thereof, or a pharmaceutically acceptable salt of any of the foregoing, wherein A^1 is optionally substituted cycloalkyl.

17. The compound of any one of claims 1-14, or a tautomer thereof, or a pharmaceutically acceptable salt of any of the foregoing, wherein A^1 is optionally substituted heteroaryl.

18. The compound of any one of claims 1-14, or a tautomer thereof, or a pharmaceutically acceptable salt of any of the foregoing, wherein A^1 is optionally substituted heterocyclyl.

19. The compound of any one of claims 1-14, or a tautomer thereof, or a pharmaceutically acceptable salt of any of the foregoing, wherein A^1 is , , ,




, or , wherein ** represents the point of attachment to A^2.

20. The compound of any one of claims 1-14, or a tautomer thereof, or a pharmaceutically acceptable salt of any of the foregoing, wherein A^1 is thiadiazolyl, thiazolyl, oxazolyl, pyrazolyl, phenyl, pyridinyl, pyridazinyl, azetidinyl, pyrrolidinyl, piperidinyl, or piperazinyl, each of which is optionally substituted.

21. The compound of any one of claims 1-14, or a tautomer thereof, or a pharmaceutically acceptable salt of any of the foregoing, wherein A^1 is optionally substituted thiazolyl.

22. The compound of any one of claims 1-14, or a tautomer thereof, or a pharmaceutically acceptable salt of any of the foregoing, wherein A^1 is optionally substituted thiadiazolyl.

23. The compound of any one of claims 1-14, or a tautomer thereof, or a pharmaceutically acceptable salt of any of the foregoing, wherein A^1 is optionally substituted pyrazolyl.

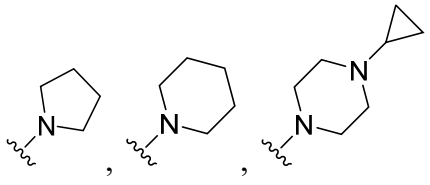
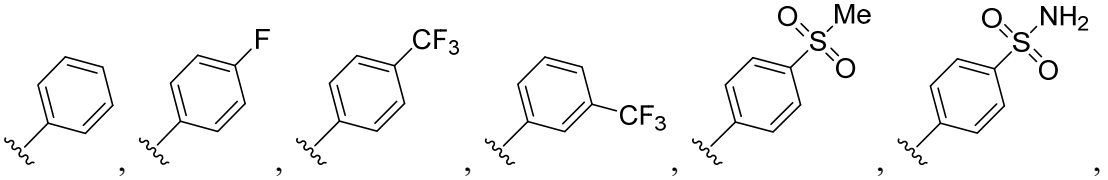
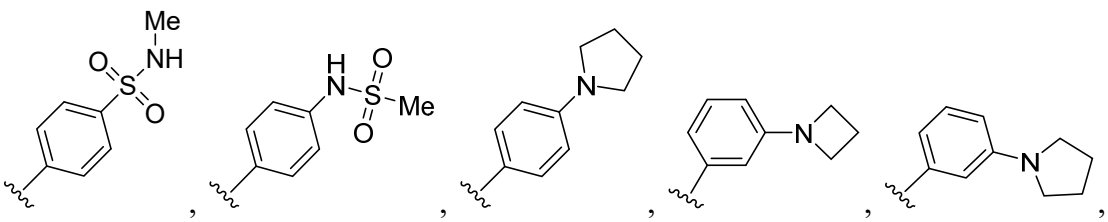
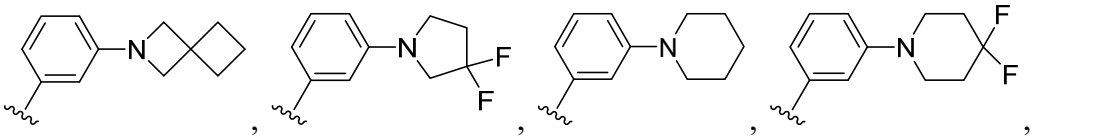
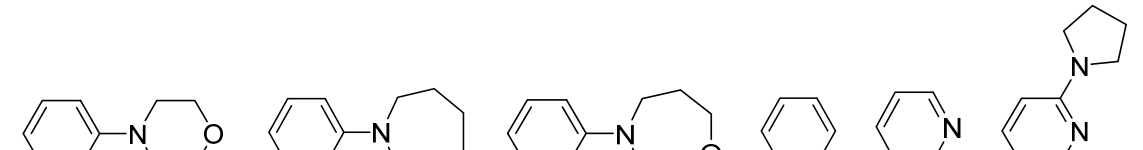
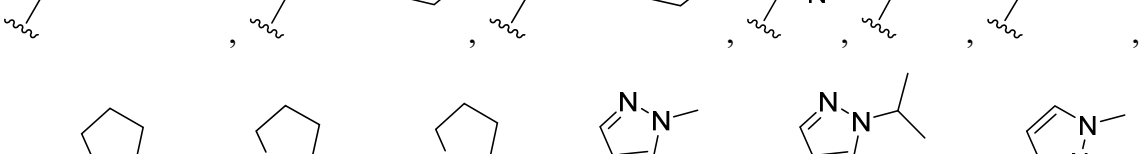
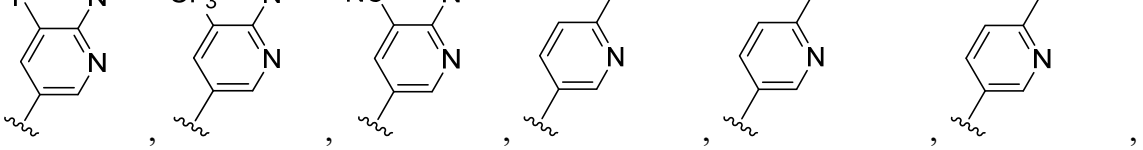
24. The compound of any one of claims 1-14, or a tautomer thereof, or a pharmaceutically acceptable salt of any of the foregoing, wherein A^1 is optionally substituted piperidinyl.

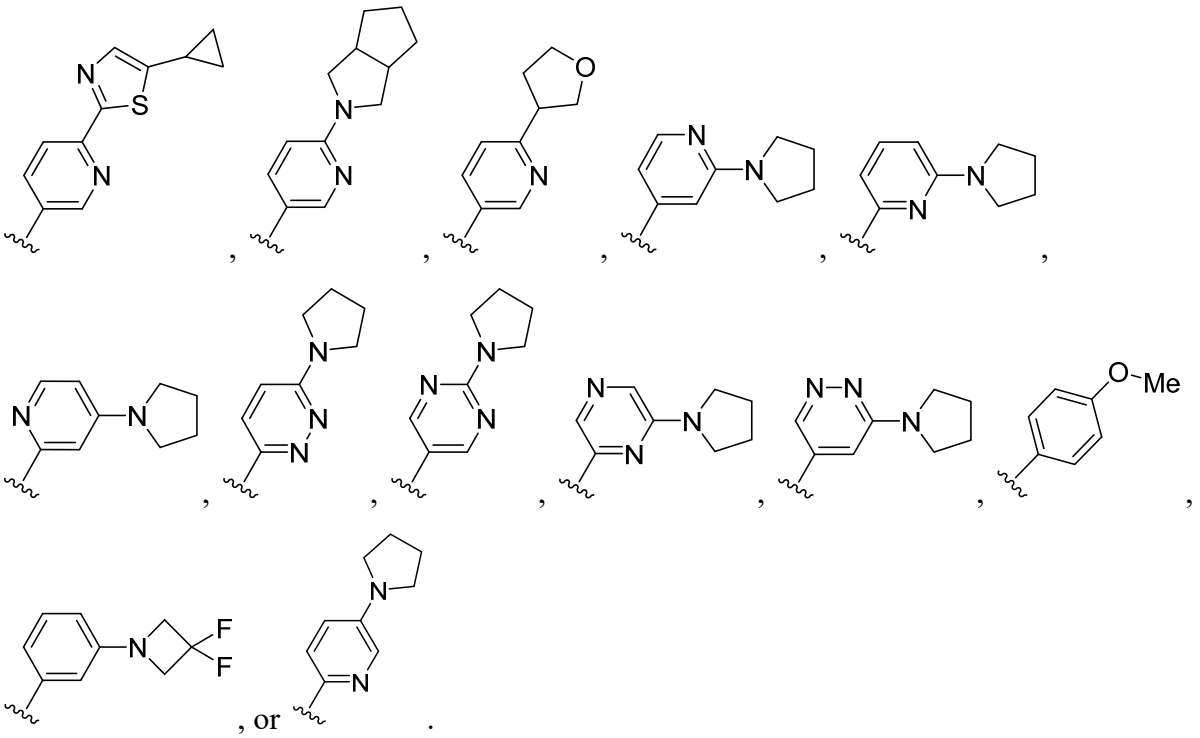
25. The compound of any one of claims 1-24, or a tautomer thereof, or a pharmaceutically acceptable salt of any of the foregoing, wherein A^2 is optionally substituted aryl.

26. The compound of any one of claims 1-24, or a tautomer thereof, or a pharmaceutically acceptable salt of any of the foregoing, wherein A^2 is optionally substituted cycloalkyl.

27. The compound of any one of claims 1-24, or a tautomer thereof, or a pharmaceutically acceptable salt of any of the foregoing, wherein A^2 is optionally substituted heteroaryl.

28. The compound of any one of claims 1-24, or a tautomer thereof, or a pharmaceutically acceptable salt of any of the foregoing, wherein A^2 is optionally substituted heterocyclyl.

29. The compound of any one of claims 1-24, or a tautomer thereof, or a pharmaceutically acceptable salt of any of the foregoing, wherein A^2 is , , , , , , , , .

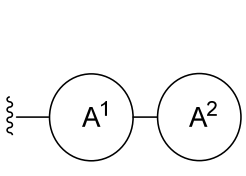
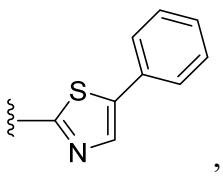


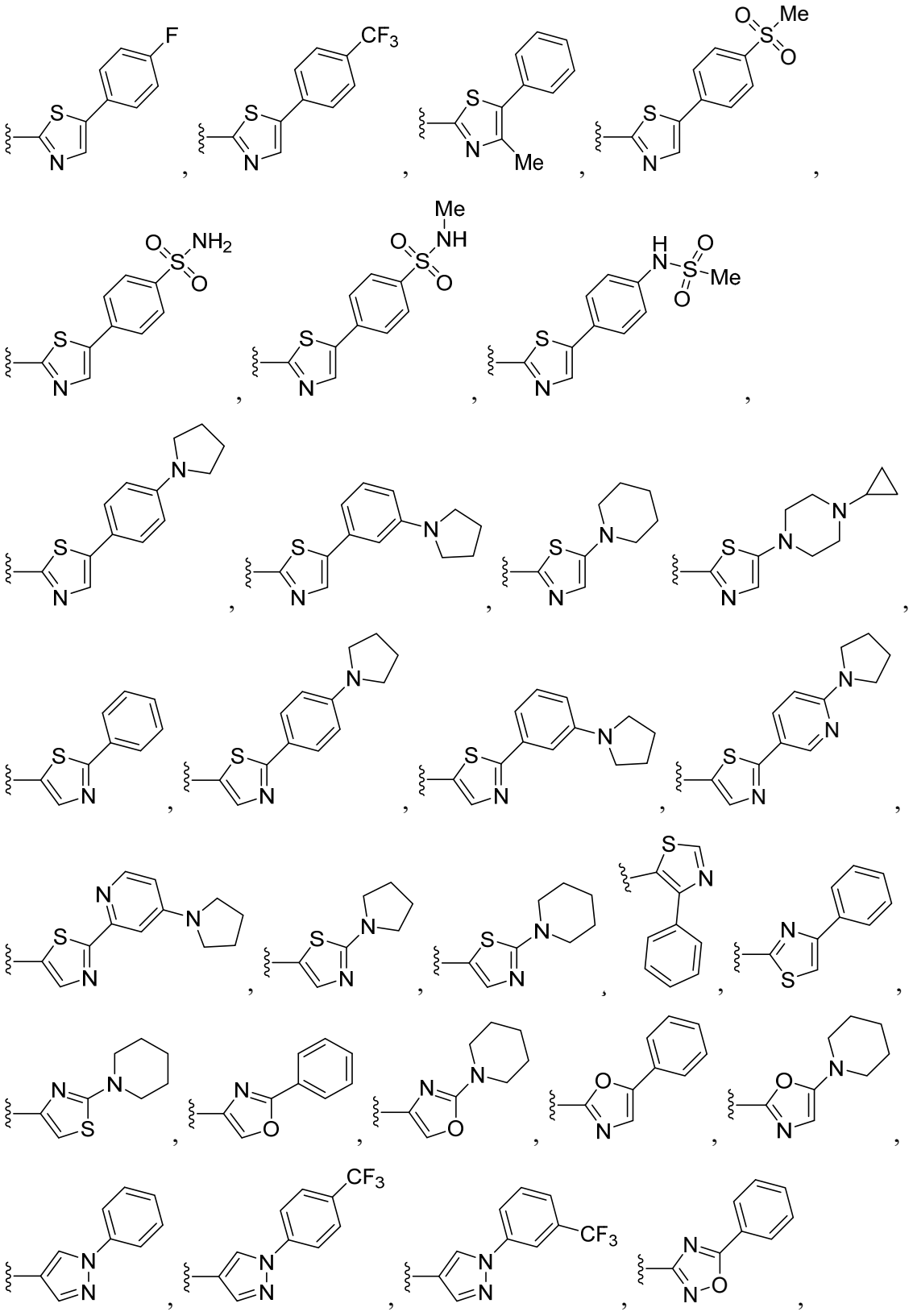
30. The compound of any one of claims 1-24, or a tautomer thereof, or a pharmaceutically acceptable salt of any of the foregoing, wherein A^2 is pyrrolidinyl, piperidinyl, piperazinyl, phenyl, pyridinyl, pyridazinyl, pyrimidinyl, or pyrazinyl, each of which is optionally substituted.

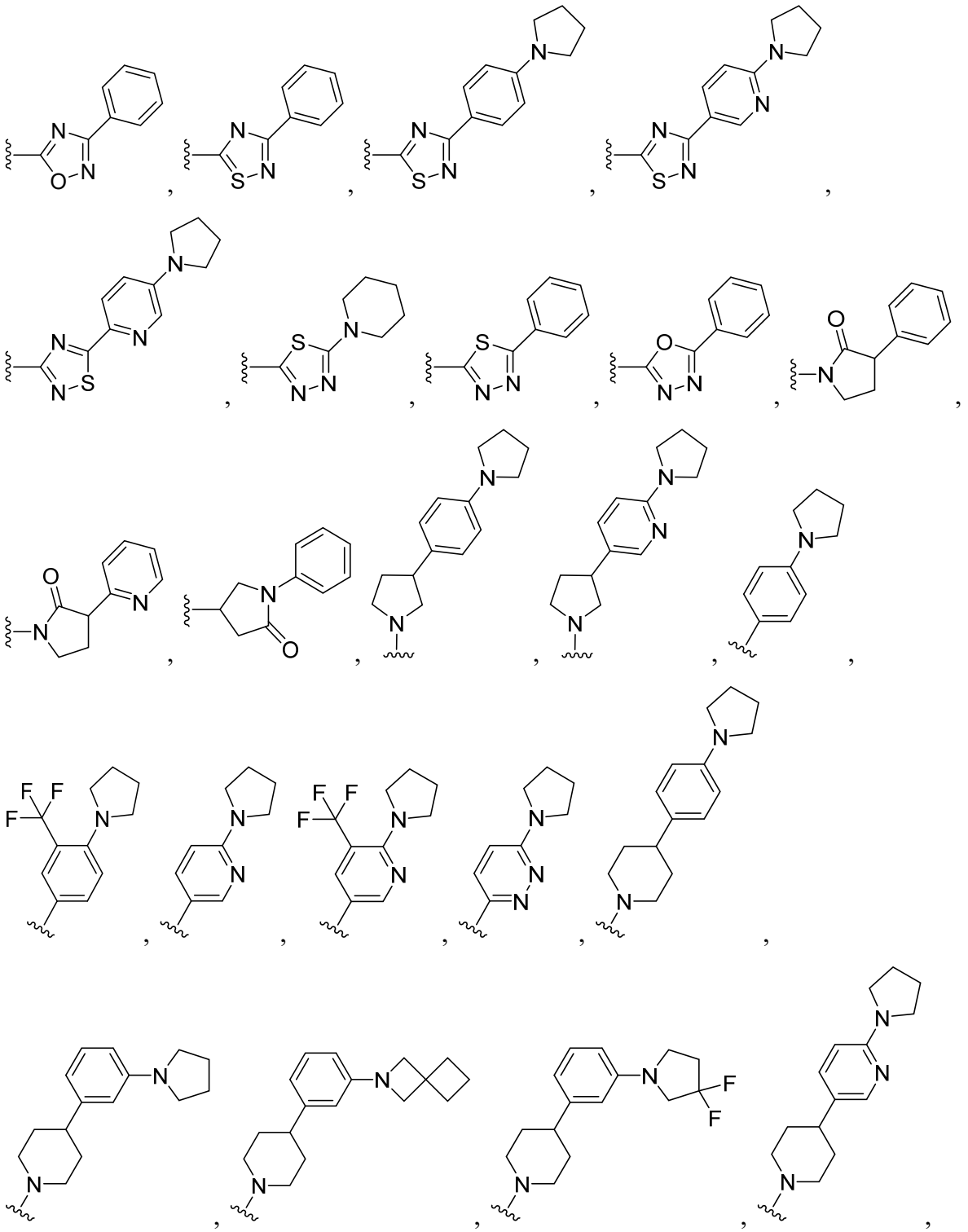
31. The compound of any one of claims 1-24, or a tautomer thereof, or a pharmaceutically acceptable salt of any of the foregoing, wherein A^2 is optionally substituted phenyl.

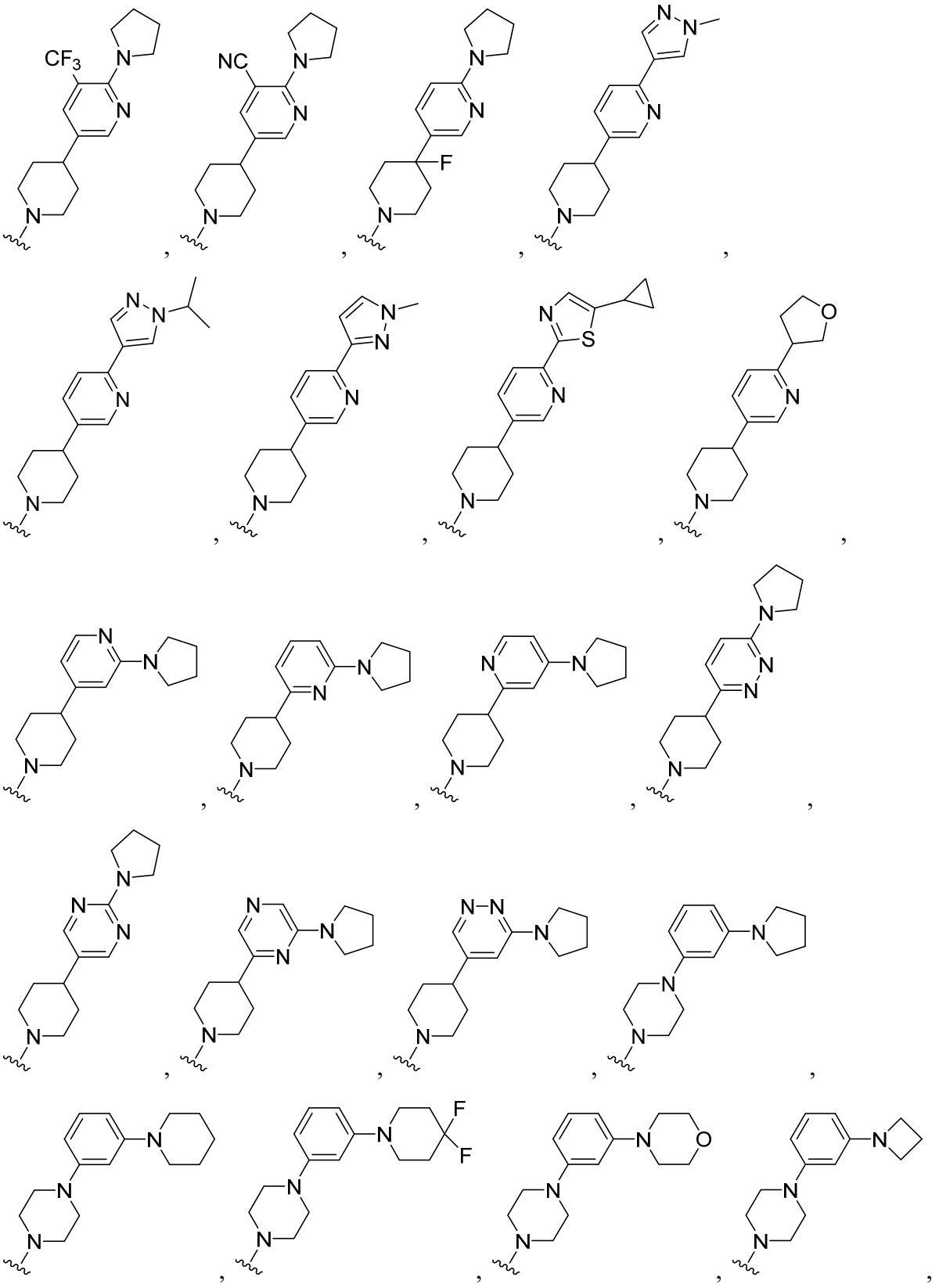
32. The compound of any one of claims 1-24, or a tautomer thereof, or a pharmaceutically acceptable salt of any of the foregoing, wherein A^2 is optionally substituted piperidinyl.

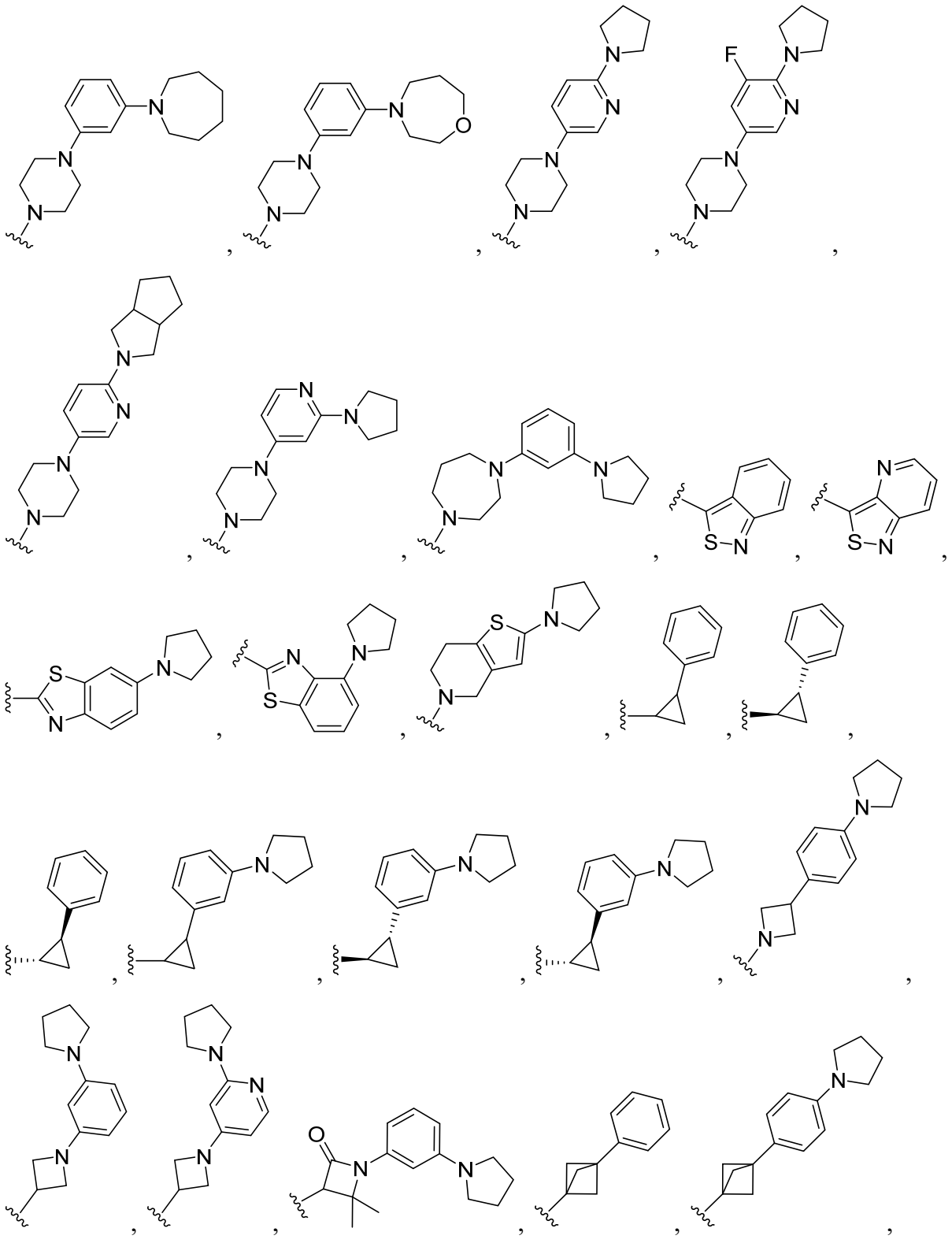
33. The compound of any one of claims 1-24, or a tautomer thereof, or a pharmaceutically acceptable salt of any of the foregoing, wherein A^2 is optionally substituted pyridinyl.

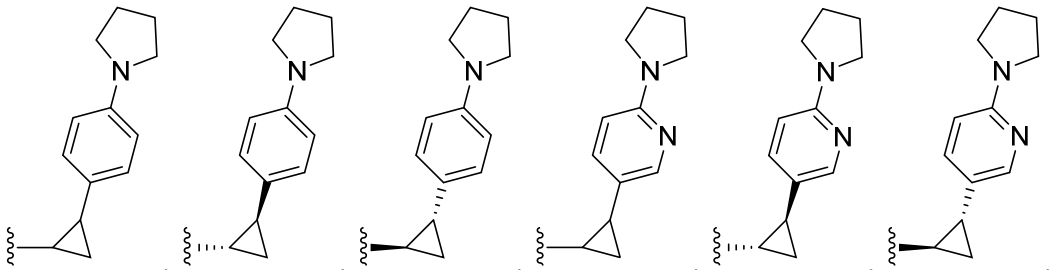
34. The compound of any one of claims 1-33, or a tautomer thereof, or a pharmaceutically acceptable salt of any of the foregoing, wherein  is ,

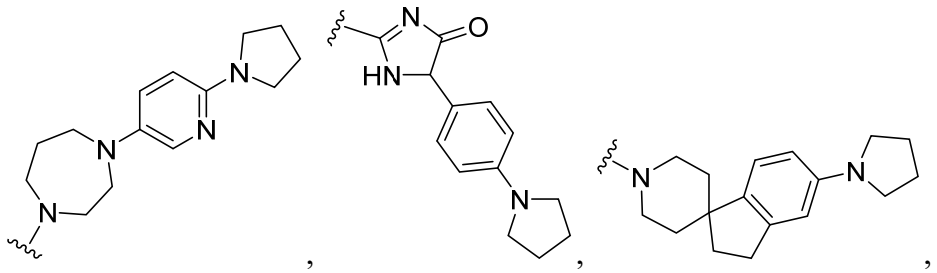


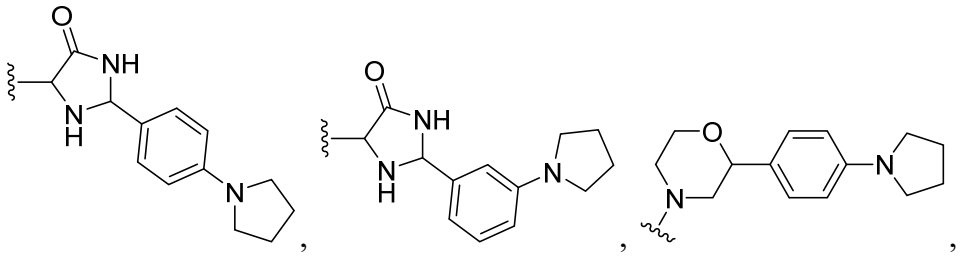


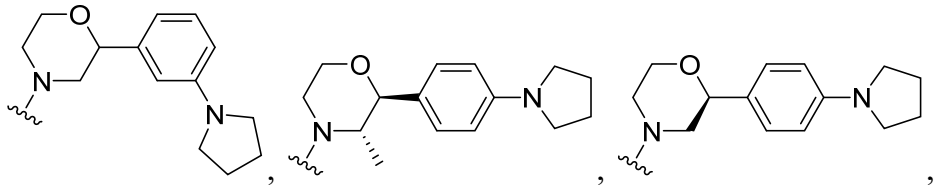


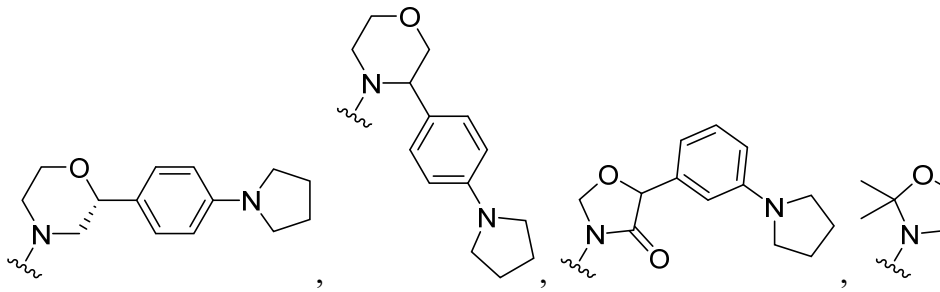


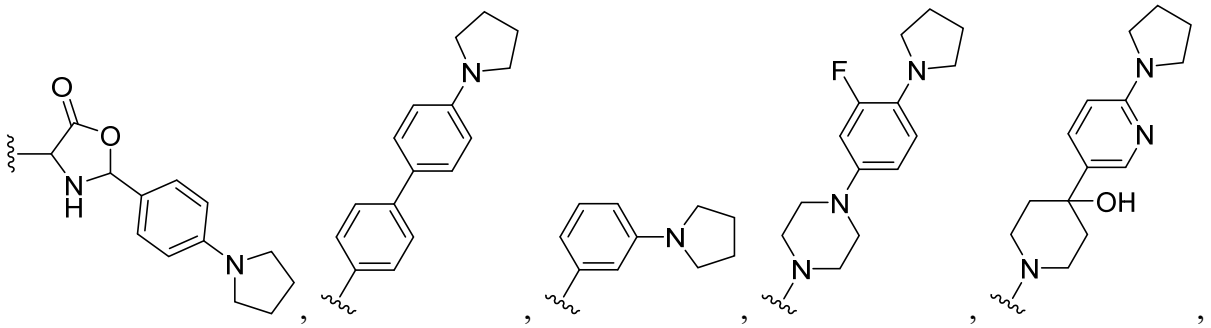


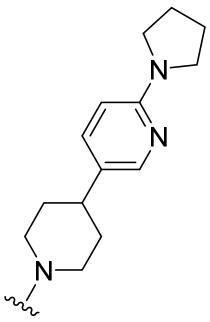
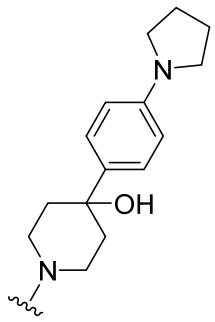
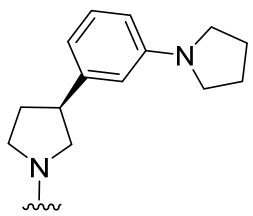


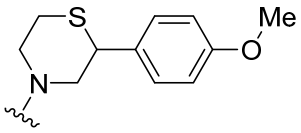
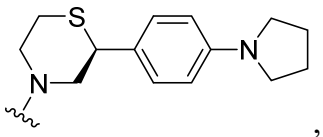
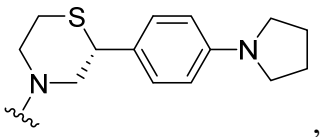
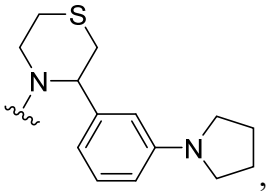
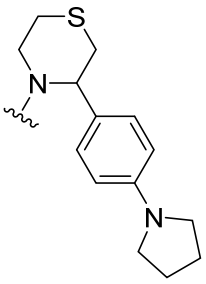
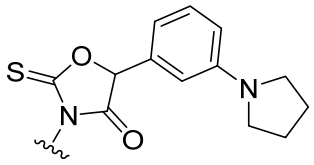


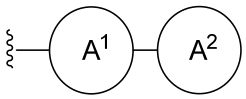
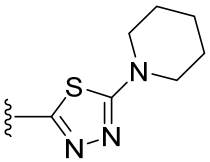


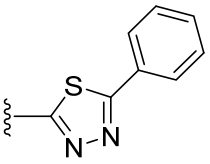
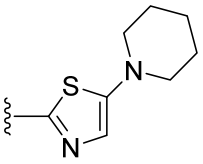
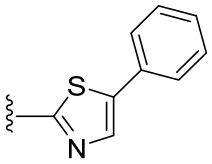
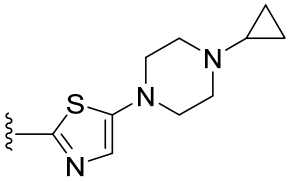
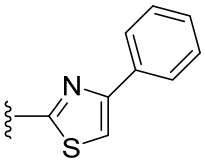
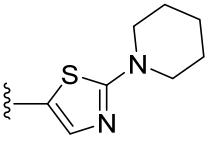
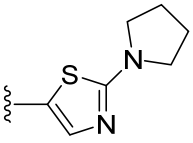
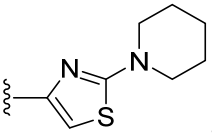
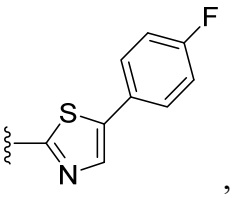
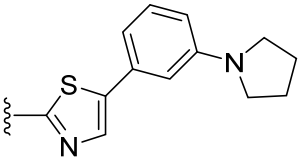
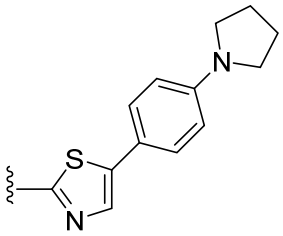
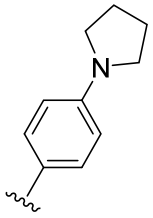
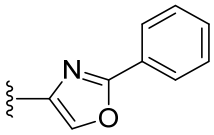
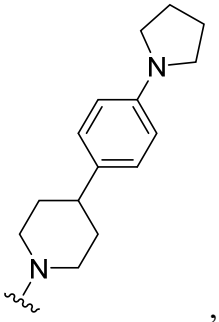
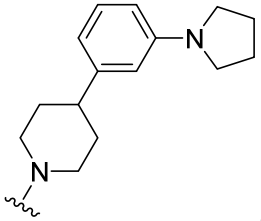
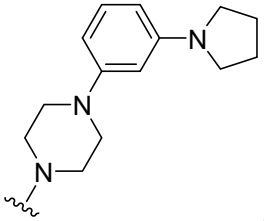
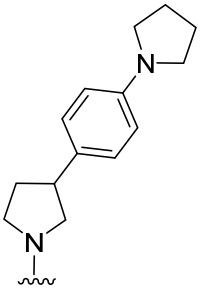


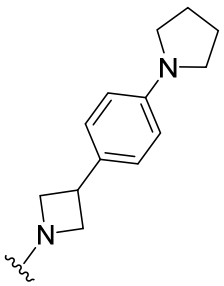
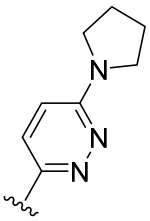
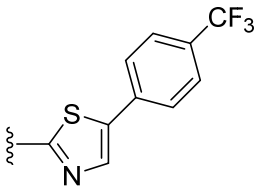
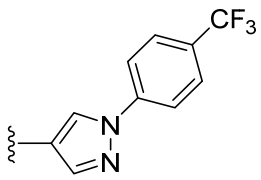
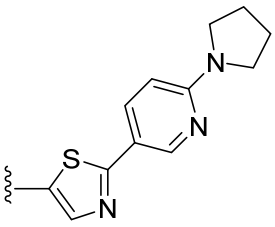
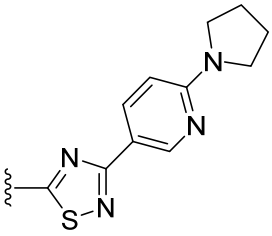
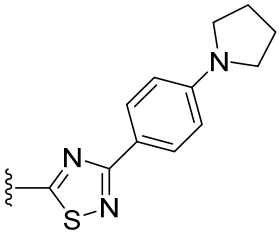
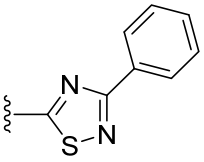


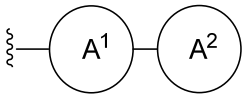
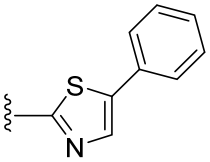
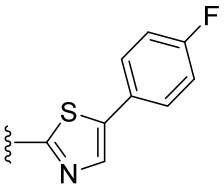
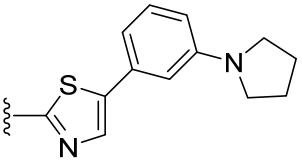
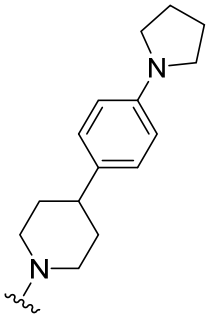
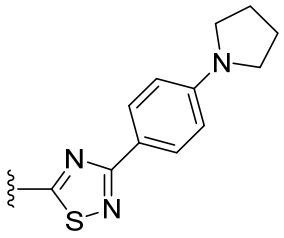

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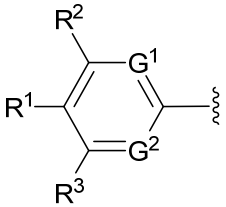
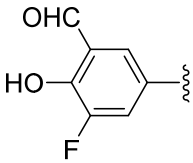
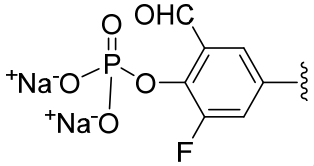
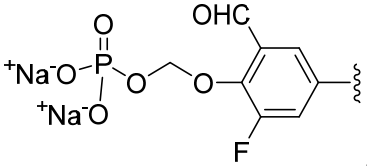

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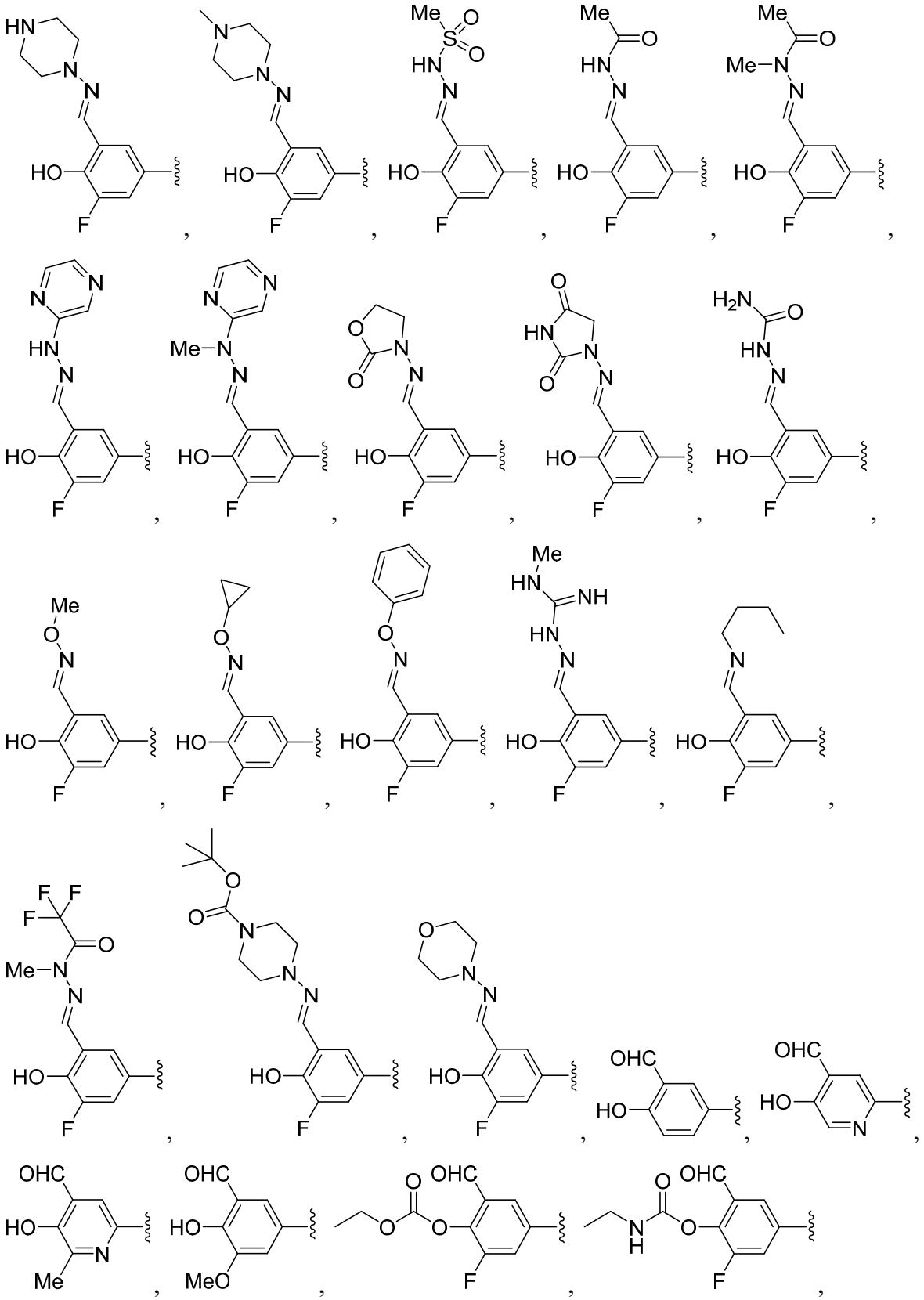
35. The compound of any one of claims 1-33, or a tautomer thereof, or a pharmaceutically acceptable salt of any of the foregoing, wherein  is ,

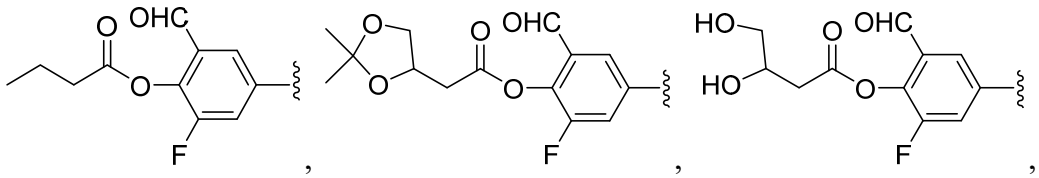

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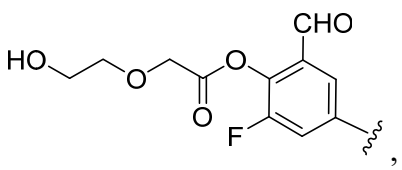

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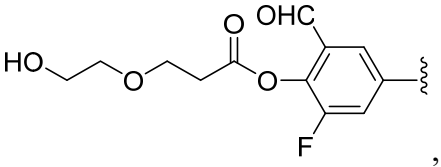
36. The compound of any one of claims 1-33, or a tautomer thereof, or a pharmaceutically acceptable salt of any of the foregoing, wherein  is ,

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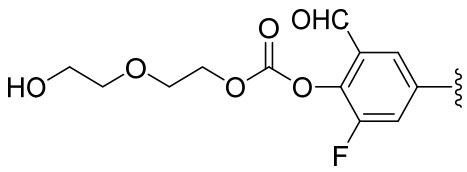
37. The compound of any one of claims 1-36, or a tautomer thereof, or a pharmaceutically acceptable salt of any of the foregoing, wherein the  portion of the compound is 
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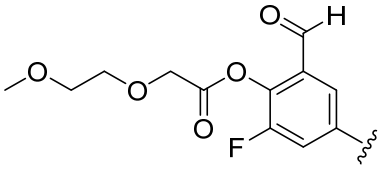


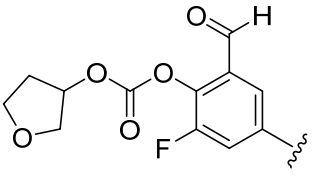


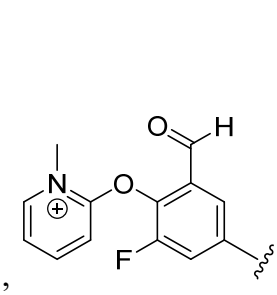


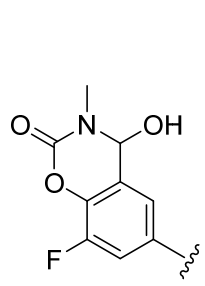


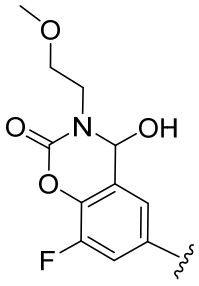


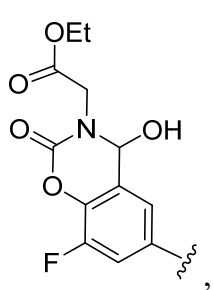


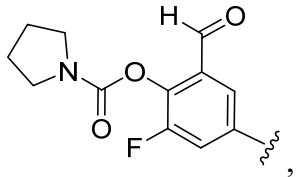


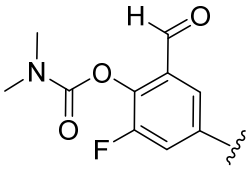


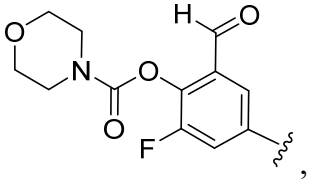


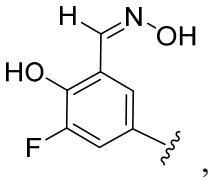


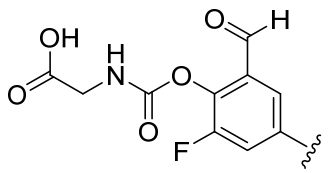


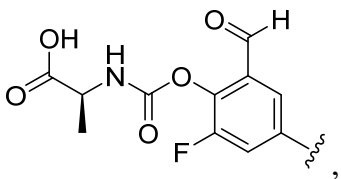


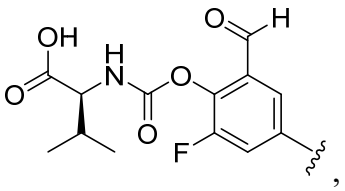


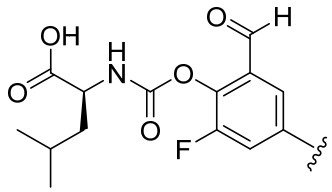


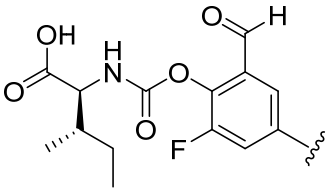


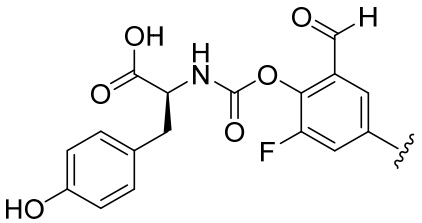


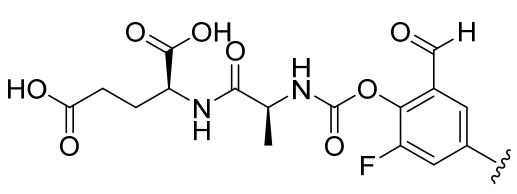


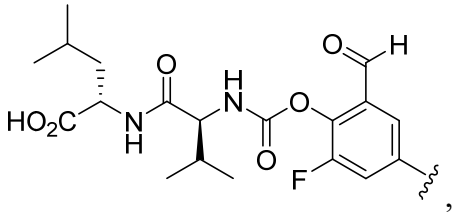


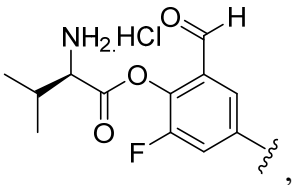
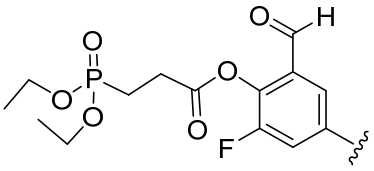
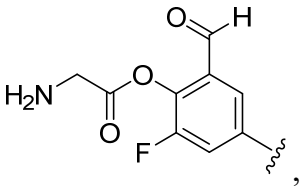
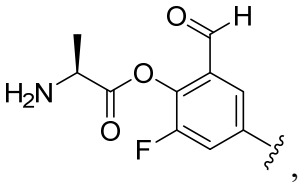
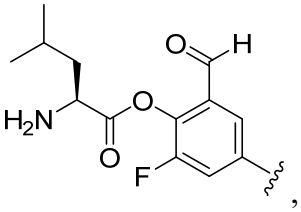
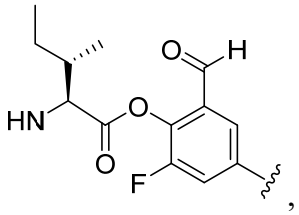
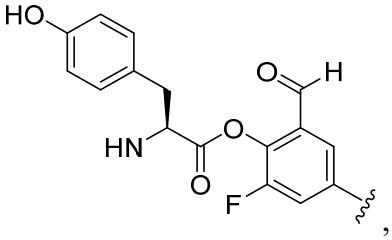
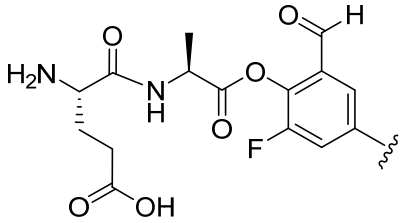
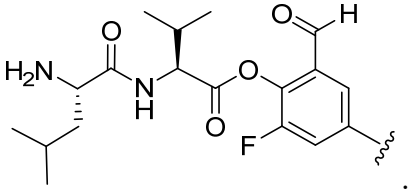


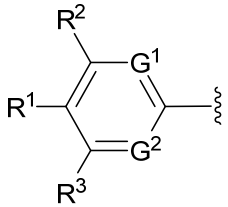
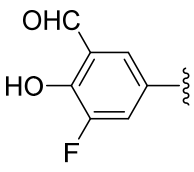
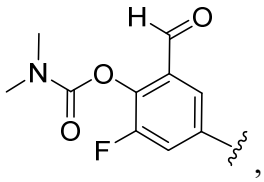
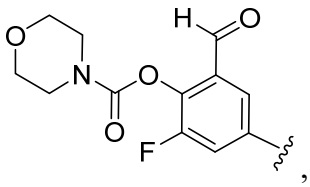
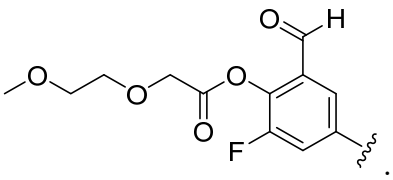




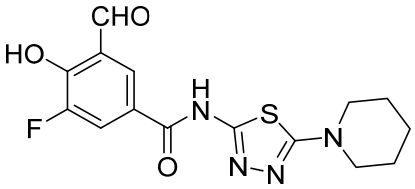
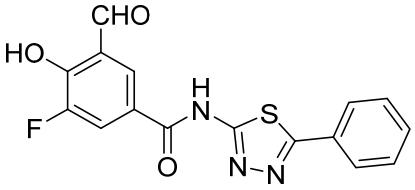
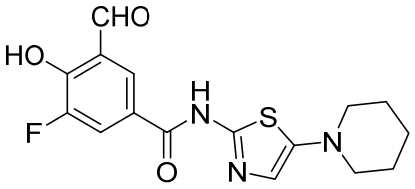
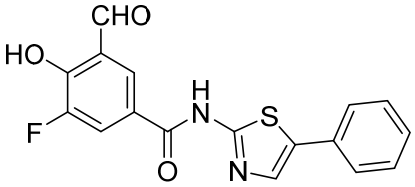
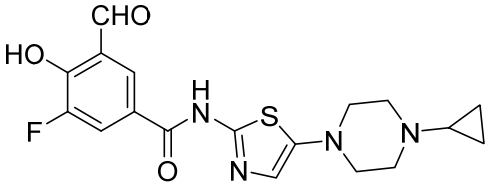
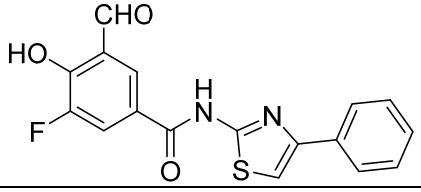
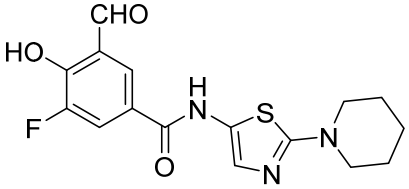
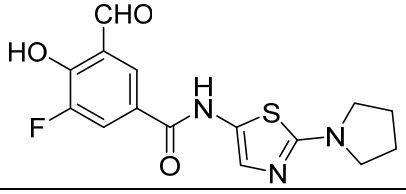


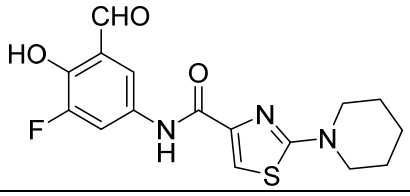
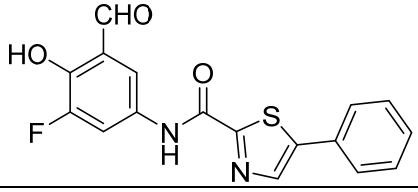
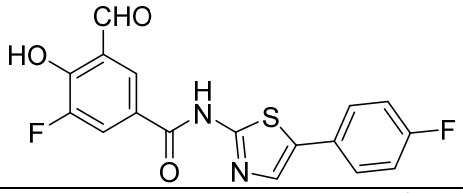
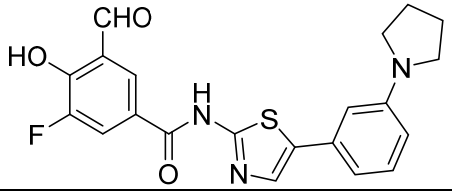
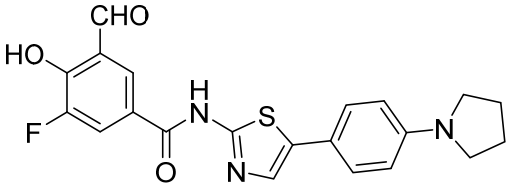
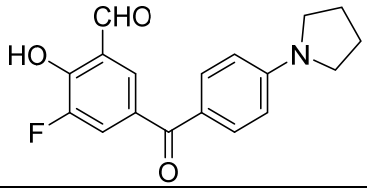
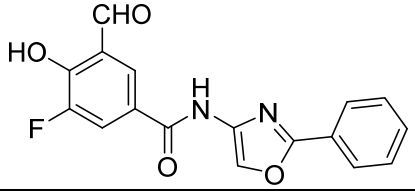
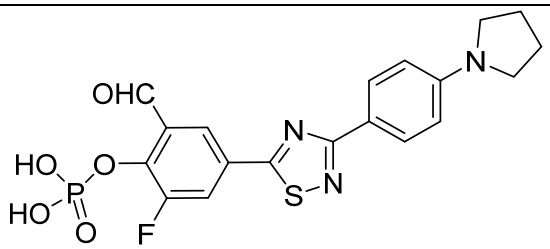
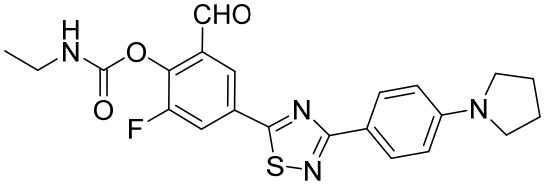


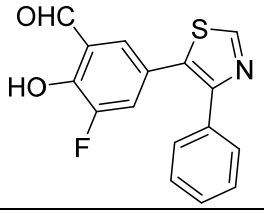
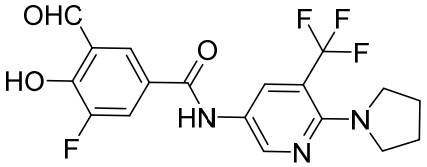
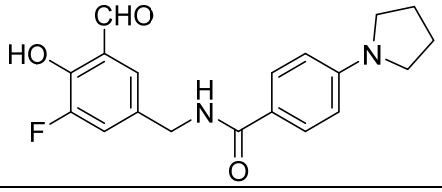
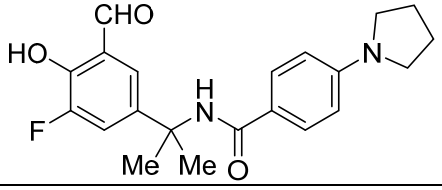
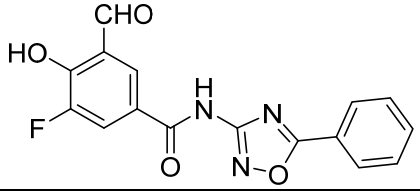
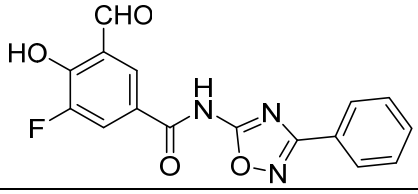
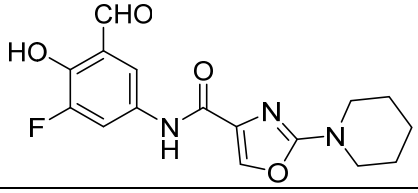
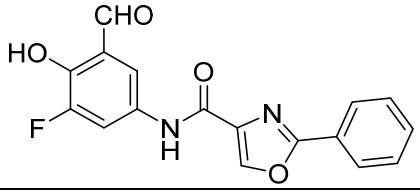
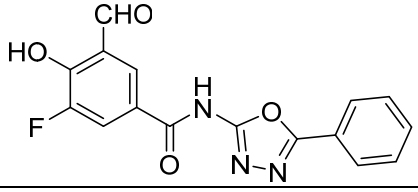








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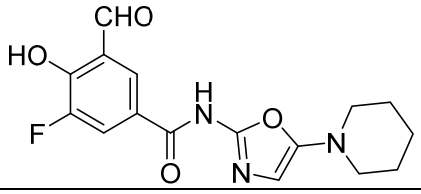
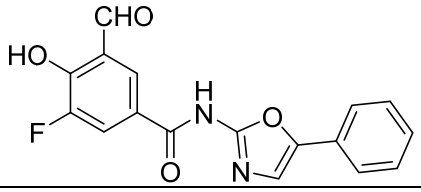
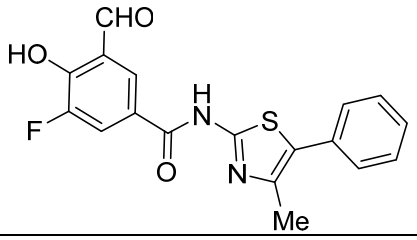
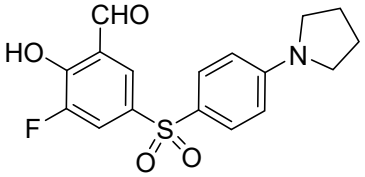
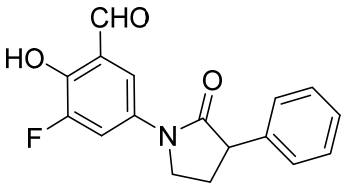
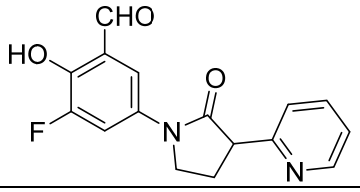
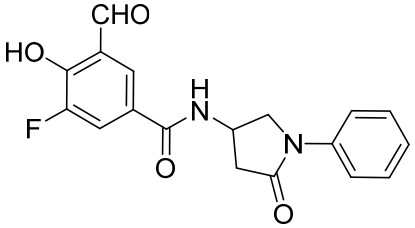
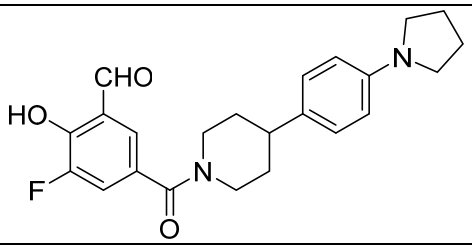
38. The compound of any one of claims 1-36, or a tautomer thereof, or a pharmaceutically acceptable salt of any of the foregoing, wherein the  portion of the compound is , , , or .

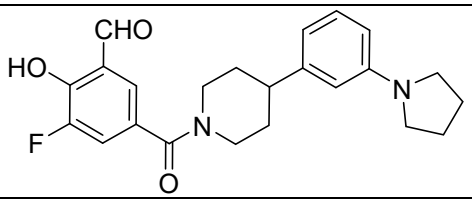
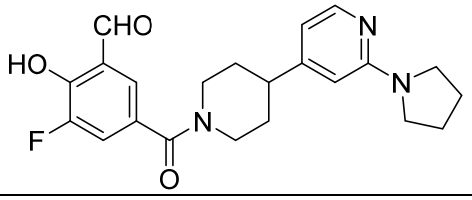
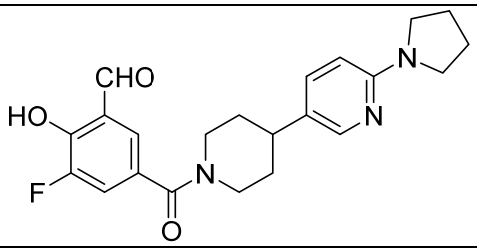
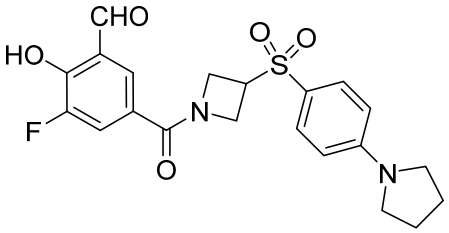
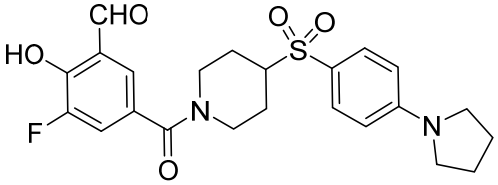
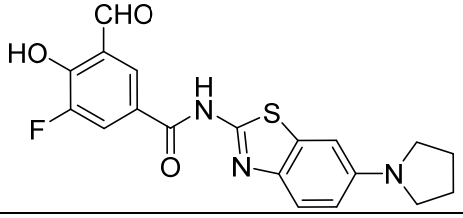
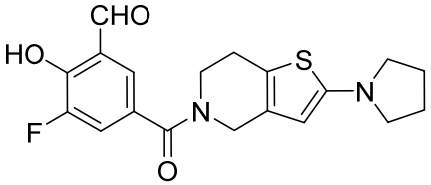
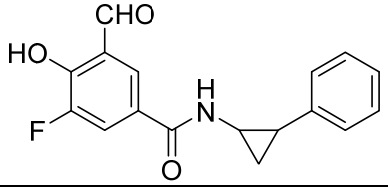
39. A compound, or a tautomer thereof, or a pharmaceutically acceptable salt of any of the foregoing, wherein the compound is selected from the group consisting of

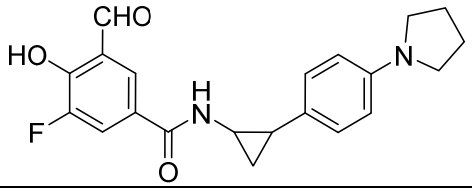
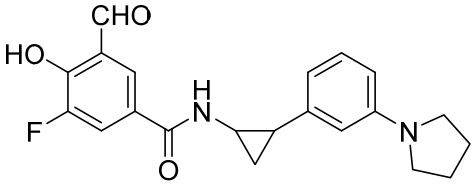
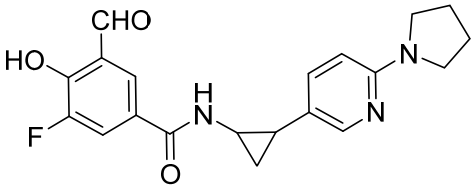
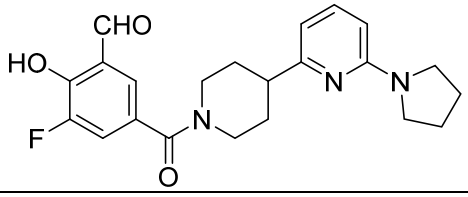
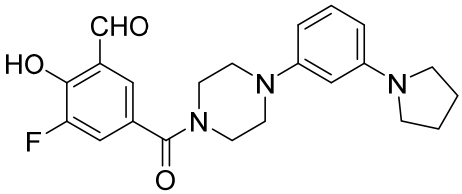
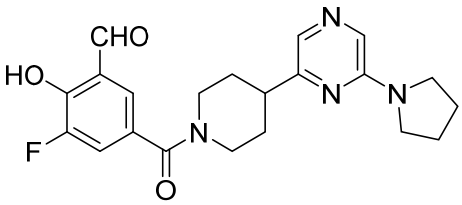
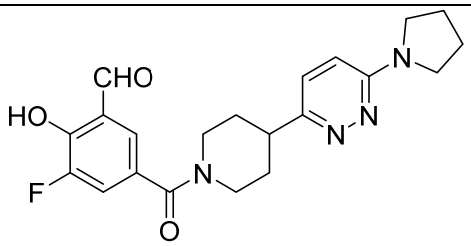
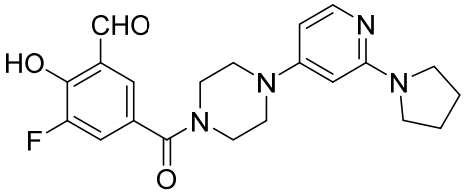
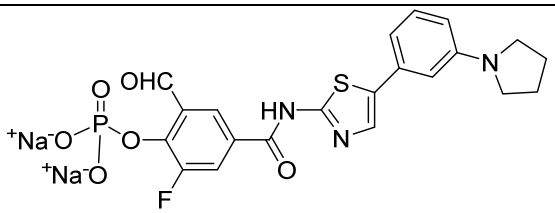
Compound No.	Chemical Structure
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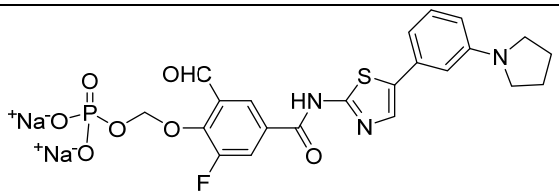
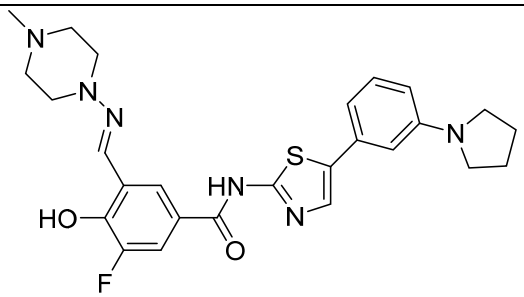
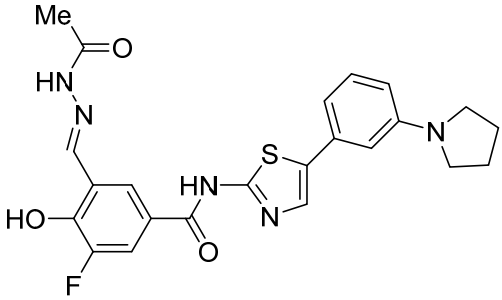
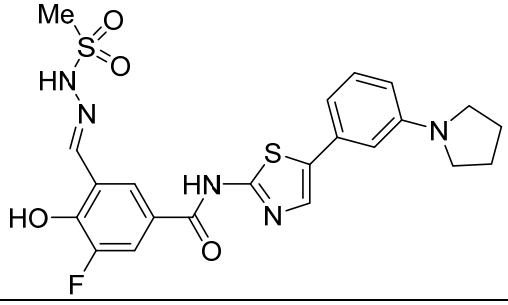
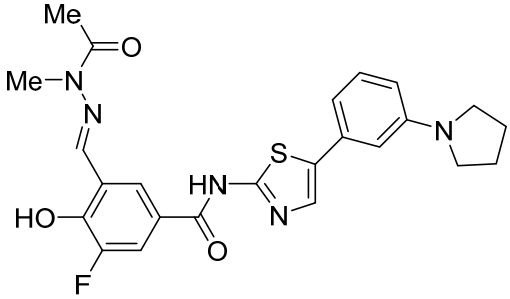
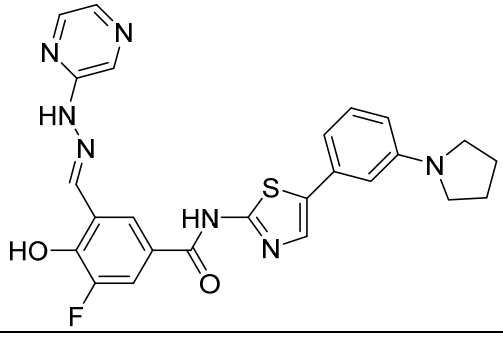
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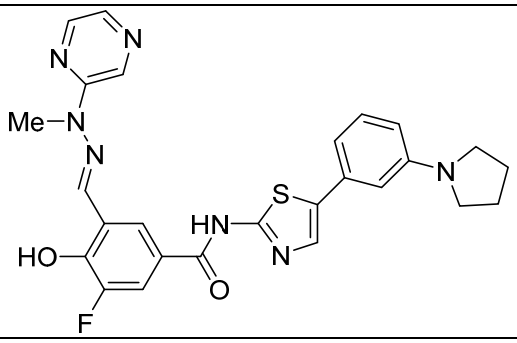
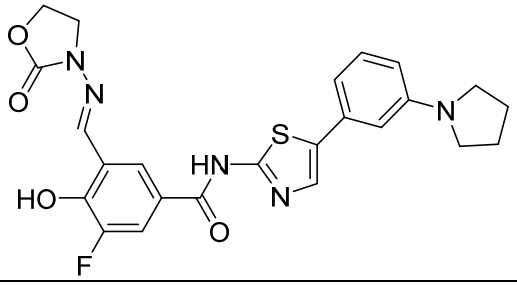
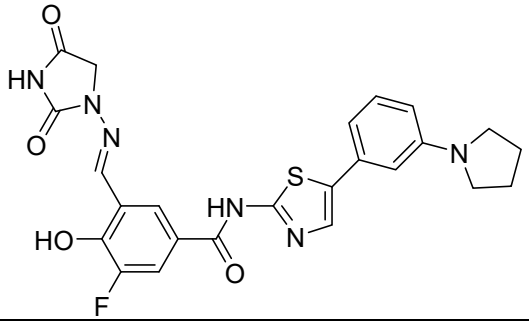
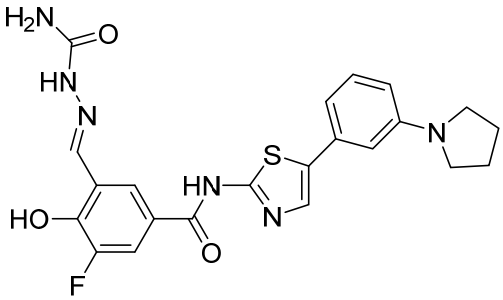
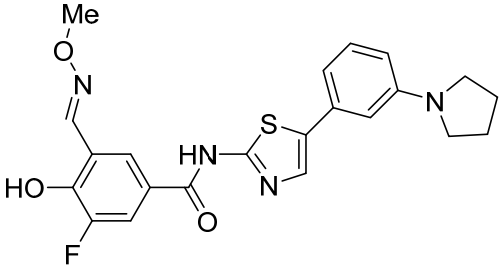
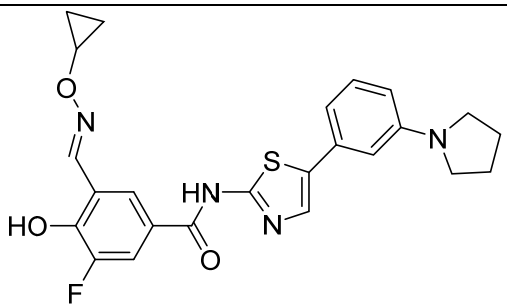
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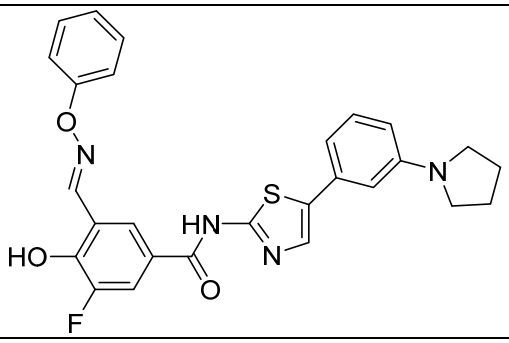
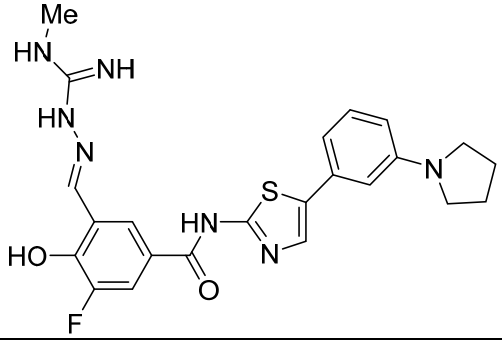
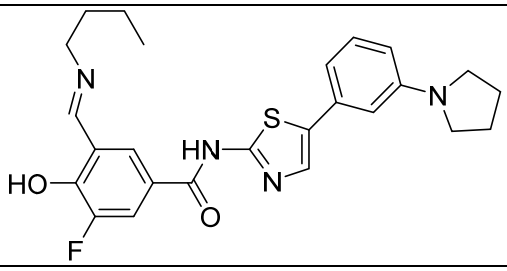
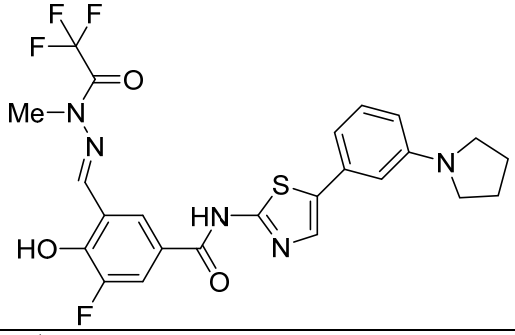
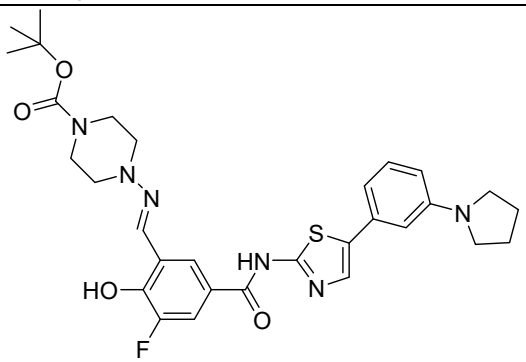
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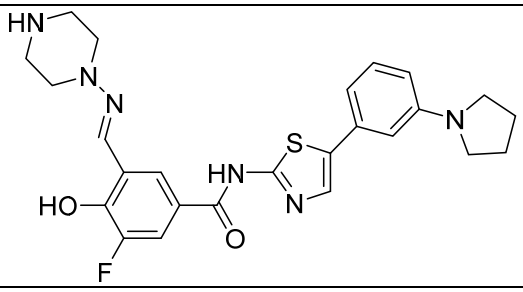
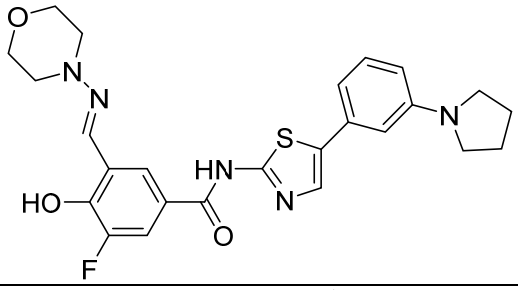
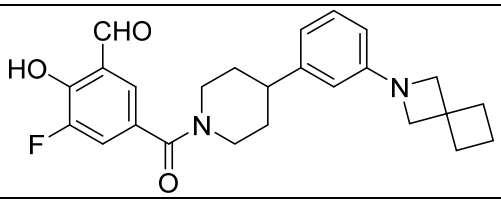
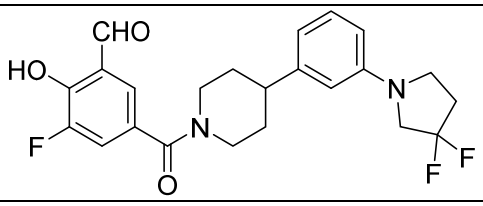
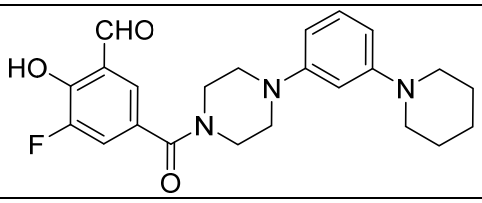
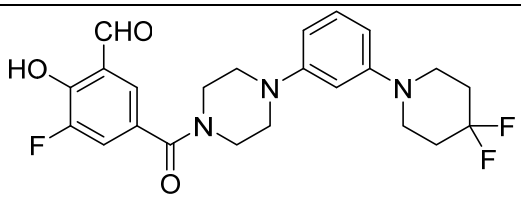
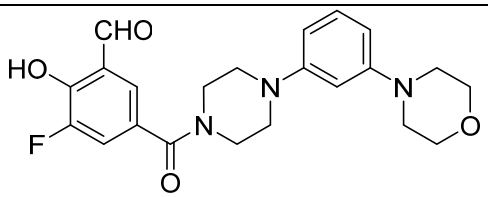
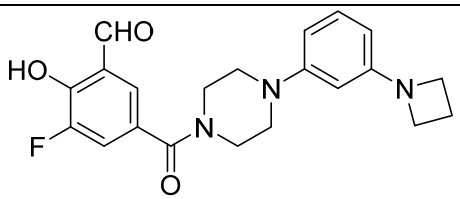
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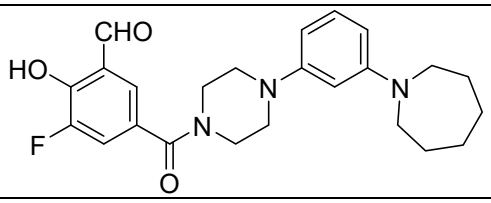
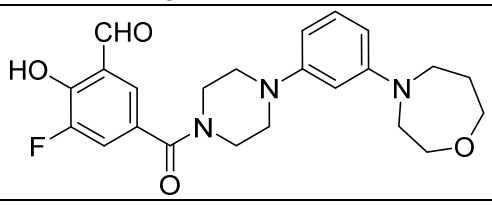
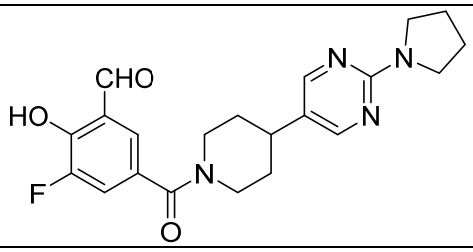
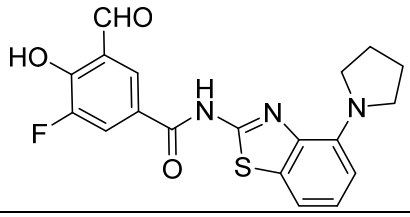
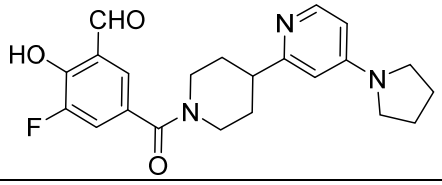
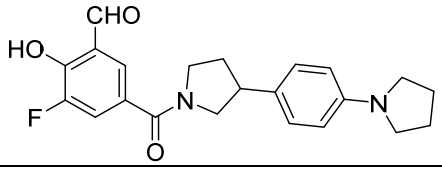
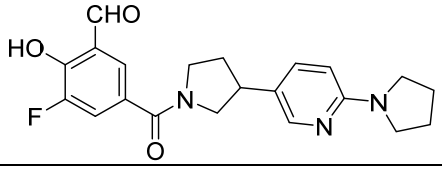
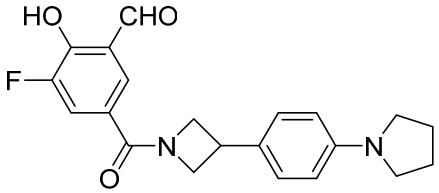
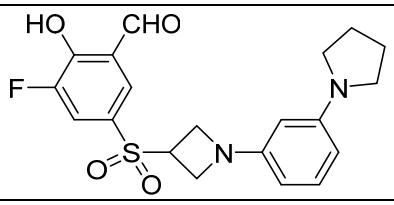
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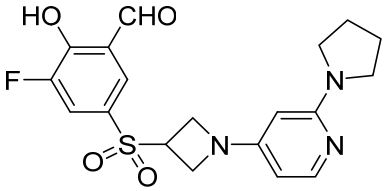
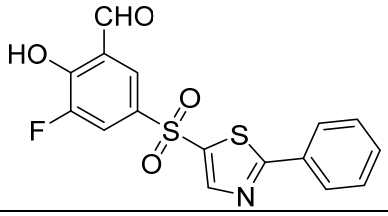
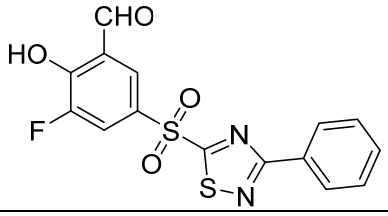
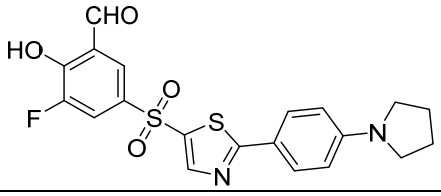
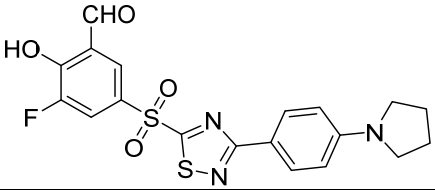
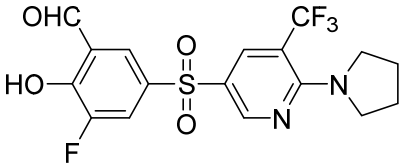
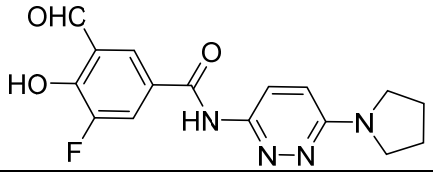
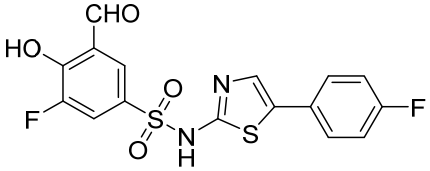
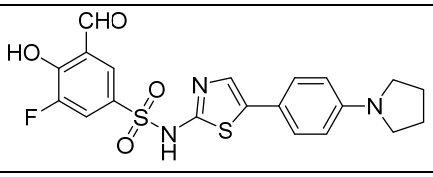
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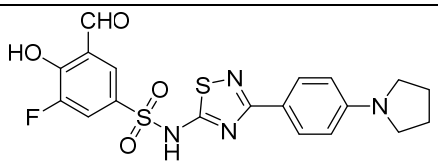
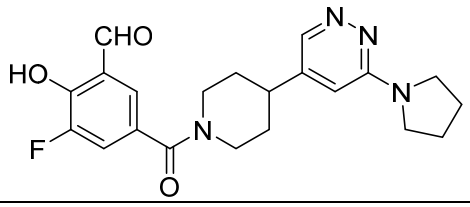
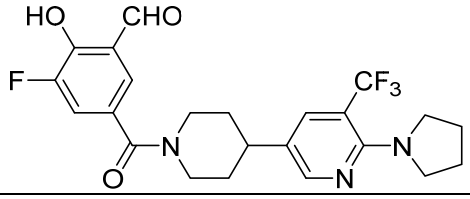
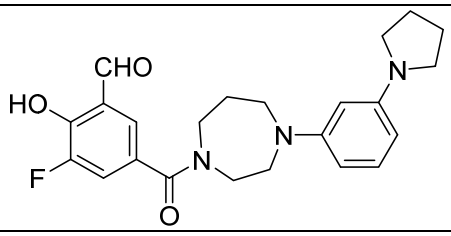
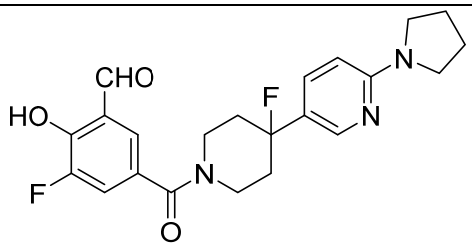
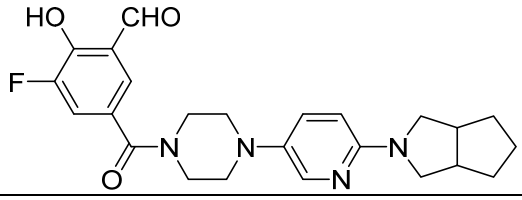
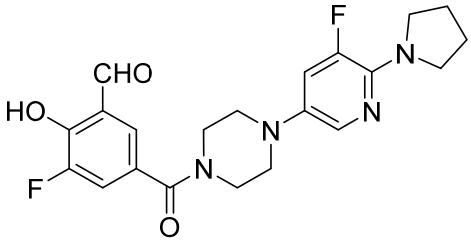
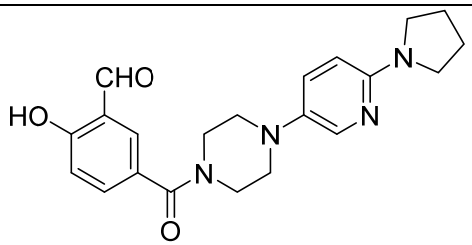
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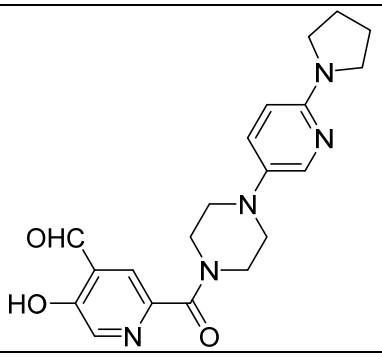
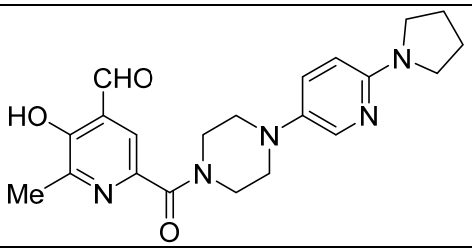
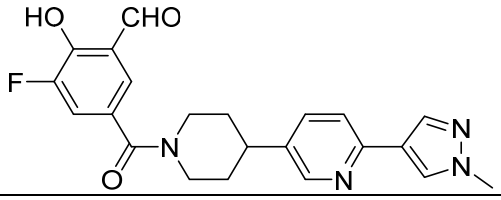
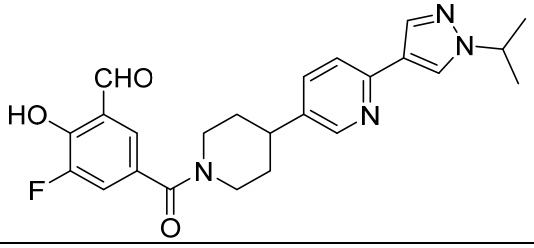
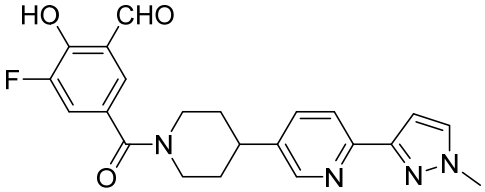
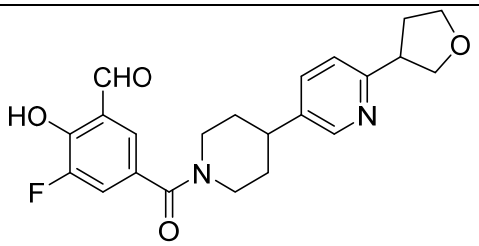
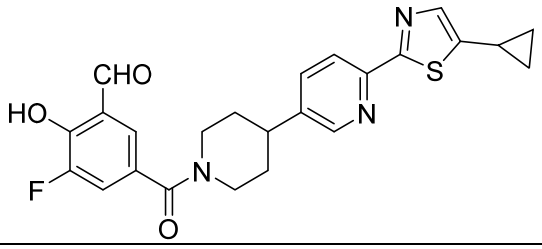
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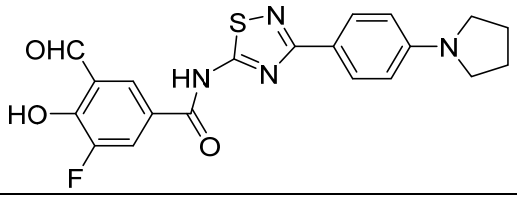
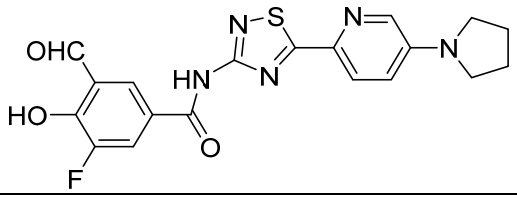
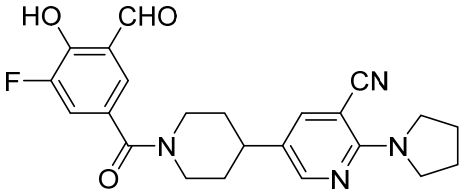
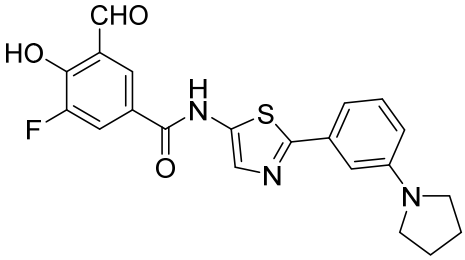
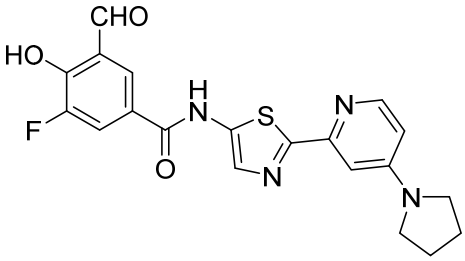
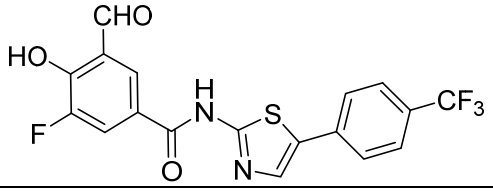
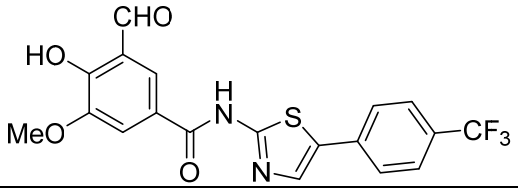
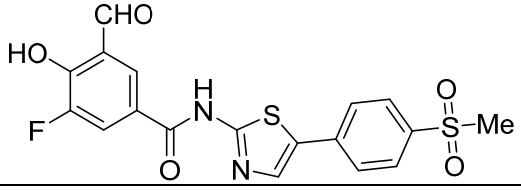
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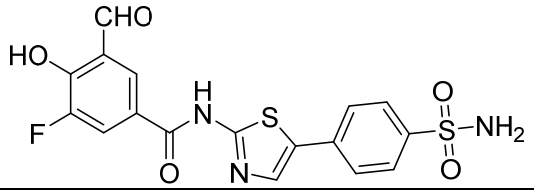
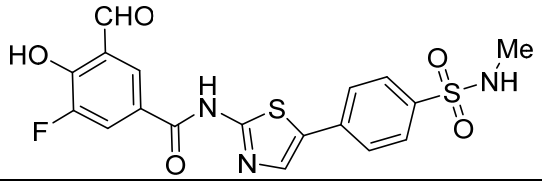
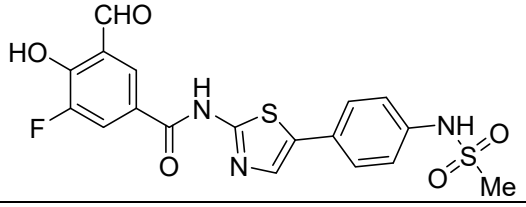
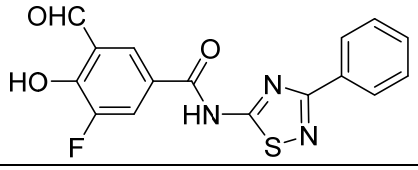
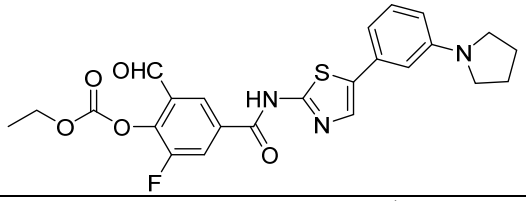
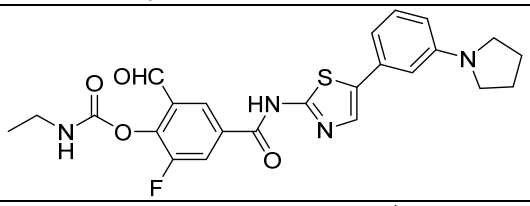
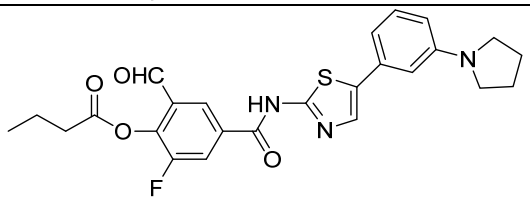
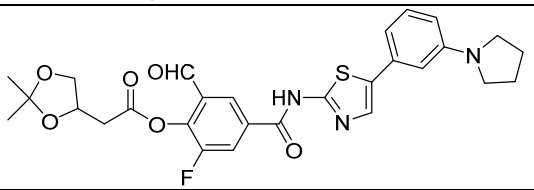
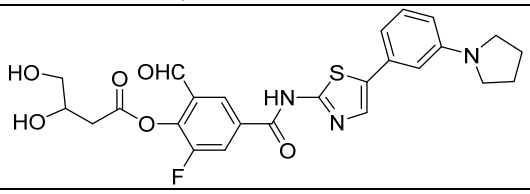
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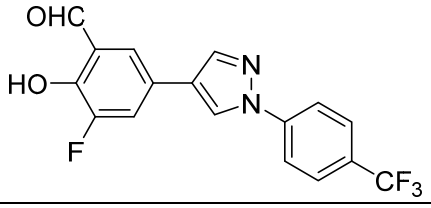
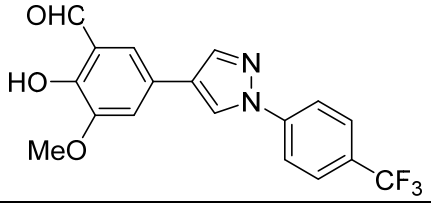
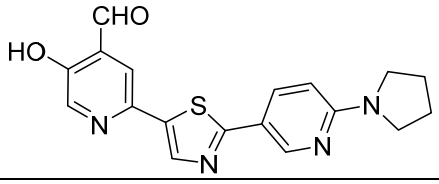
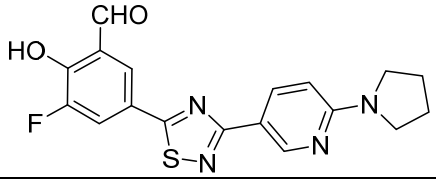
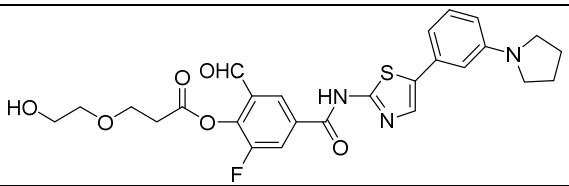
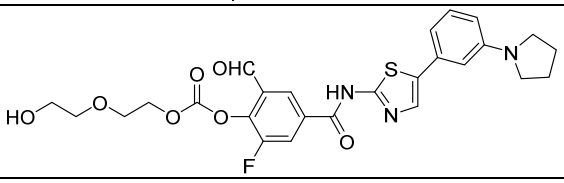
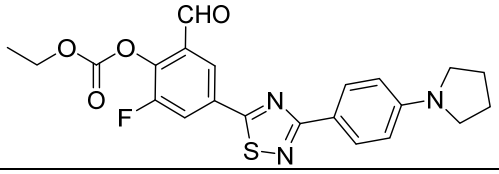
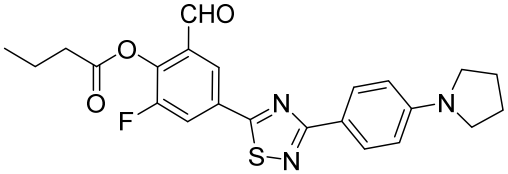
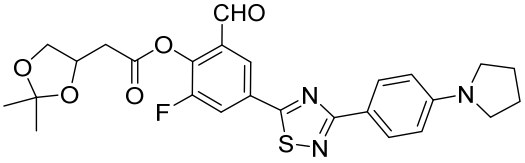
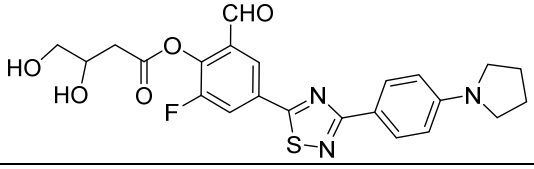
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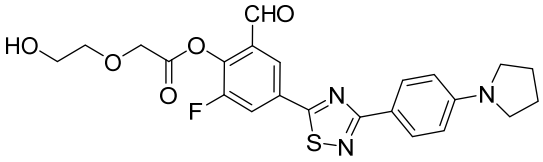
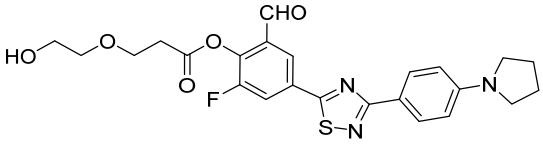
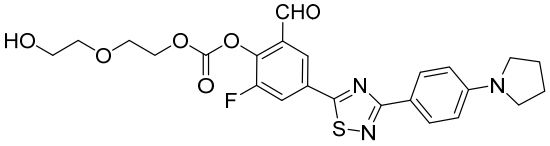
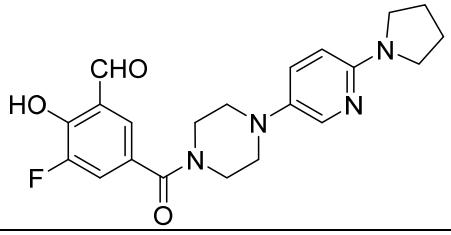
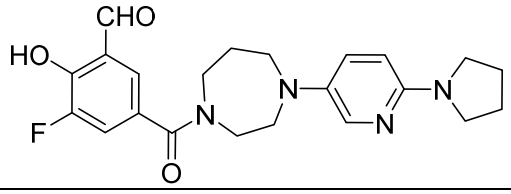
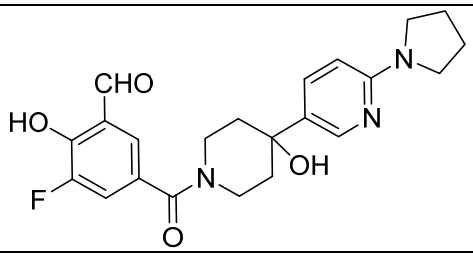
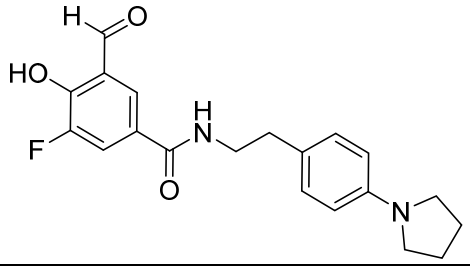
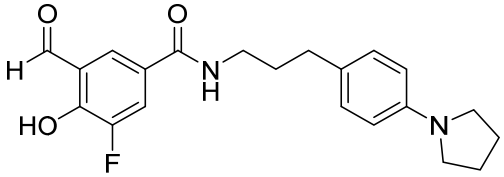
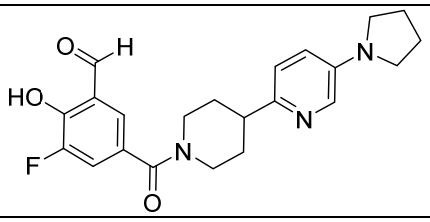
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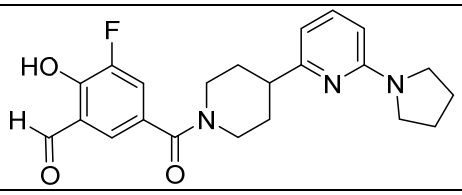
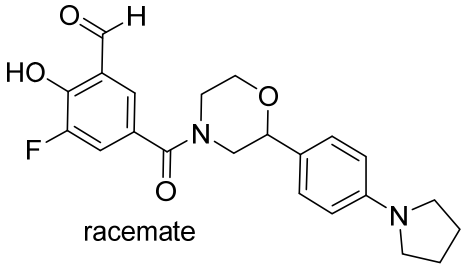
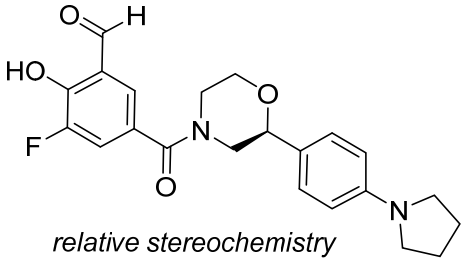
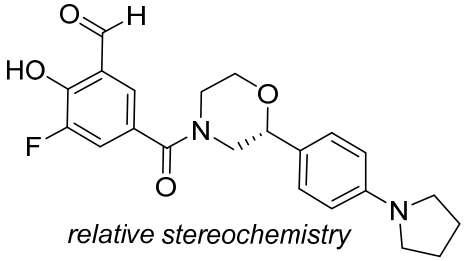
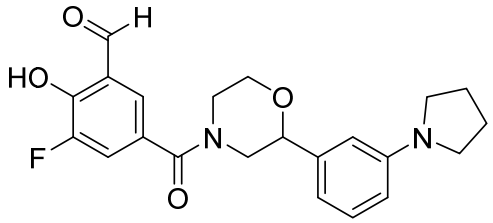
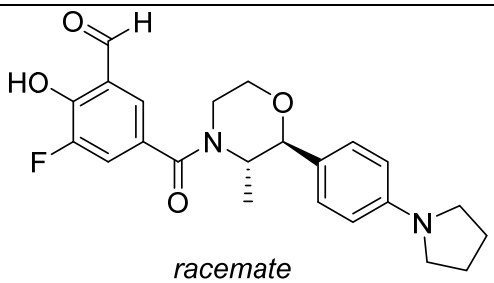
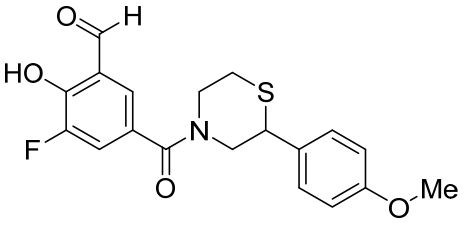
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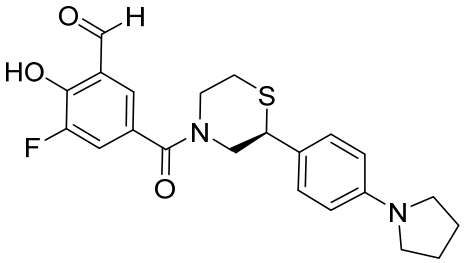
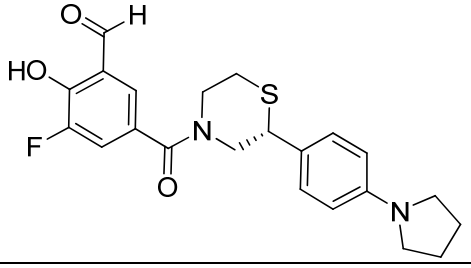
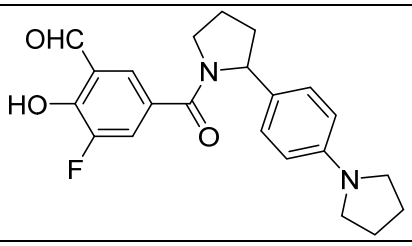
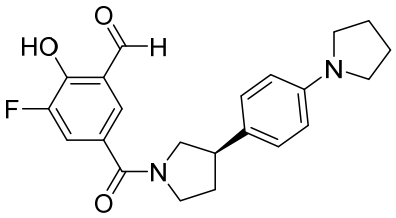
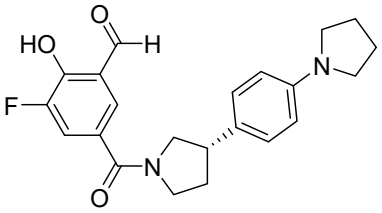
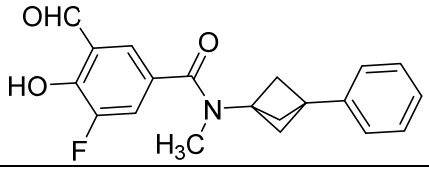
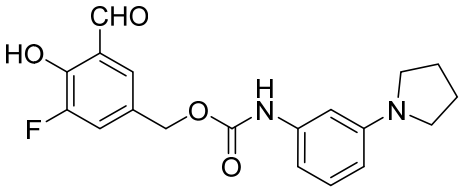
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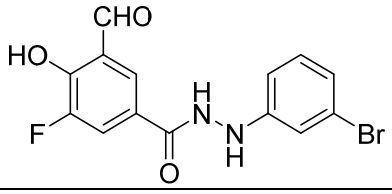
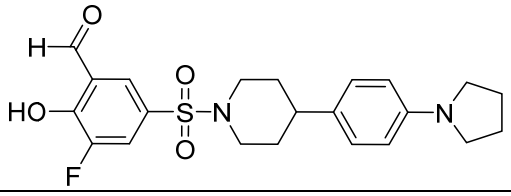
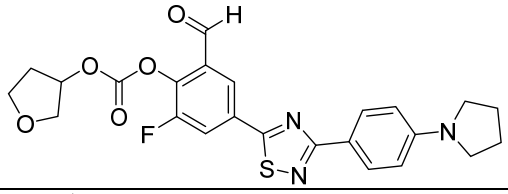
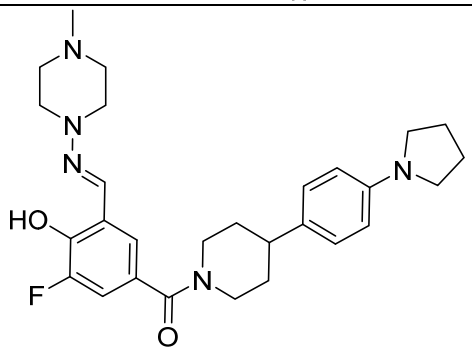
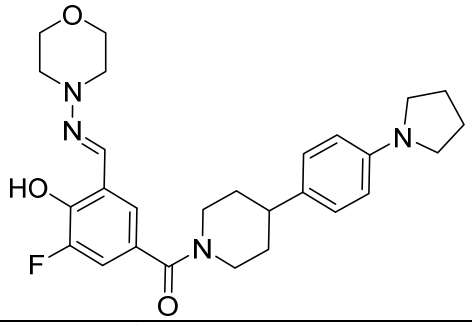
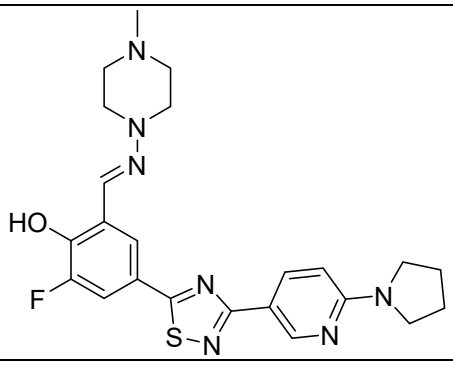
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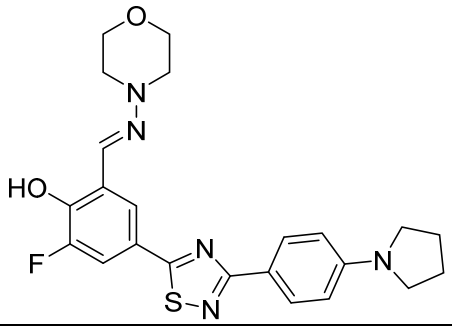
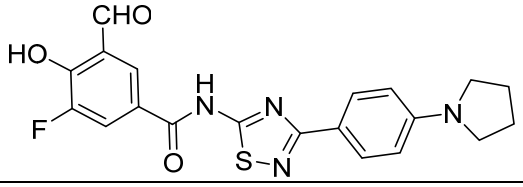
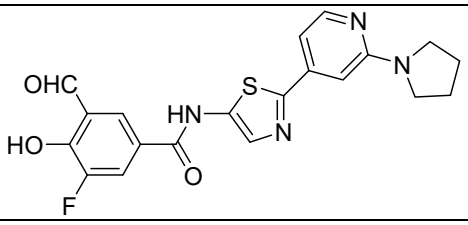
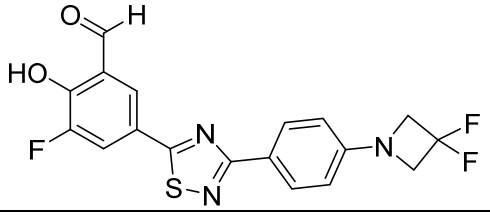
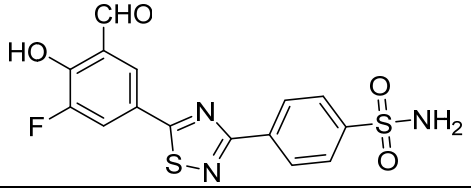
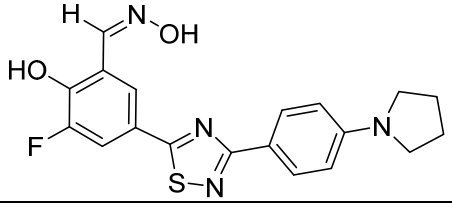
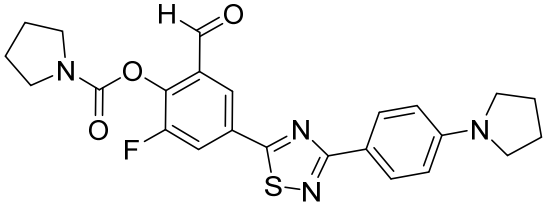
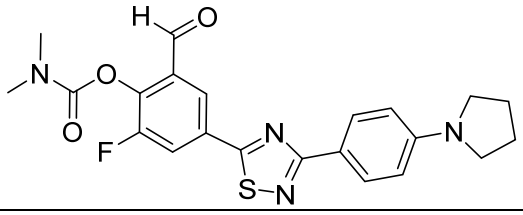
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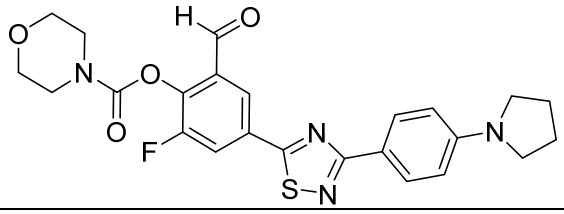
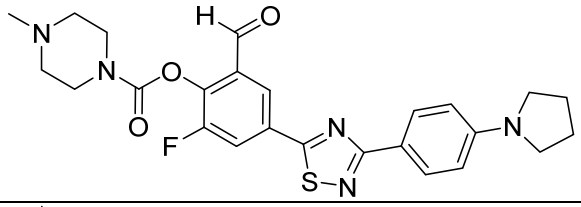
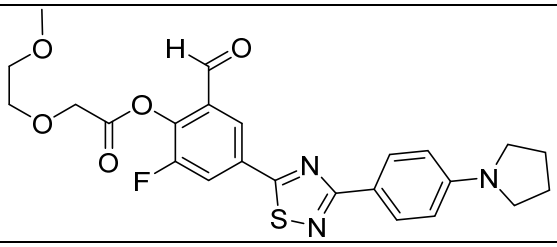
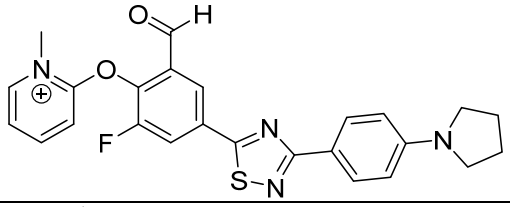
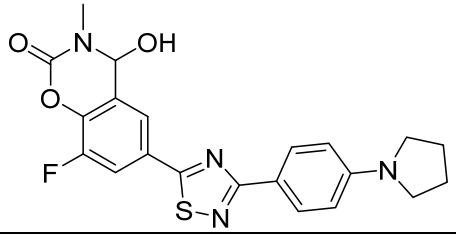
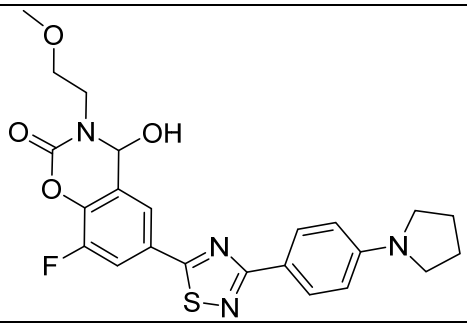
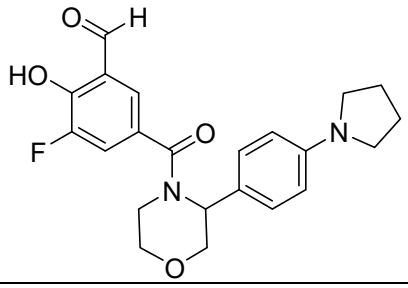
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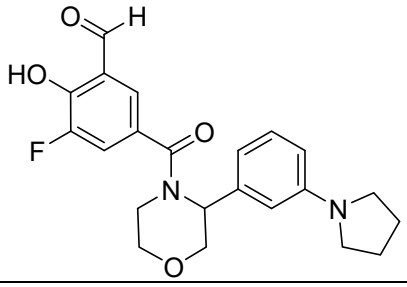
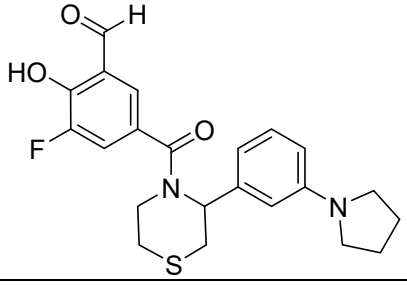
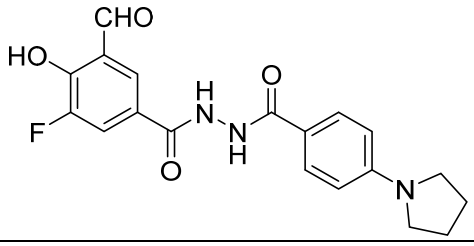
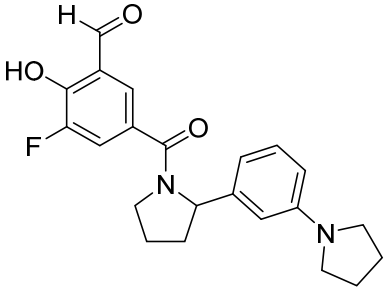
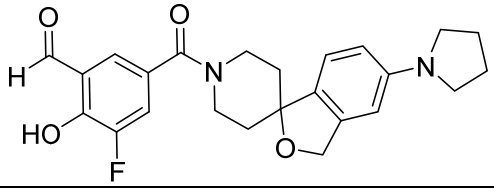
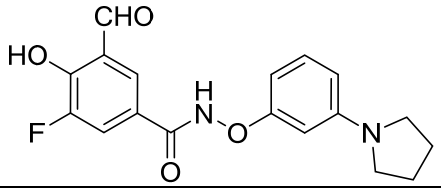
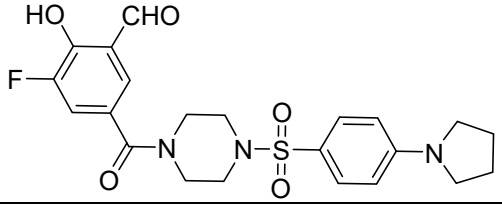
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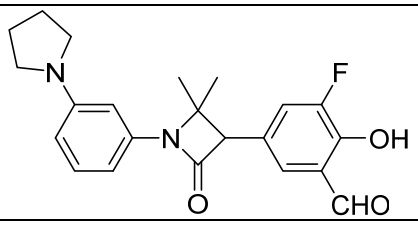
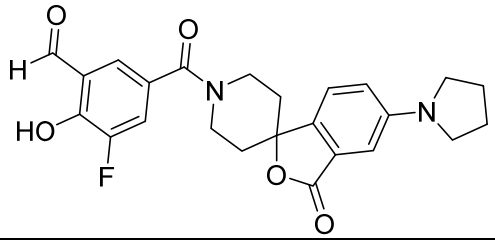
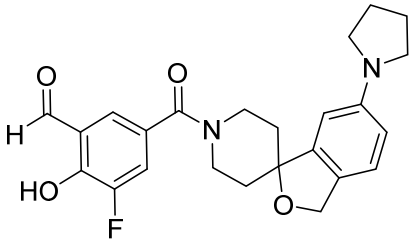
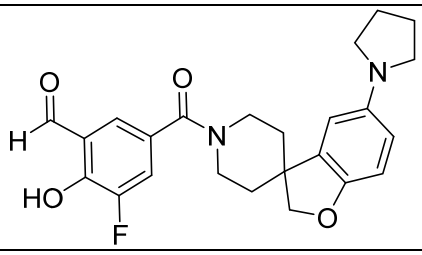
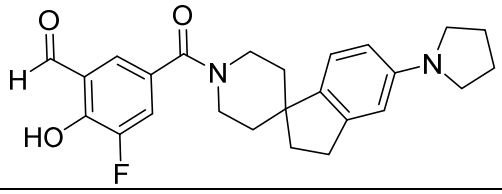
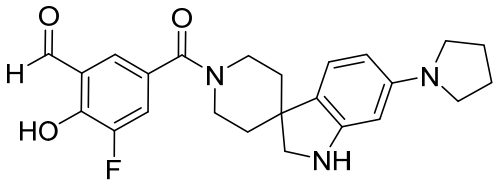
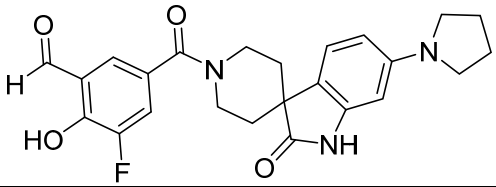
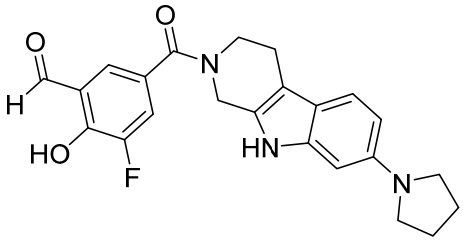
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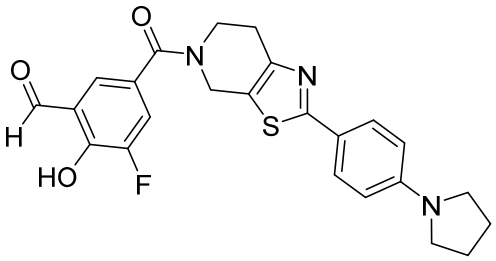
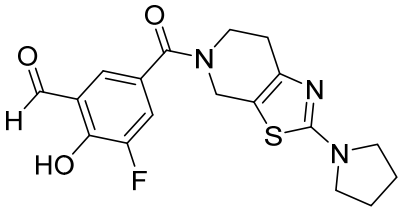
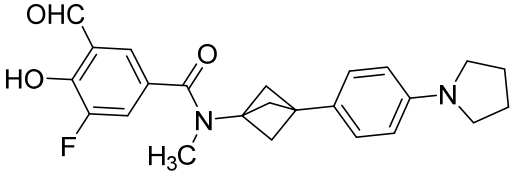
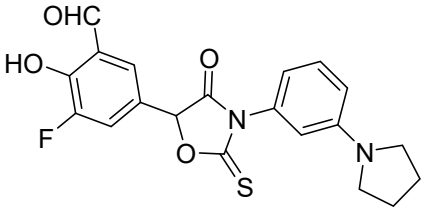
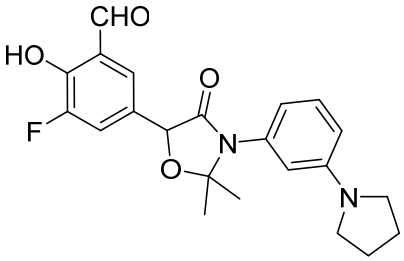
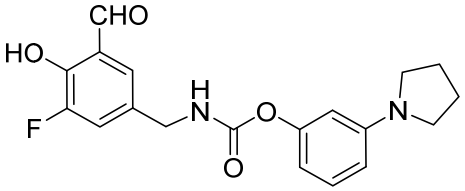
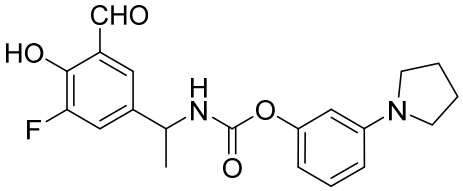
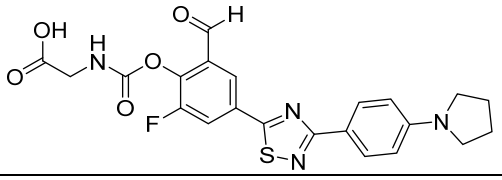
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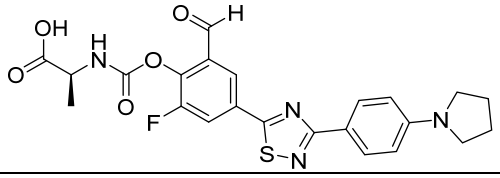
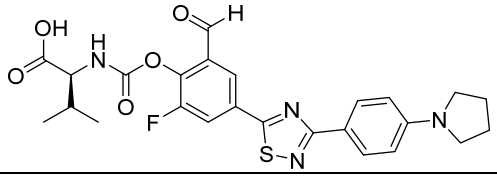
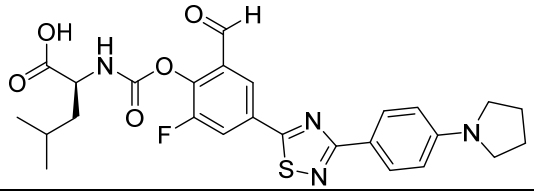
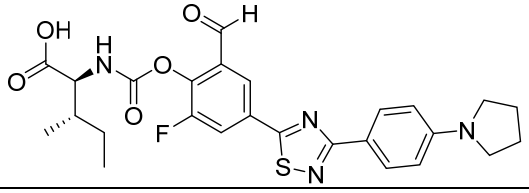
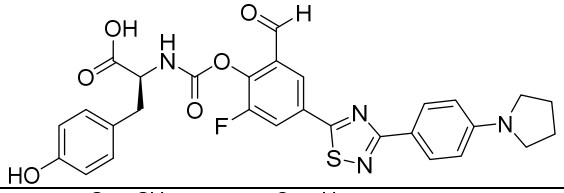
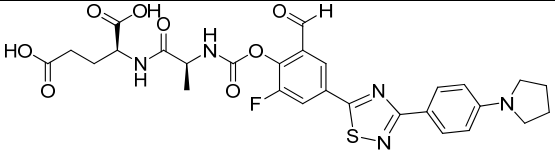
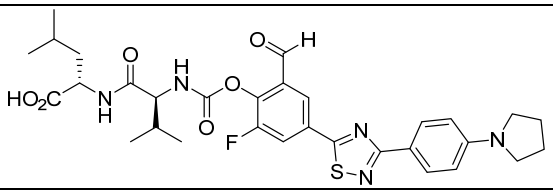
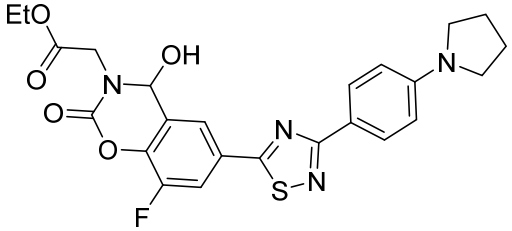
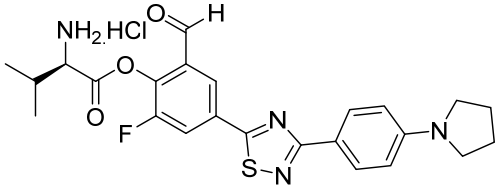
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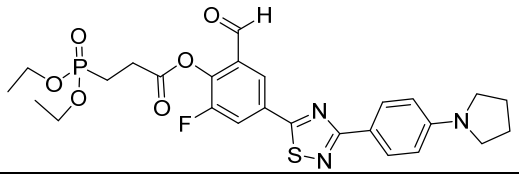
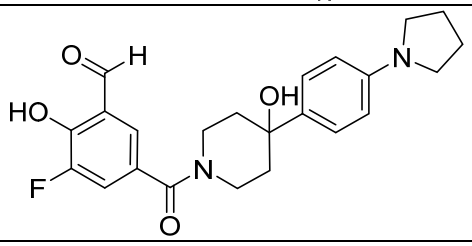
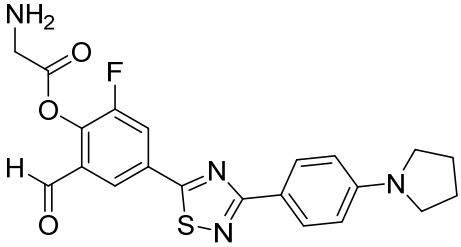
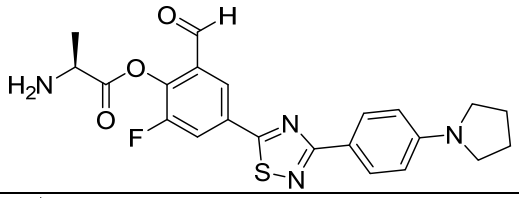
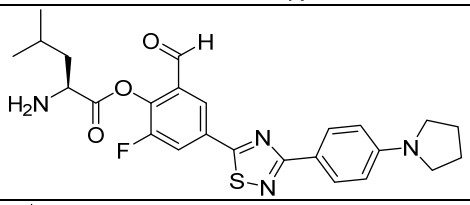
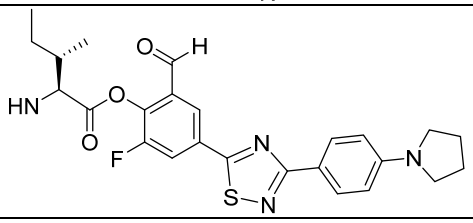
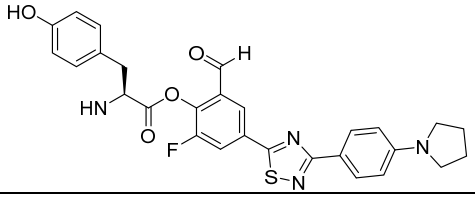
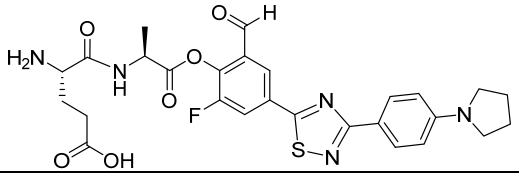
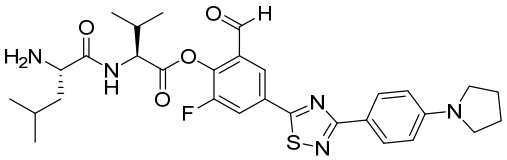
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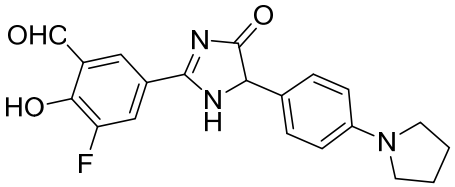
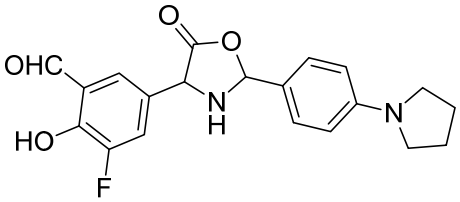
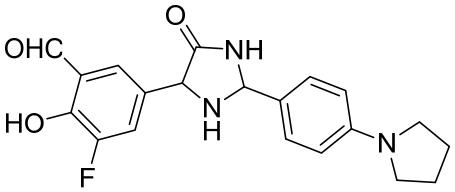
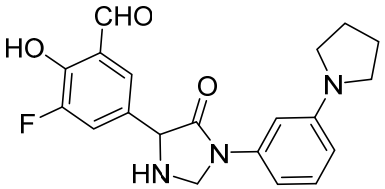
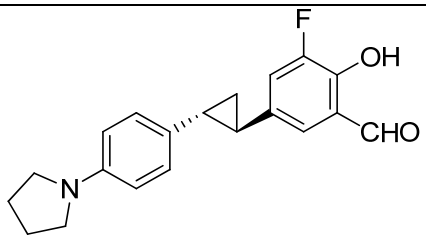
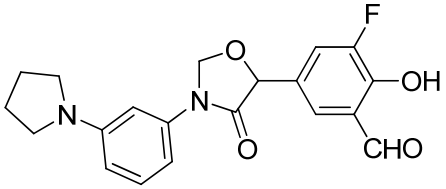
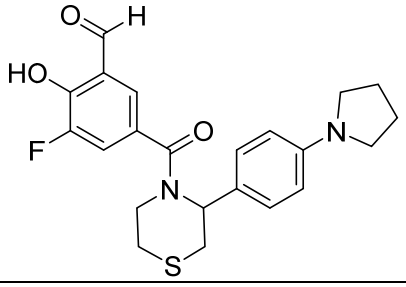
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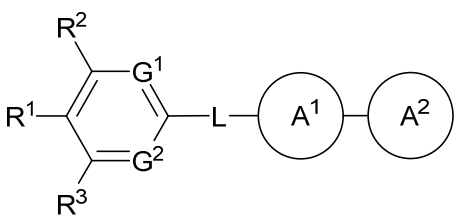
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40. A compound of Formula (I-1):



(I-1),

or a tautomer thereof, or a pharmaceutically acceptable salt of any of the foregoing, wherein

R^1 is R^{1A} and R^2 is R^{2A}, or R^1 is R^{2A} and R^2 is R^{1A},

wherein R^{1A} is -OH, $-OPO_3H_2$, $-OCH_2OPO_3H_2$, $-OC(O)R^{1A1}$, $-OC(O)OR^{1A1}$, $-OC(O)NHR^{1A1}$, or $-OC(O)NR^{1A1}R^{1A2}$,

wherein R^{1A1} and R^{1A2} are each independently hydrogen, optionally substituted alkyl, optionally substituted alkenyl, optionally substituted alkynyl, optionally substituted cycloalkyl, optionally substituted cycloalkenyl, optionally substituted aryl, optionally substituted heterocyclyl, optionally substituted heteroaryl, or $-O_{0\text{-}1}(CH_2)_mO(CH_2)_nOH$,

wherein m and n are each independently 1 or 2, and

R^{2A} is -CHO or $-CH{=}NR^{2A1}$,

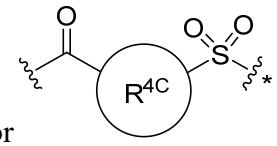
wherein R^{2A1} is optionally substituted heterocyclyl, optionally substituted alkyl, optionally substituted alkenyl, optionally substituted alkynyl, $-NR^{2A1A}C(O)R^{2A1B}$, $-NR^{2A1A}S(O)_2R^{2A1B}$, $-NR^{2A1A}R^{2A1B}$, $-OR^{2A1A}$, or $-NR^{2A1A}C(NR^{2A1B})NR^{2A1C}R^{2A1D}$, and

wherein R^{2A1A}, R^{2A1B}, R^{2A1C}, and R^{2A1D} are each independently hydrogen, optionally substituted alkyl, optionally substituted cycloalkyl, or optionally substituted heteroaryl;

R^3 is halo, hydrogen, optionally substituted alkyl, or optionally substituted alkoxy;

G^1 and G^2 are each independently CH or N;

L is a bond, -C(O)NH-*, -NHC(O)-*, $-C(R^{4A})(R^{4B})NHC(O)$-*, -C(O)-, $-S(O)_2$-, $-S(O)_2NH$-*,

or 

,

wherein R^{4A} and R^{4B} are each independently hydrogen or optionally substituted alkyl,

R^{4C} is optionally substituted aryl, optionally substituted cycloalkyl, optionally substituted cycloalkenyl, optionally substituted heteroaryl, or optionally substituted heterocyclyl, and

* represents the point of attachment to A^1; and

A^1 and A^2 are each independently optionally substituted aryl, optionally substituted cycloalkyl, optionally substituted cycloalkenyl, optionally substituted heteroaryl, or optionally substituted heterocyclyl;

provided that

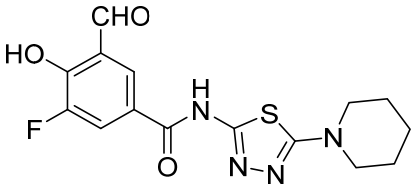
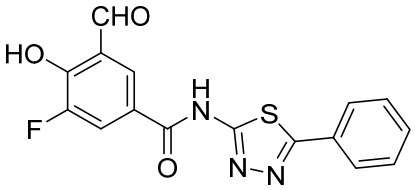
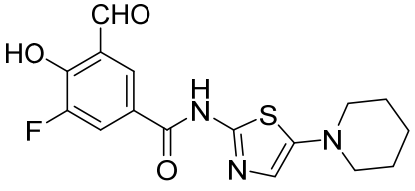
when R^1 is -OH, R^3 is fluoro, L is a bond, and A^1 is optionally substituted 5-membered heteroaryl, then A^2 is not optionally substituted phenyl, optionally substituted pyridinyl, optionally substituted pyrazinyl, or 2,3-dihydrobenzo[b][1,4]dioxin-6-yl;

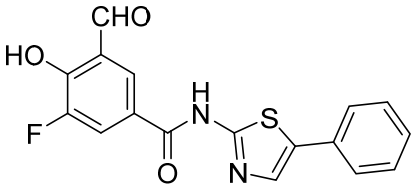
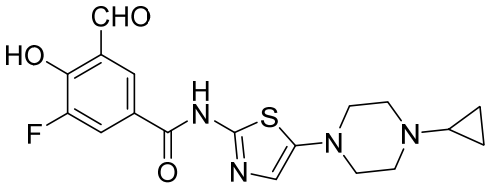
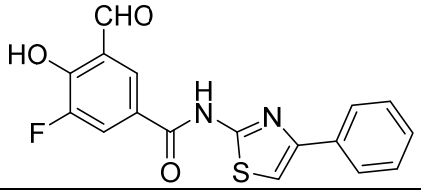
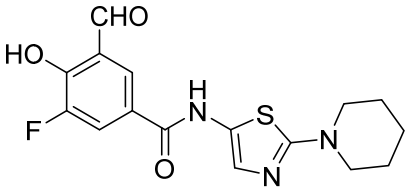
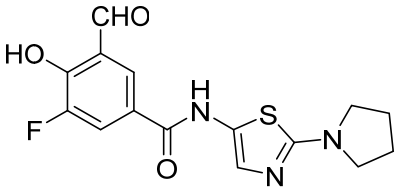
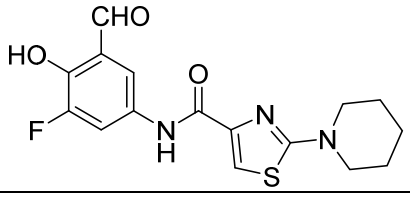
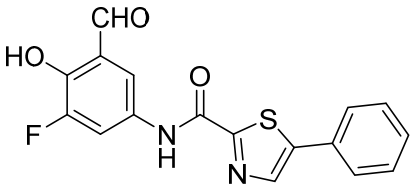
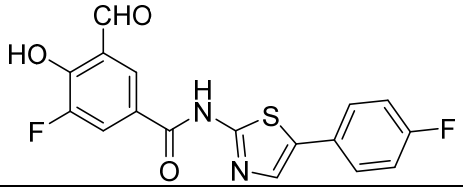
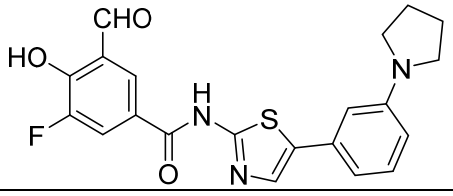
when L is -C(O)NH-*, then A^1 is not optionally substituted phenyl, optionally substituted pyridinyl, or pyrimidinyl;

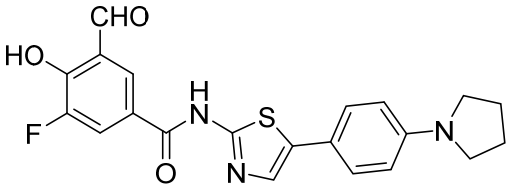
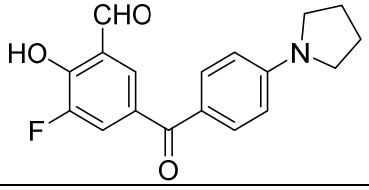
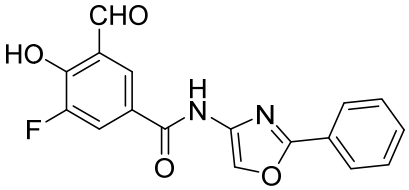
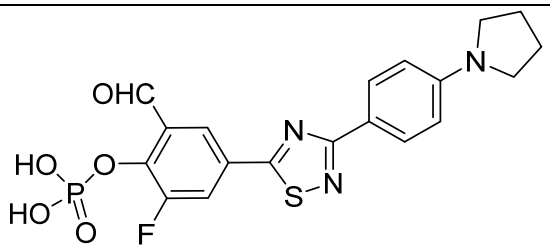
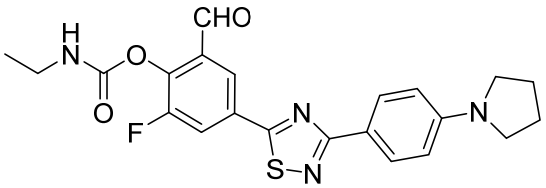
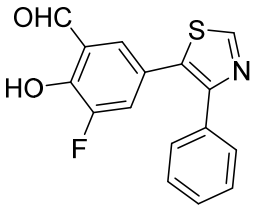
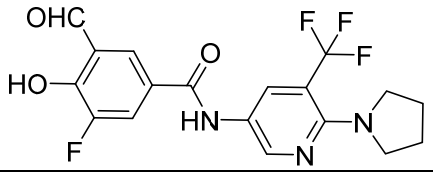
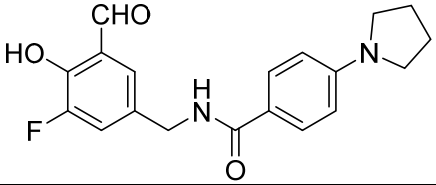
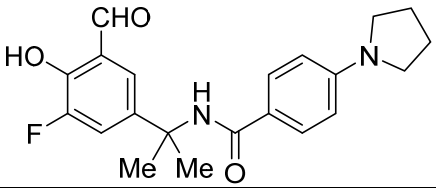
when R^3 is hydrogen, methyl, isobutyl, or methoxy, then L is not a bond; and

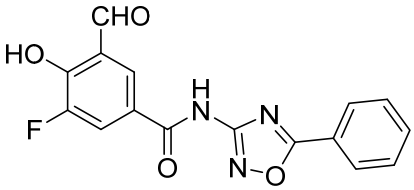
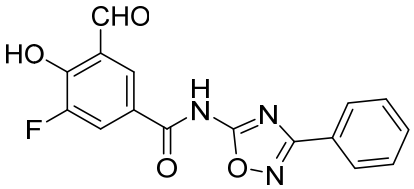
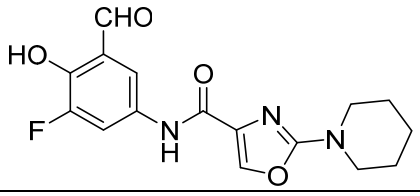
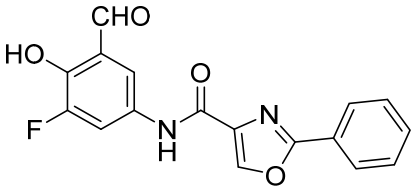
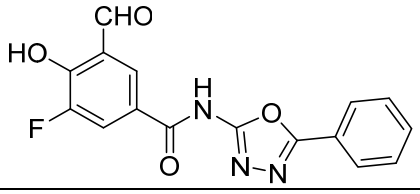
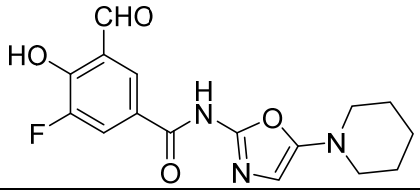
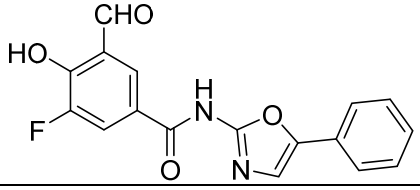
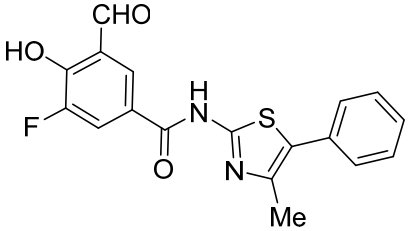
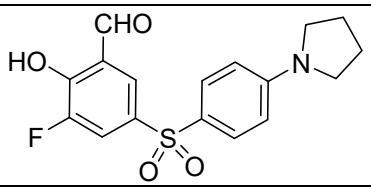
the compound of Formula (I) is not 3-fluoro-5-formyl-4-hydroxy-N-(4-(pyrrolidin-1-yl)phenyl)benzenesulfonamide, 5-(4-(5-fluoropyridin-2-yl)piperazine-1-carbonyl)-2-hydroxy-3-methylbenzaldehyde, 5-(3-(1λ^4,2λ^2,4-triazol-1-yl)azetidine-1-carbonyl)-2-hydroxy-3-methylbenzaldehyde, tert-butyl (3-(1-(3-formyl-4-hydroxybenzoyl)piperidin-4-yl)benzyl)carbamate, or 5-(4-cyclopropyl-3-oxopiperazine-1-carbonyl)-2-hydroxy-3-methylbenzaldehyde, or a salt of any of the foregoing.

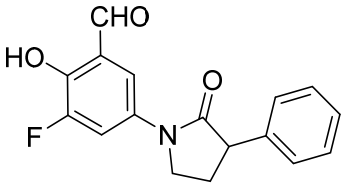
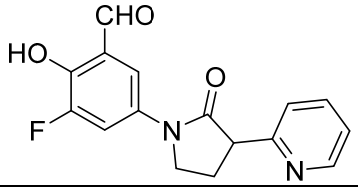
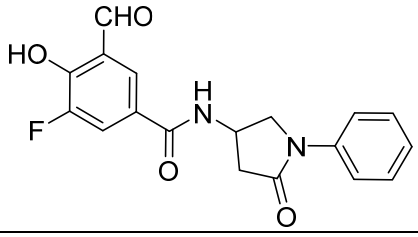
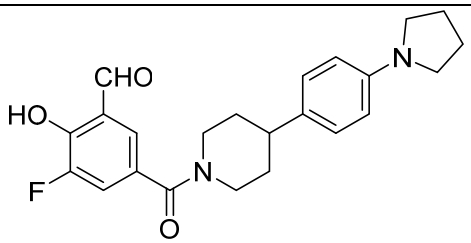
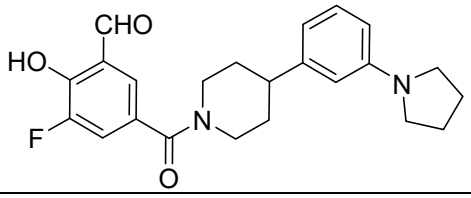
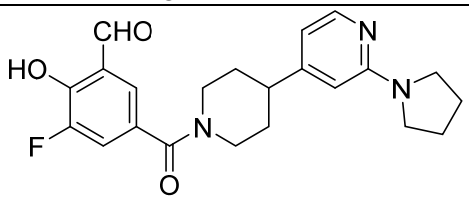
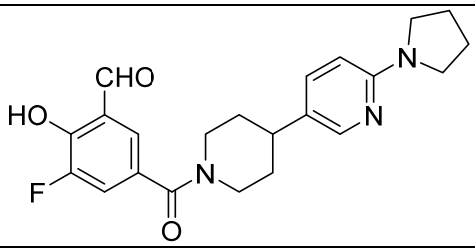
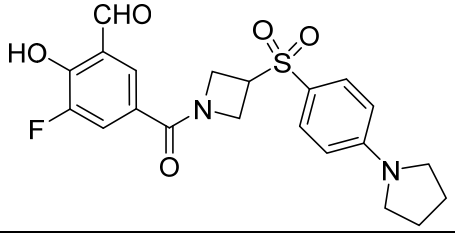
41. The compound of claim 40, or a tautomer thereof, or a pharmaceutically acceptable salt of any of the foregoing, wherein the compound is selected from the group consisting of

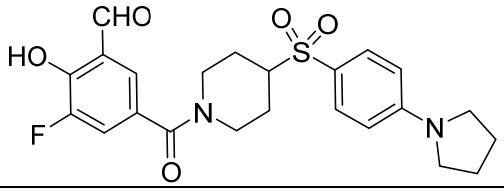
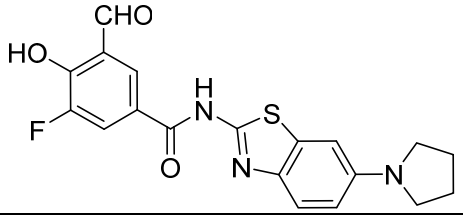
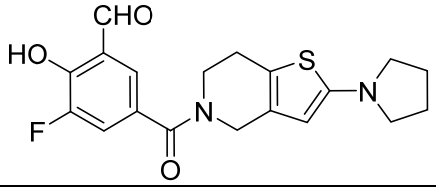
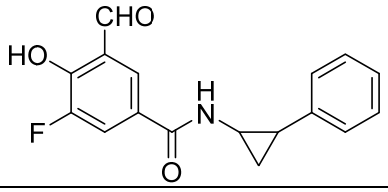
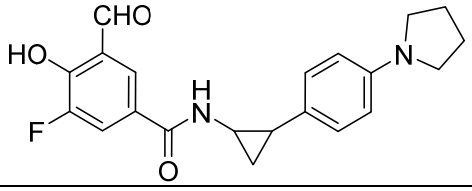
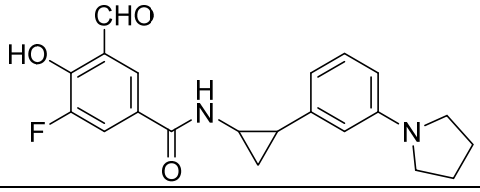
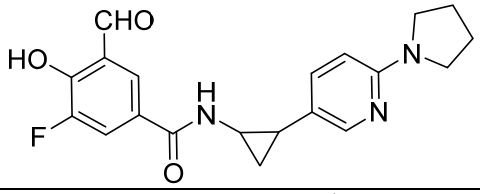
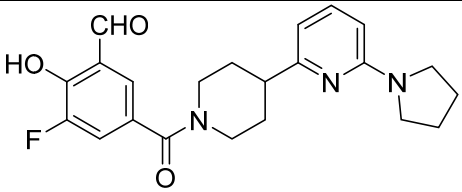
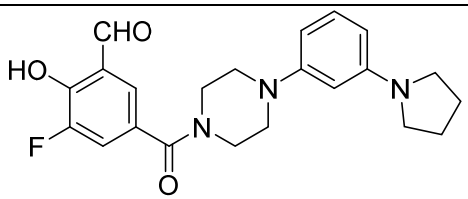
Compound No.	Chemical Structure
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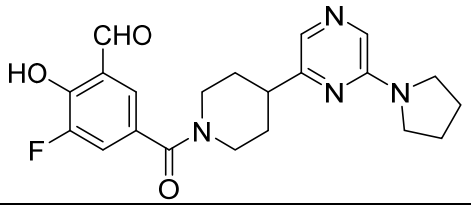
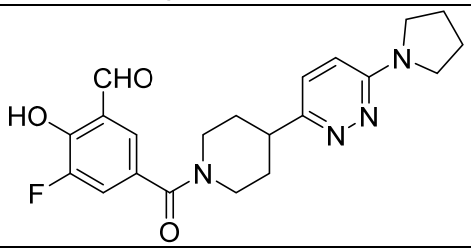
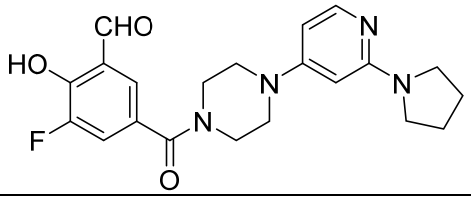
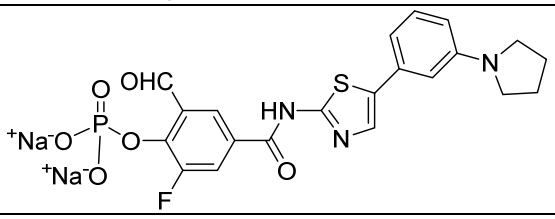
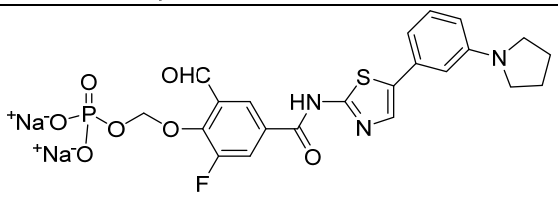
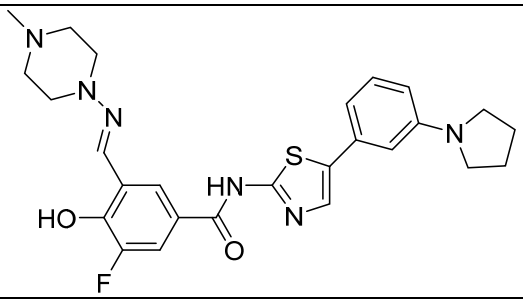
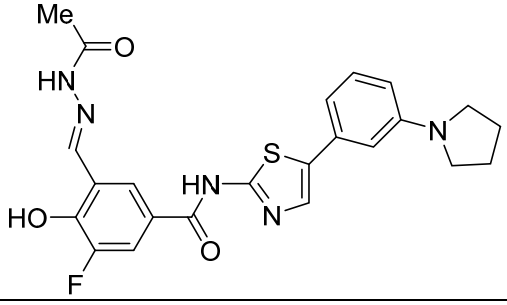
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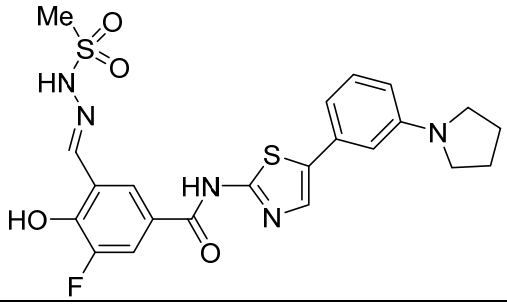
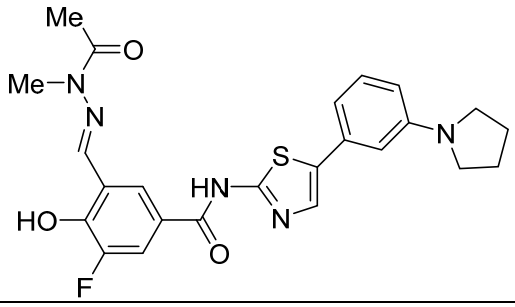
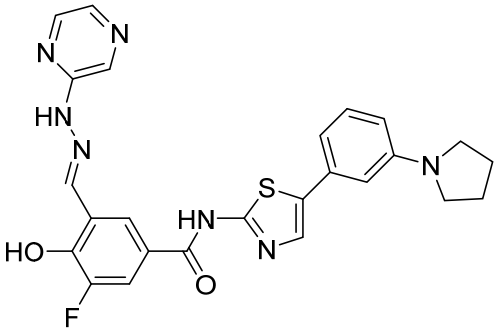
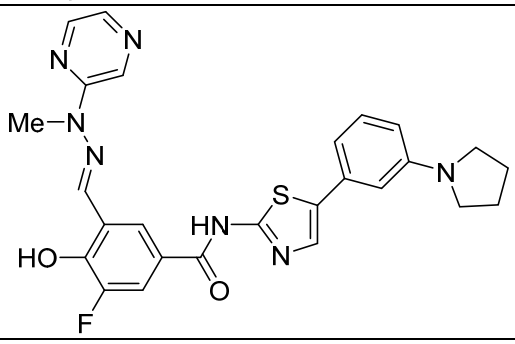
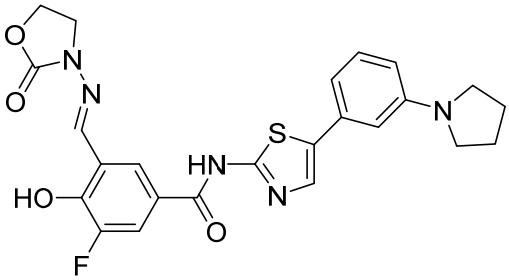
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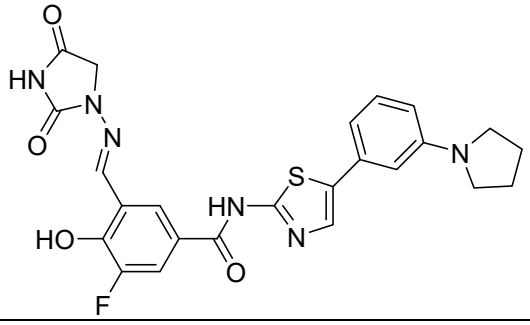
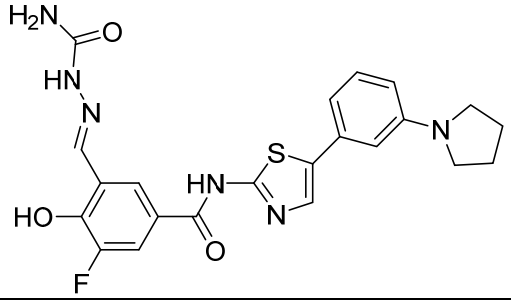
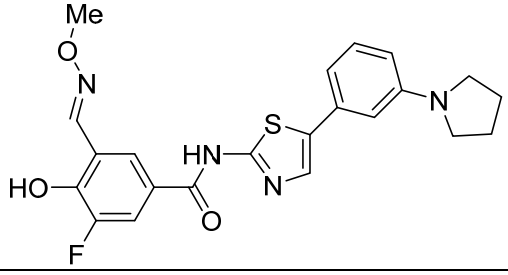
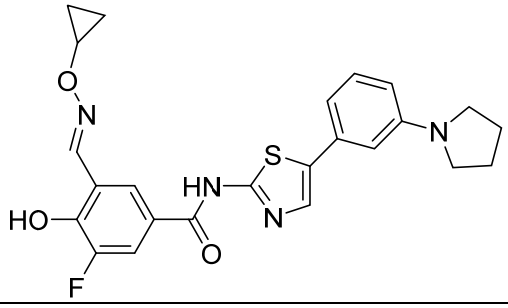
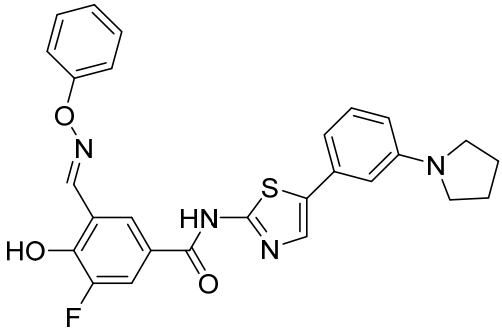
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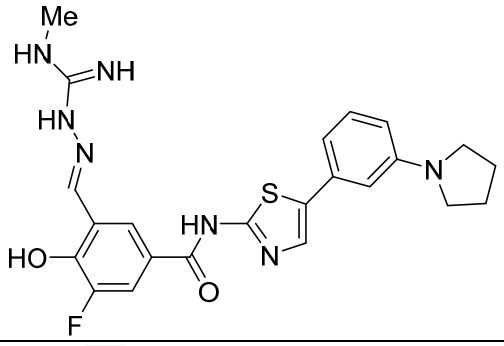
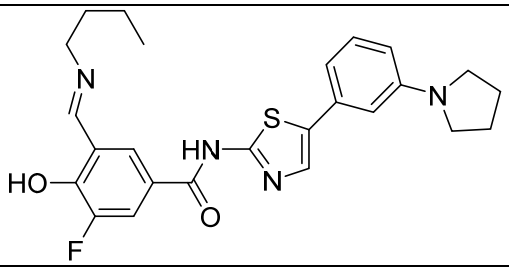
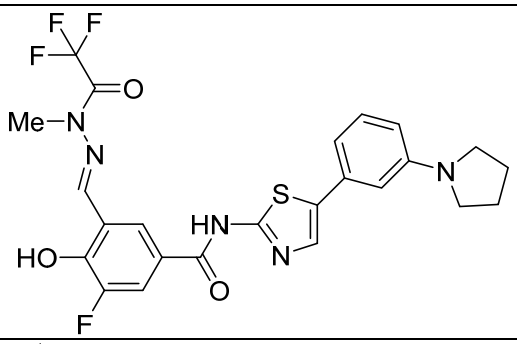
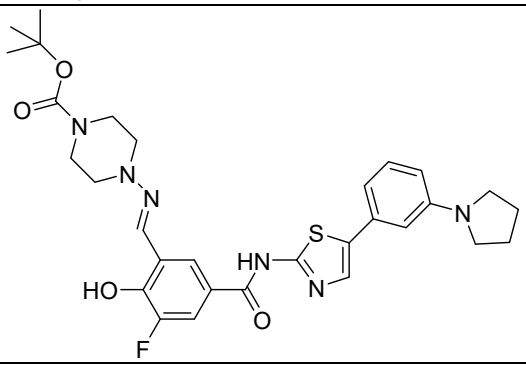
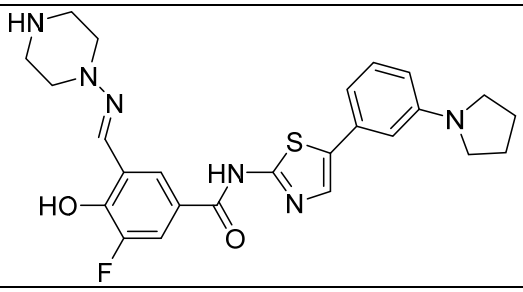
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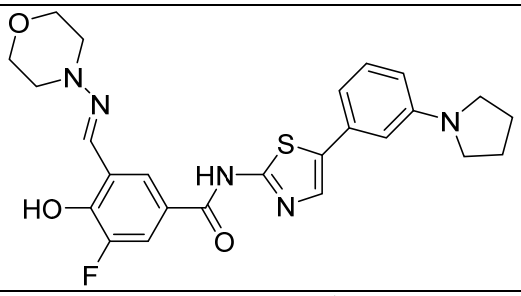
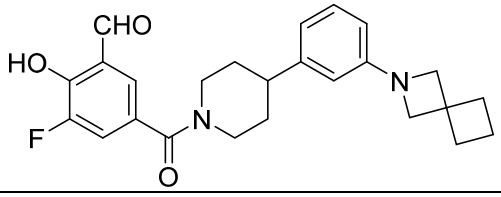
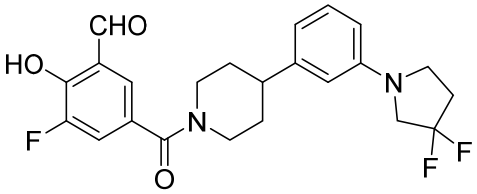
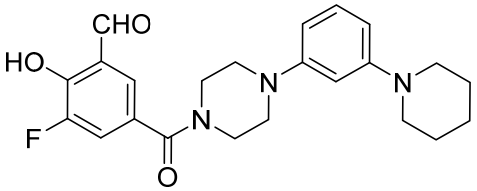
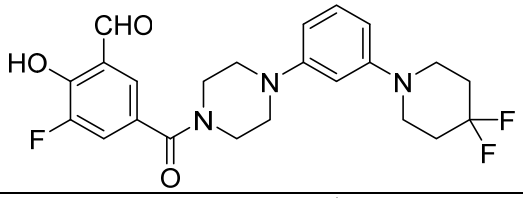
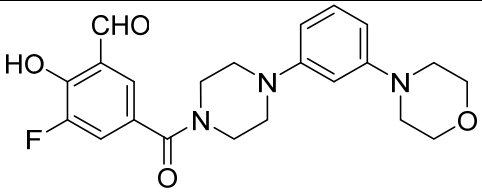
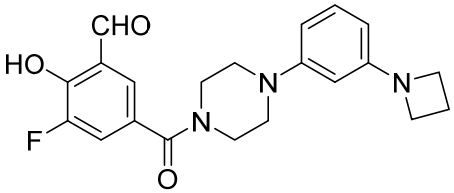
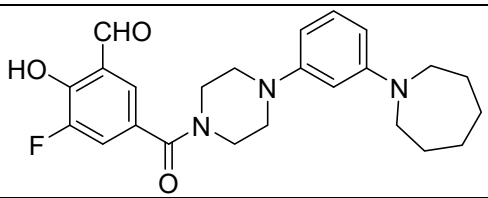
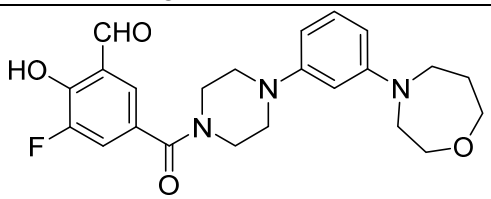
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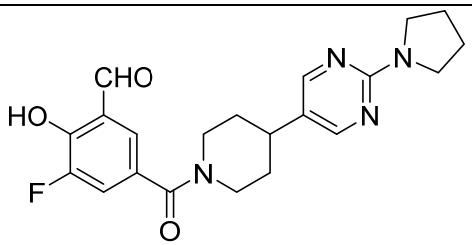
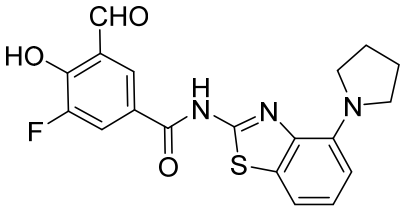
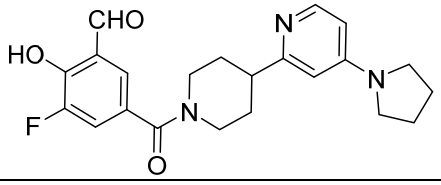
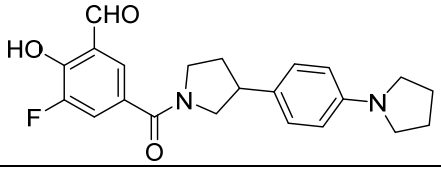
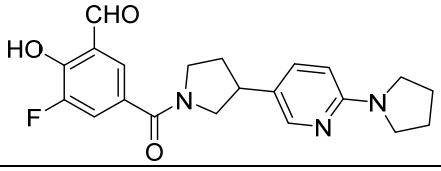
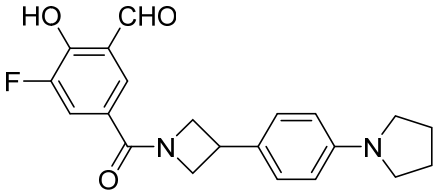
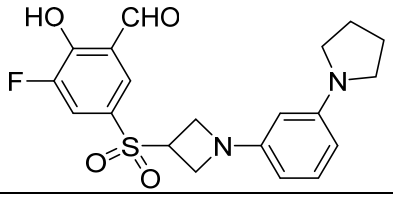
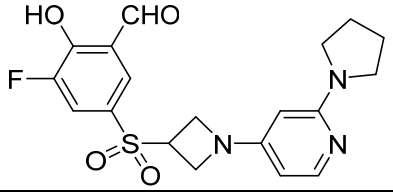
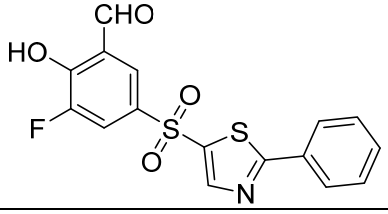
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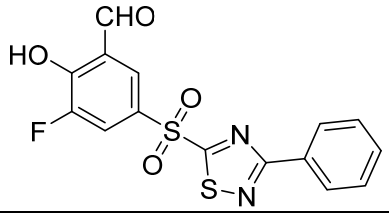
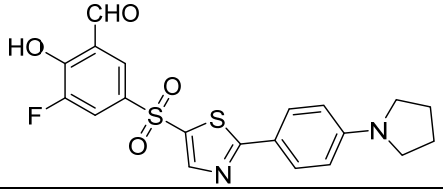
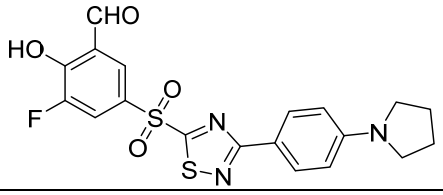
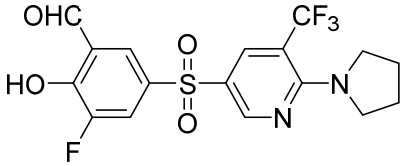
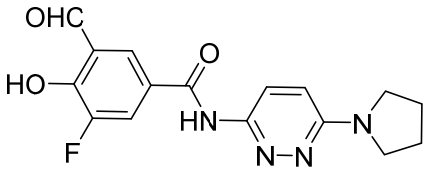
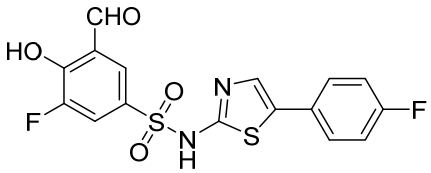
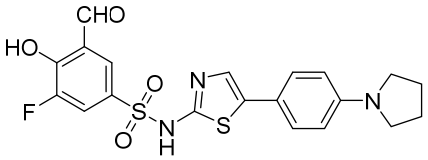
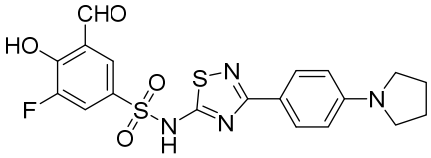
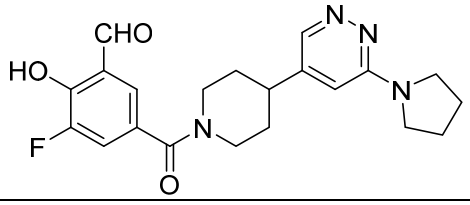
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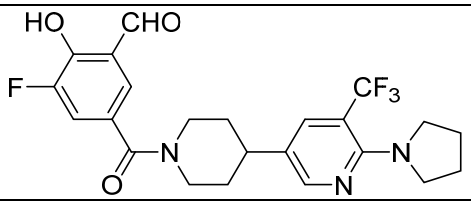
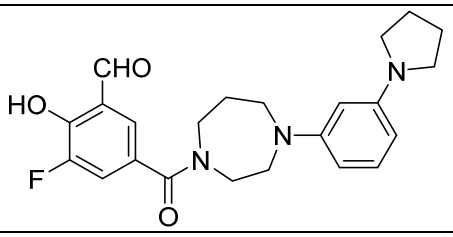
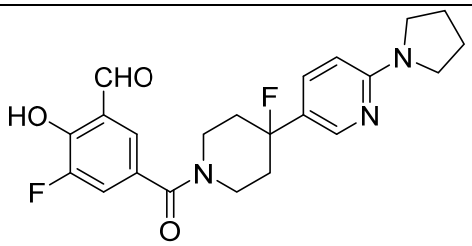
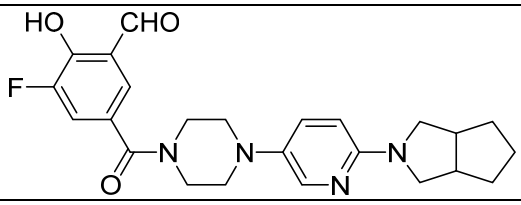
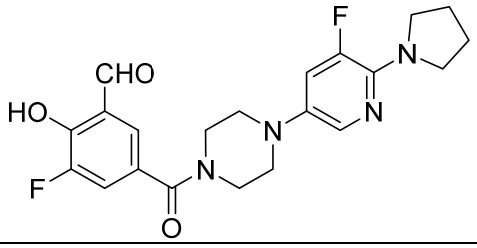
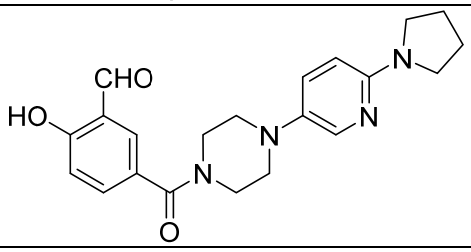
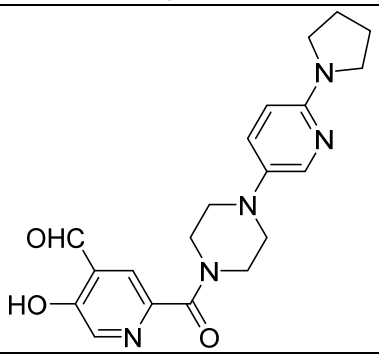
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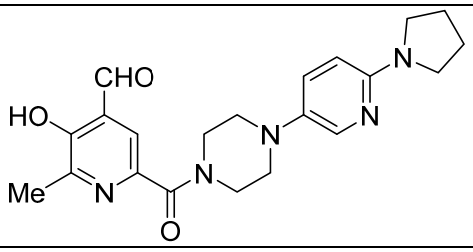
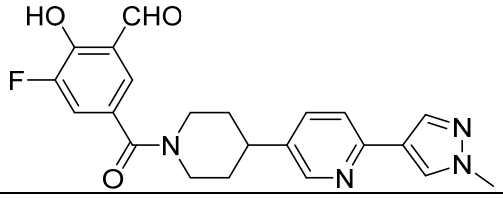
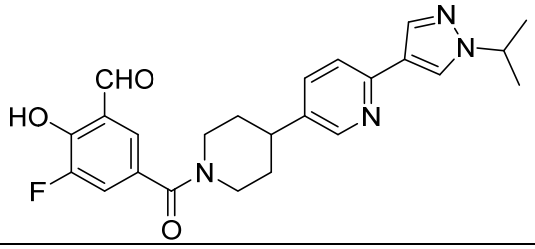
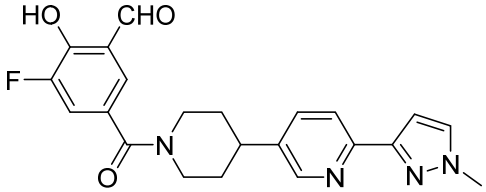
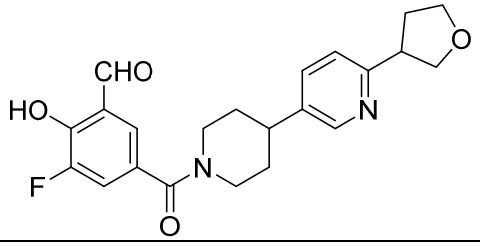
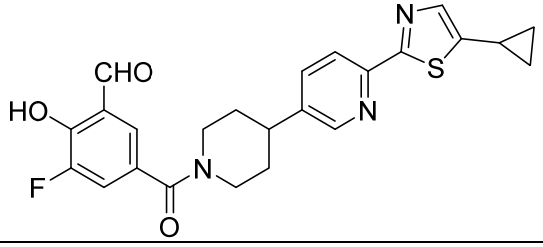
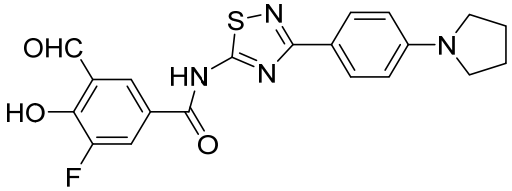
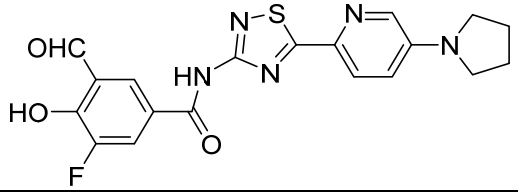
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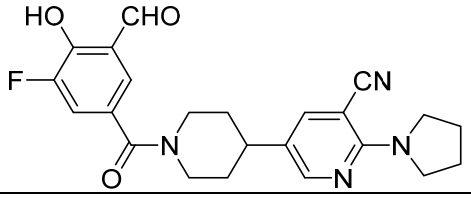
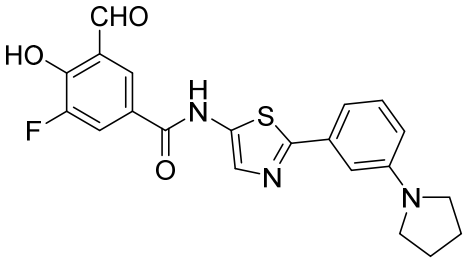
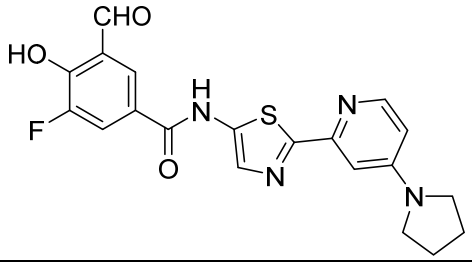
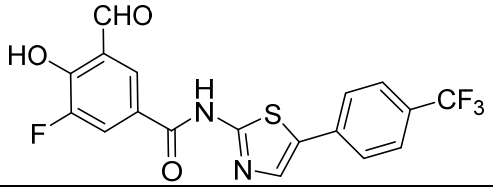
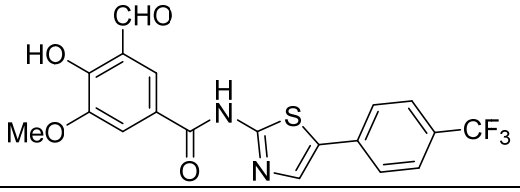
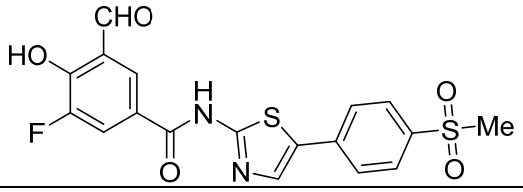
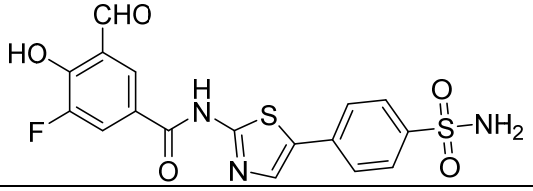
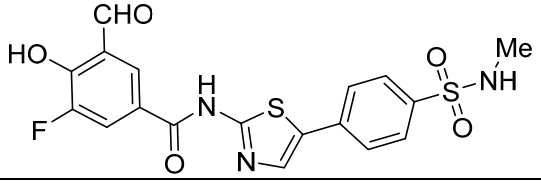
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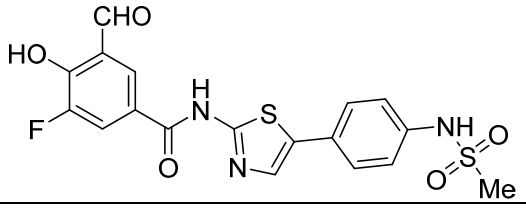
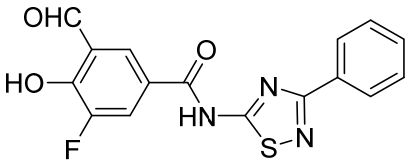
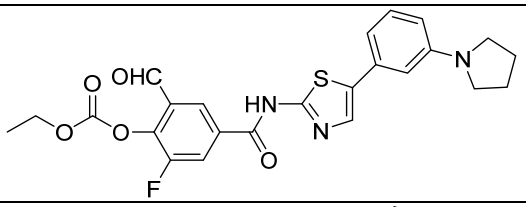
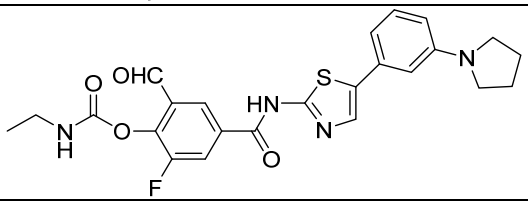
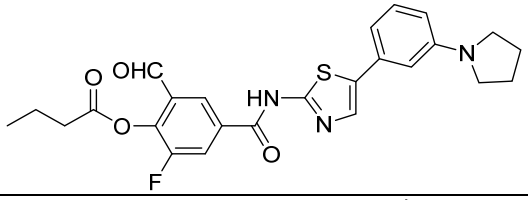
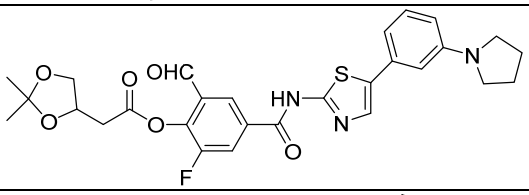
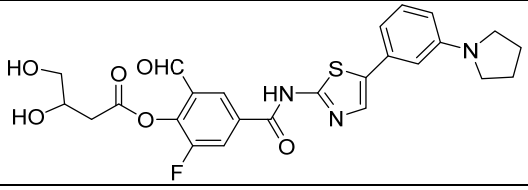
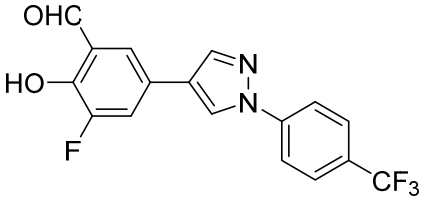
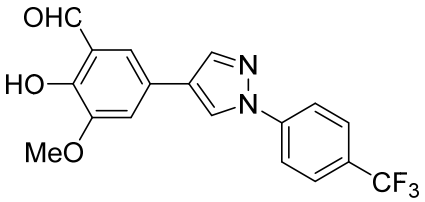
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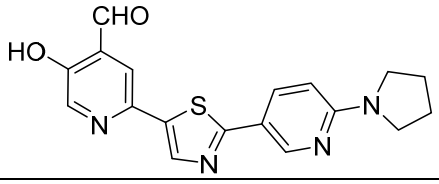
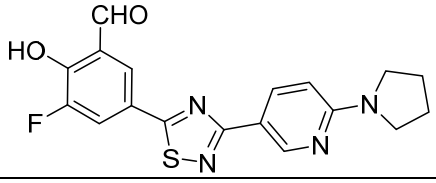
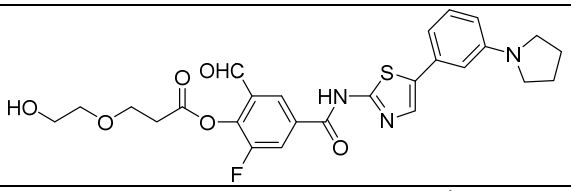
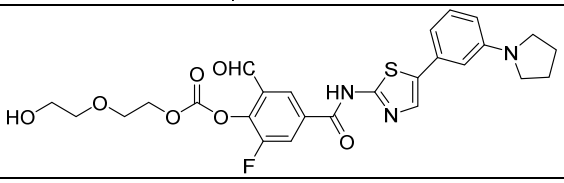
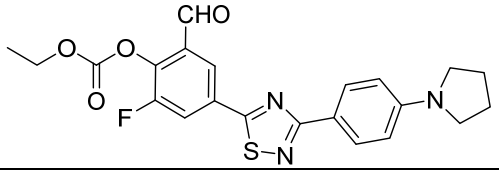
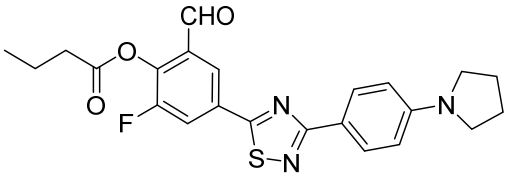
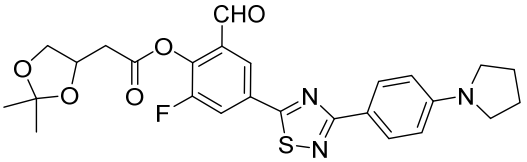
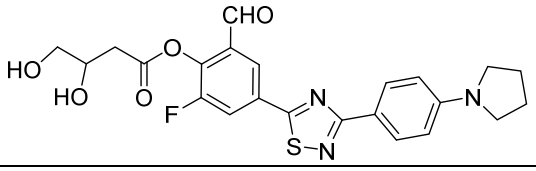
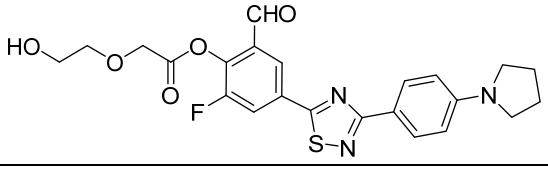
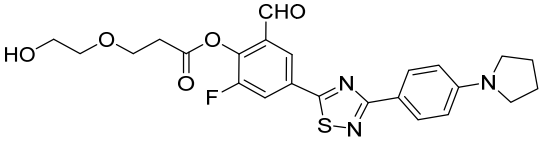
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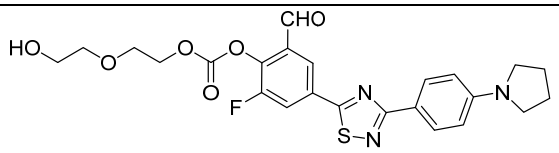
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42. A pharmaceutical composition comprising at least one compound according to any one of claims 1-41, or a tautomer thereof, or a pharmaceutically acceptable salt of any of the foregoing, optionally further comprising a pharmaceutically acceptable excipient.

43. A compound of any one of claims 1-41, or a tautomer thereof, or a pharmaceutically acceptable salt of any of the foregoing, or a pharmaceutical composition of claim 42, for use in the treatment of a disease or condition associated with TLR2 or TLR2 heterodimerization.

44. The compound of claim 43, wherein the disease or condition is selected from the group consisting of: Alzheimer's disease, Parkinson's disease, fronto-temporal dementia, dementia with Lewy bodies (Lewy body disease), Parkinson's disease with dementia, multiple system atrophy, amyotrophic lateral sclerosis, Huntington's disease, Progressive Supranuclear Palsy (PSP), Niemann-Pick disease type C, *Guillain–Barré syndrome* (GBS), Barrett's esophagus, inflammatory diseases, asthma, chronic obstructive pulmonary disease (COPD), chronic peptic ulcers, irritable bowel disease, tuberculosis, rheumatoid arthritis, osteoarthritis, chronic sinusitis, hepatitis, hepatitis B, hepatitis C, gout, lupus, pleurisy, eczema, gastritis, psoriasis, psoriatic arthritis, vasculitis, laryngitis, allergic reactions, multiple sclerosis, Crohn's disease, traumatic brain injury, CIDP (chronic inflammatory demyelinating polyneuropathy), stroke, ischemic heart disease, atopic dermatitis, acne vulgaris, rosacea, non-alcoholic fatty liver disease, non-alcoholic steatohepatisis, corneal wounds, corneal disorders, corneal HSV, Stargardt disease (Juvenile macular degeneration), age-related macular degeneration, sepsis, diabetic wounds, herpes simplex virus, and anti-fungal, anti-bacterial, anitviral and antitumor diseases or conditions.

45. Use of at least one compound of any one of claims 1-41, or a tautomer thereof, or a pharmaceutically acceptable salt of any of the foregoing, or a pharmaceutical composition of claim 42, in the manufacture of a medicament for the treatment of a disease or condition associated with TLR2 or TLR2 heterodimerization.

46. The use of claim 45, wherein the disease or condition is selected from the group consisting of: Alzheimer's disease, Parkinson's disease, fronto-temporal dementia, dementia with Lewy bodies (Lewy body disease), Parkinson's disease with dementia, multiple system atrophy, amyotrophic lateral sclerosis, Huntington's disease, Progressive Supranuclear Palsy (PSP), Niemann-Pick disease type C, *Guillain–Barré syndrome* (GBS), Barrett's esophagus, inflammatory diseases, asthma, chronic obstructive pulmonary disease (COPD), chronic peptic ulcers, irritable bowel disease, tuberculosis, rheumatoid arthritis, osteoarthritis, chronic sinusitis, hepatitis, hepatitis B, hepatitis C, gout, lupus, pleurisy, eczema, gastritis, psoriasis, psoriatic arthritis, vasculitis, laryngitis, allergic reactions, multiple sclerosis, Crohn's disease, traumatic brain injury, CIDP (chronic inflammatory demyelinating polyneuropathy), stroke, ischemic heart disease, atopic dermatitis, acne vulgaris, rosacea, non-alcoholic fatty liver disease, non-alcoholic steatohepatisis, corneal wounds, corneal disorders, corneal HSV, Stargardt disease (Juvenile macular degeneration), age-related macular degeneration, sepsis, diabetic wounds, herpes simplex virus, and anti-fungal, anti-bacterial, antiviral and antitumor diseases or conditions.

47. A method of interfering with the heterodimerization of TLR2 in a cell, or modulating, preventing, slowing, reversing, or inhibiting TLR2 heterodimerization in a cell, comprising contacting the cell with an effective amount of at least one compound according to any one of claims 1-41, or a tautomer thereof, or a pharmaceutically acceptable salt of any of the foregoing, and/or with at least one pharmaceutical composition according to claim 42, wherein the contacting is *in vitro*, or *ex vivo*.

48. A method of inhibiting TLR2 activation in a cell, comprising contacting the cell with an effective amount of at least one compound according to any one of claims 1-41, or a tautomer thereof, or a pharmaceutically acceptable salt of any of the foregoing, and/or with at least one pharmaceutical composition according to claim 42, wherein the contacting is *in vitro*, or *ex vivo*.

49. A compound of any one of claims 1-41, or a tautomer thereof, or a pharmaceutically acceptable salt of any of the foregoing, or a pharmaceutical composition of claim 42, for use in the treatment of a disease or condition associated with inhibition of TLR9.

50. The compound of claim 49, wherein the disease or condition is central nervous system (CNS) or peripheral disorder.

51. The compound of claim 49 or claim 50, wherein the disease or condition is Parkinson's disease, Amyotrophic lateral sclerosis, Guillain-Barre syndrome, spinal cord injury, multiple sclerosis, multiple forms of tissue injury, chronic pain, or psoriasis.

52. Use of at least one compound of any one of claims 1-41, or a tautomer thereof, or a pharmaceutically acceptable salt of any of the foregoing, or a pharmaceutical composition of claim 42, in the manufacture of a medicament for the treatment of a disease or condition associated with inhibition of TLR9.

53. The use of claim 52, wherein the disease or condition is central nervous system (CNS) or peripheral disorder.

54. The use of claim 52 or claim 53, wherein the disease or condition is Parkinson's disease, Amyotrophic lateral sclerosis, Guillain-Barre syndrome, spinal cord injury, multiple sclerosis, multiple forms of tissue injury, chronic pain, or psoriasis.

55. A method of inhibiting TLR9 in a cell, comprising contacting the cell with an effective amount of at least one compound according to any one of claims 1-41, or a tautomer thereof, or a pharmaceutically acceptable salt of any of the foregoing, and/or with at least one pharmaceutical composition according to claim 42, wherein the contacting is *in vitro*, or *ex vivo*.