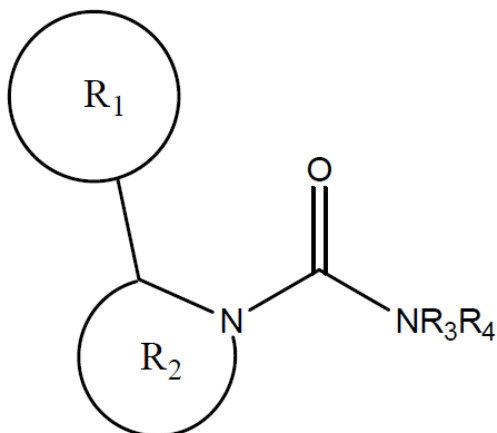


REIVINDICACIONES MODIFICADAS

1. Un compuesto o su sulfonamida, una sal farmacéuticamente aceptable del compuesto o su sulfonamida, un hidrato del compuesto o su sulfonamida, o un estereoisómero del compuesto o su sulfonamida, el compuesto teniendo la estructura:



en donde:

R₁ es un fenilo sustituido o no sustituido, o 2-, 3- o 4- piridilo sustituido o no sustituido, en donde los sustituyentes de R₁ se seleccionan de halógeno y CN;

R₂ es dihidropirazol o isoxazolidina;

R₃ y R₄, junto con el átomo de nitrógeno al que están unidos, están vinculados para formar un anillo heterocicloalquilo de 4 a 6 miembros que contiene el átomo de nitrógeno en donde el anillo heterocicloalquilo de 4-6 miembros formado está fusionado a fenilo, o unido a través de un conector a R₅;

en donde el conector es —CH₂—, —O—, o =CH—;

R₅ es

(a) fenilo sustituido o no sustituido;

(b) 2-, 3- o 4-piridilo sustituido o no sustituido;

(c) naftilo o 3-azanaptilo sustituido o no sustituido;

(d) ciclohexilo o ciclopentilo con 0-3 heteroátomos, sustituido o no sustituido, en donde el heteroátomo se selecciona de N, O y S; o

(e) ciclopenteno o ciclopentadieno con 0-3 heteroátomos, sustituido o no sustituido, en donde el heteroátomo se selecciona de N, O y S;

en donde los sustituyentes de R₅ se seleccionan de halógeno, —R', —OR', =O, —NR'R'', —CO₂R', —CONR'R'', —NR''C(O)R' y —CN, donde R' y R'' se seleccionan

independientemente entre hidrógeno, alquilo (C1-C8) no sustituido y heteroalquilo (C1-C8) no sustituido, en donde el heteroalquilo (C1-C8) tiene al menos un heteroátomo seleccionado de N, O y S.

2. El compuesto de la reivindicación 1 en donde:

R1 es 2-, 3- o 4-piridilo sustituido o no sustituido.

3. El compuesto de la reivindicación 1 en donde:

R1 es fenilo sustituido o no sustituido.

4. El compuesto de la reivindicación 1 en donde:

R1 es fenilo sustituido con flúor.

5. El compuesto de la reivindicación 1 en donde:

R1 es 3,5-difluorofenilo.

6. El compuesto de cualquiera de las reivindicaciones 1 a 5 en donde:

R3 y R4 están unidos, junto con el átomo de nitrógeno al que están unidos, para formar un anillo heterocicloalquilo de 4-6 miembros que contiene el átomo de nitrógeno, en donde el anillo heterocicloalquilo de 4-6 miembros formado está fusionado a fenilo para formar isoindolina.

7. El compuesto de cualquiera de las reivindicaciones 1-6 en donde el conector es -CH₂-.

8. El compuesto de cualquiera de las reivindicaciones 1-6 en donde el conector es -O-.

9. El compuesto de cualquiera de las reivindicaciones 1-6 en donde el conector es =CH-.

10. El compuesto de cualquiera de las reivindicaciones 1-9, en donde:

R5 es: fenilo, ciclohexilo, furano, tiofeno o azol; sustituido o no sustituido.

11. El compuesto de cualquiera de las reivindicaciones 1-9, en donde:

R5 es: fenilo o ciclohexilo; sustituido o no sustituido.

12. El compuesto de cualquiera de las reivindicaciones 1-9, en donde:

R5 es fenilo sustituido o no sustituido.

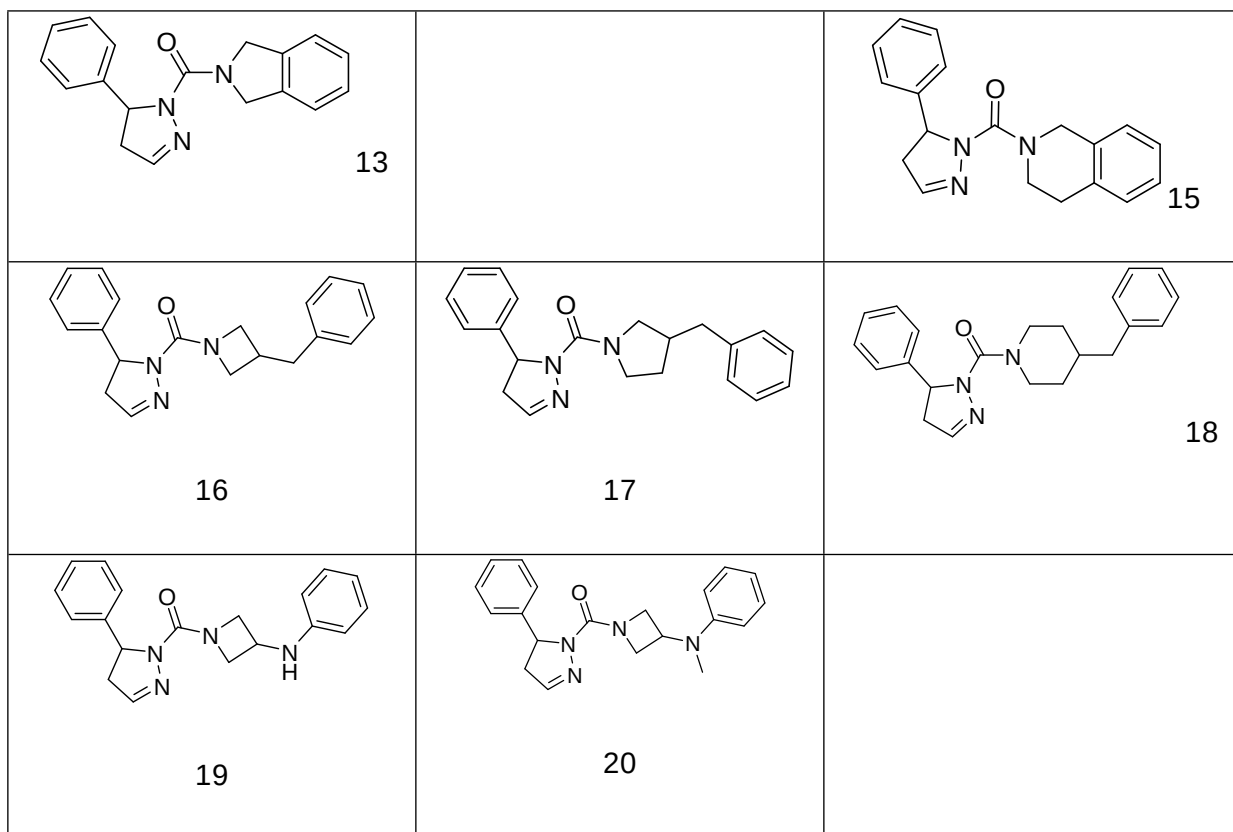
13. El compuesto de cualquiera de las reivindicaciones 1-9, en donde:

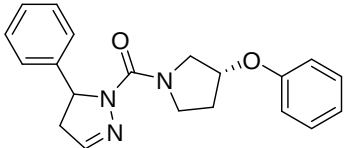
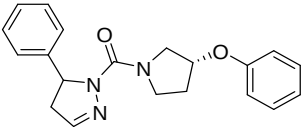
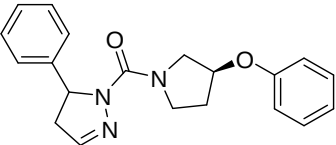
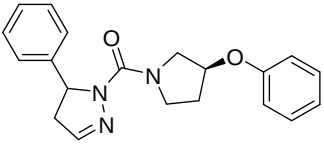
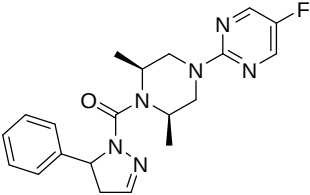
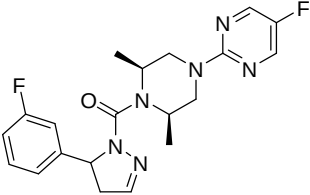
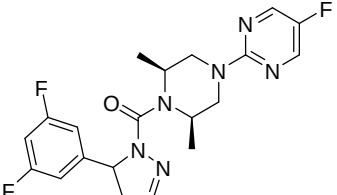
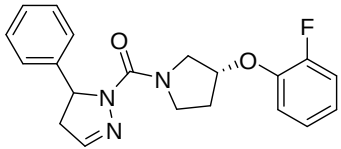
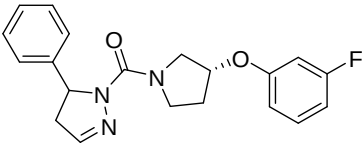
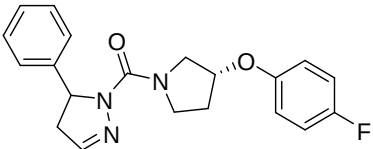
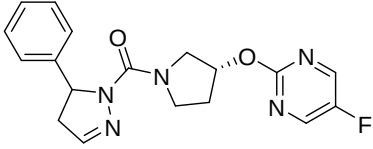
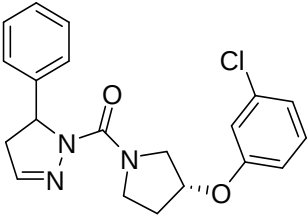
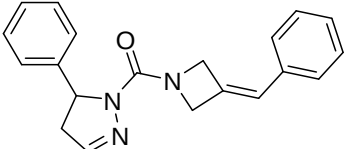
R5 es fenilo sustituido con flúor o no sustituido.

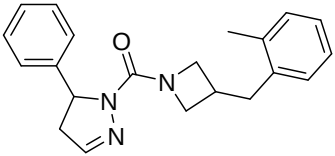
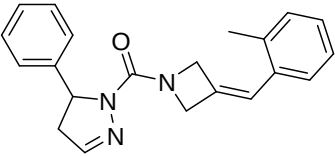
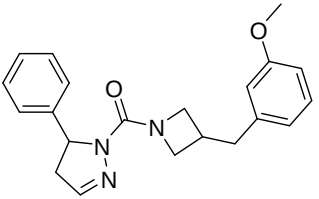
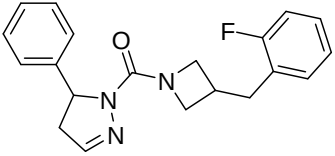
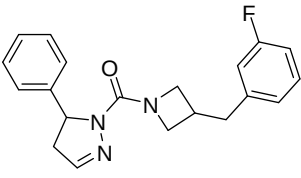
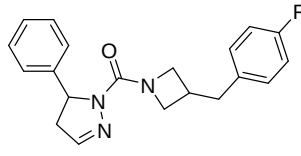
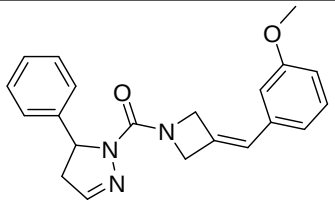
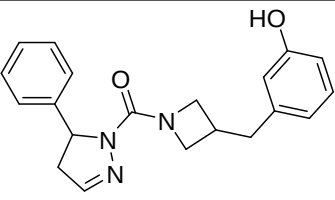
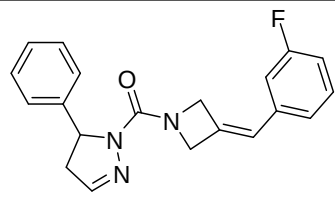
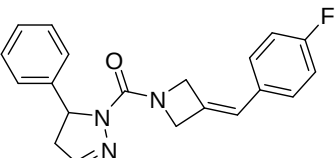
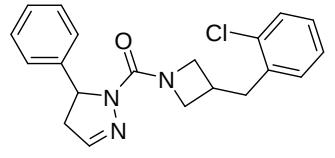
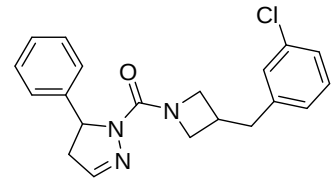
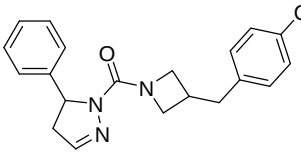
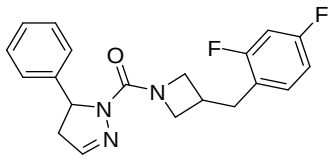
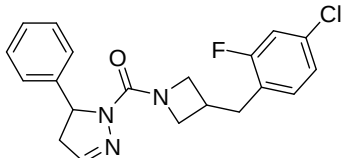
14. El compuesto de cualquiera de las reivindicaciones 1-9, donde:

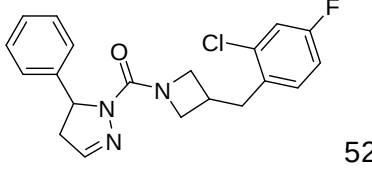
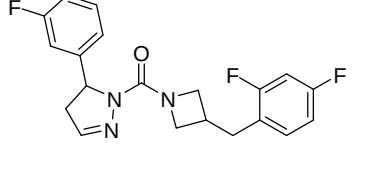
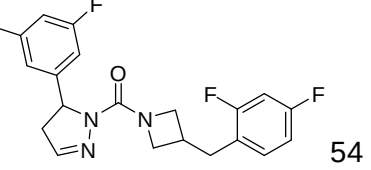
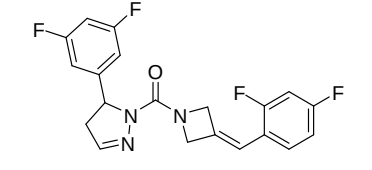
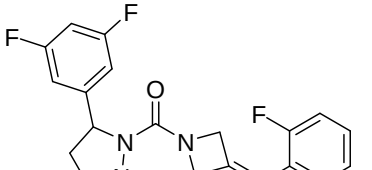
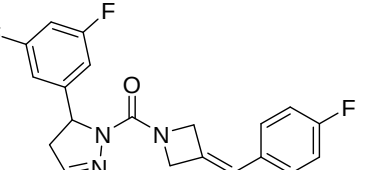
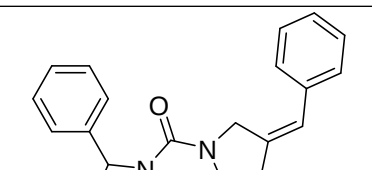
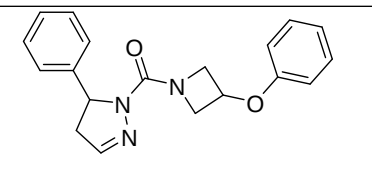
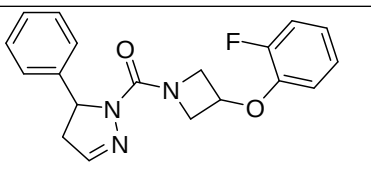
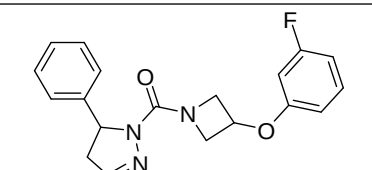
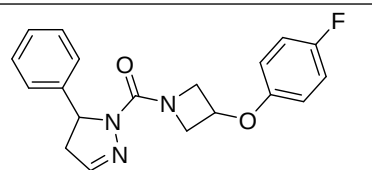
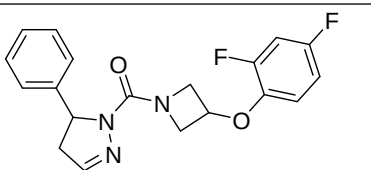
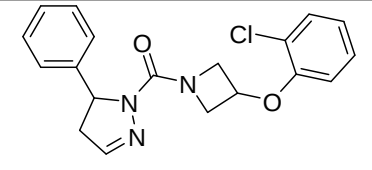
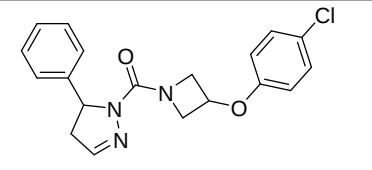
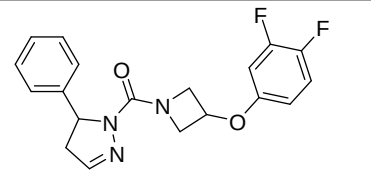
R5 es 3,5-difluorofenilo.

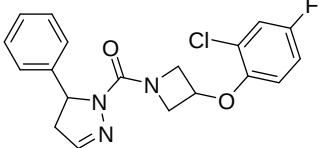
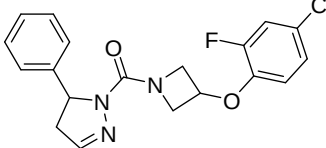
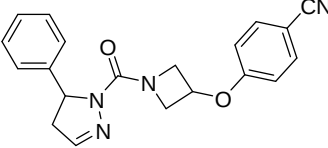
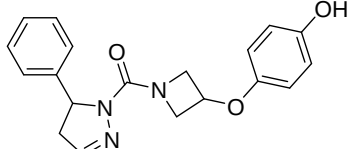
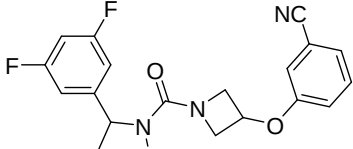
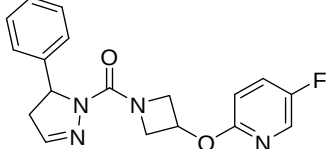
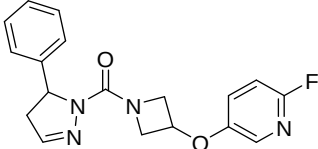
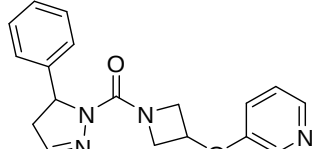
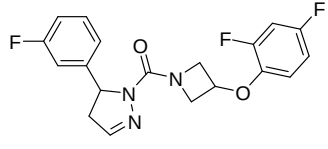
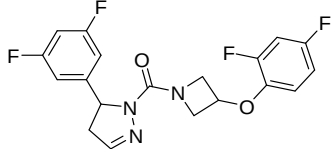
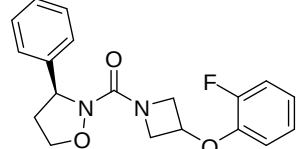
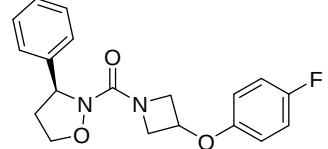
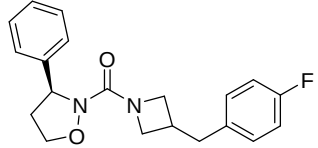
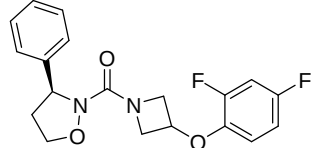
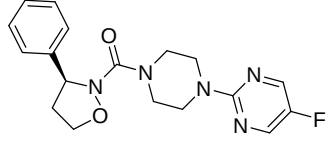
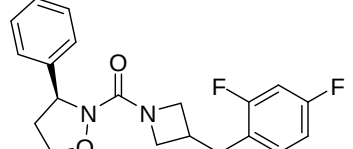
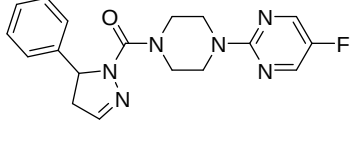
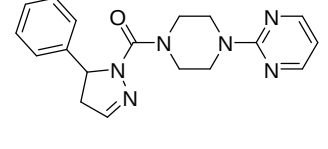
15. Un compuesto o su sulfonamida, una sal farmacéuticamente aceptable del compuesto o de su sulfonamida, un hidrato del compuesto o de su sulfonamida, o un estereoisómero del compuesto o de su sulfonamida, donde el compuesto comprende una estructura de cualquiera de las siguientes estructuras:

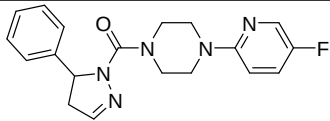
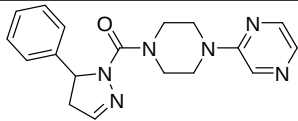
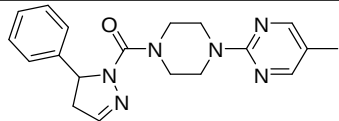
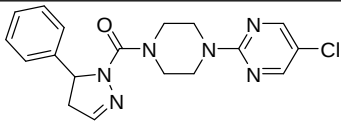
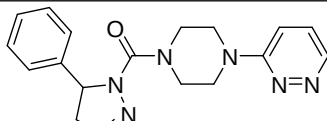
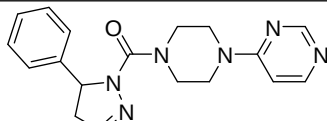
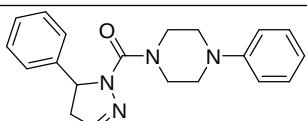
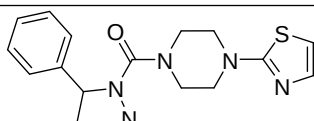
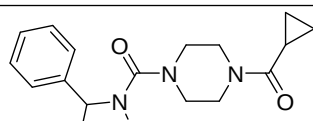
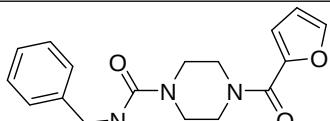
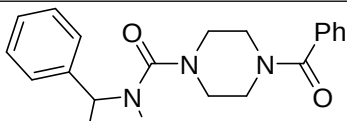
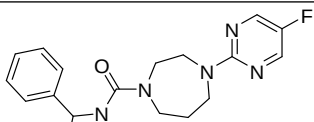
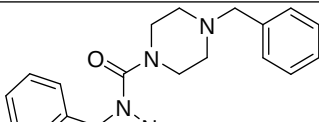
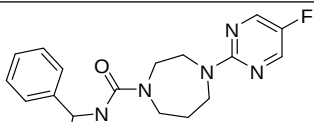
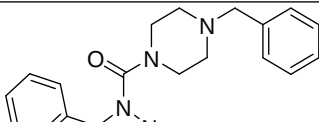
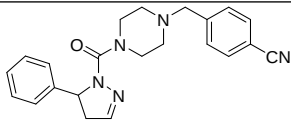


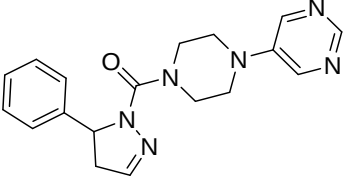
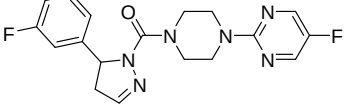
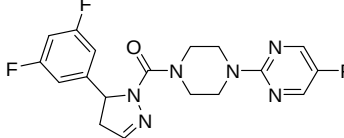
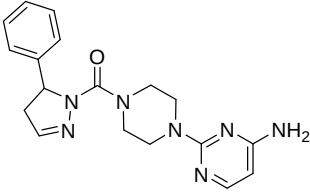
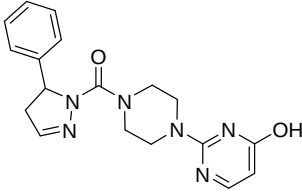
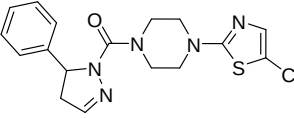
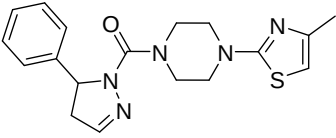
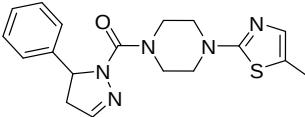
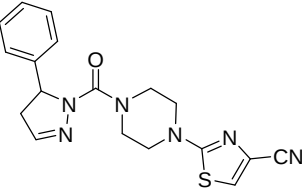
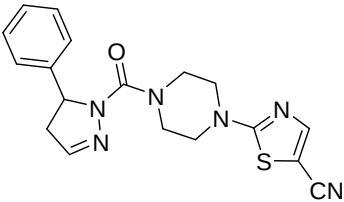
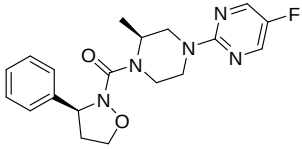
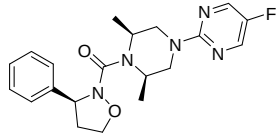
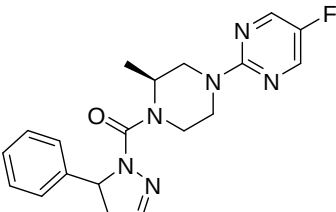
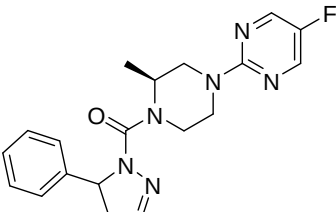
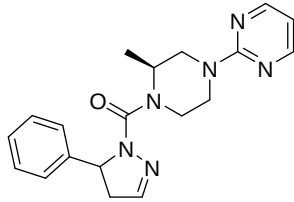
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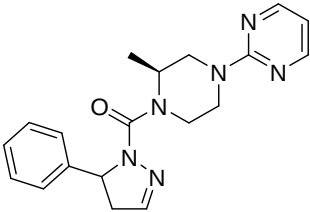
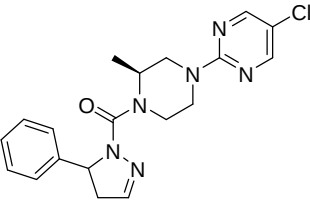
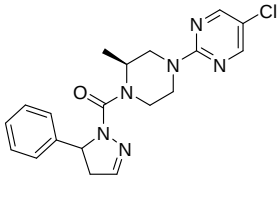
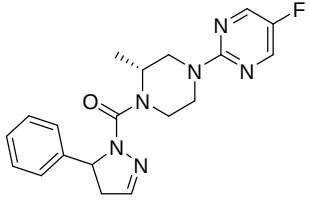
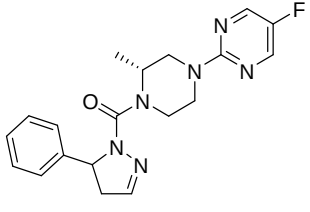
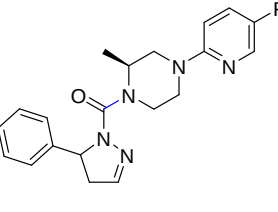
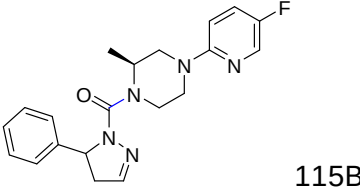
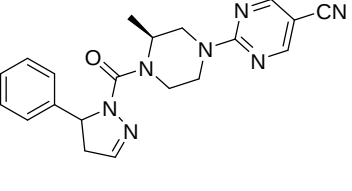
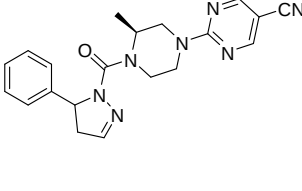
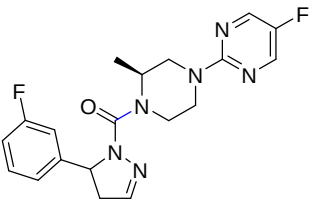
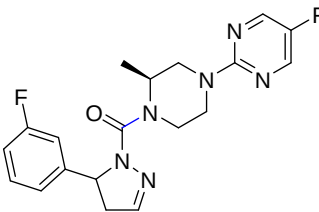
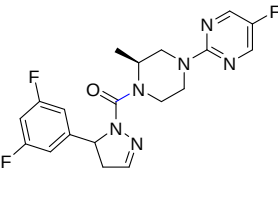
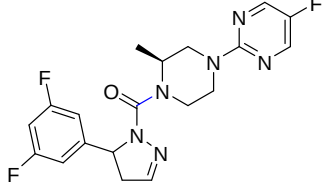
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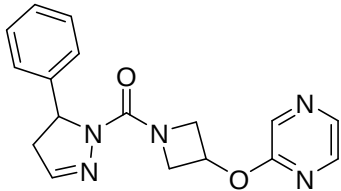
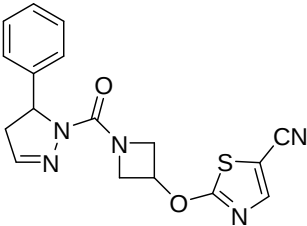
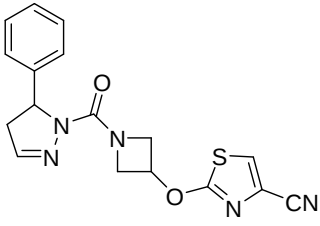
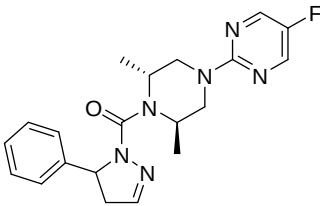
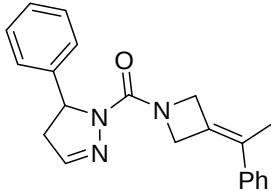
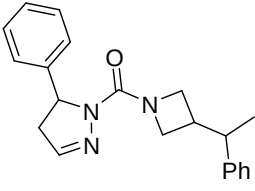
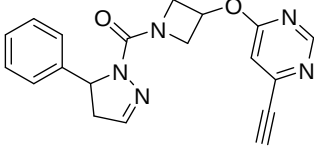
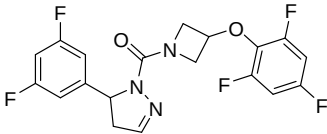
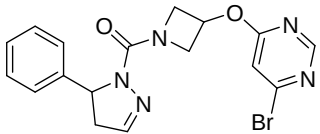
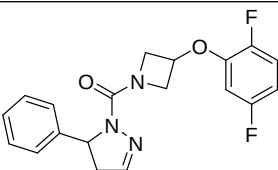
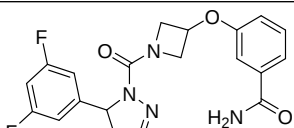
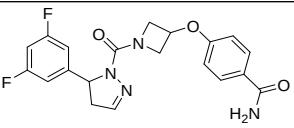
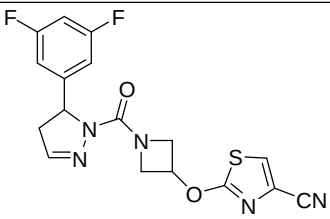
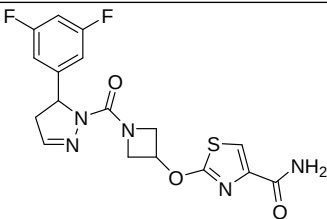
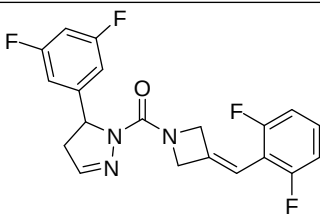
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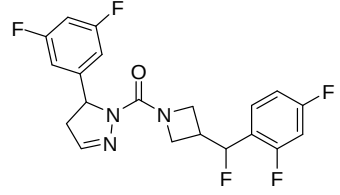
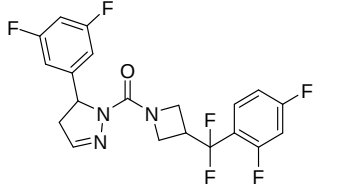
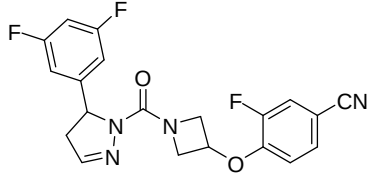
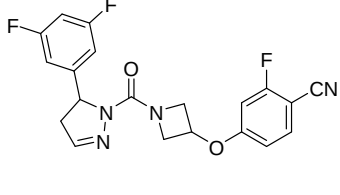
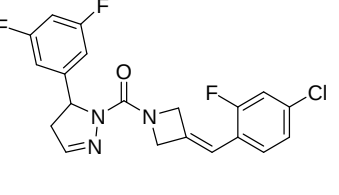
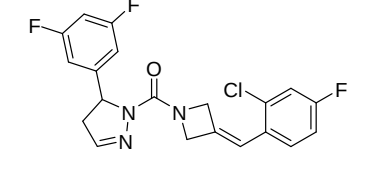
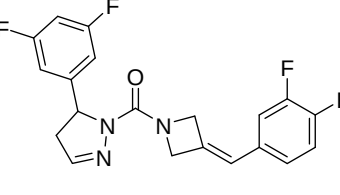
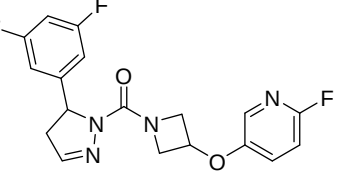
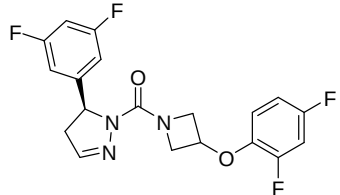
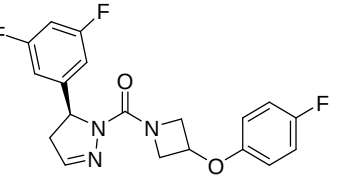
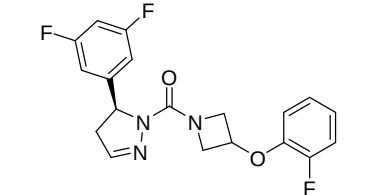
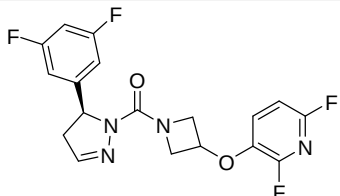
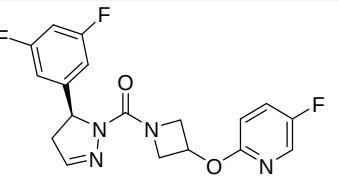
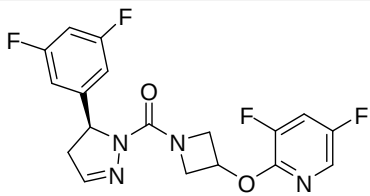
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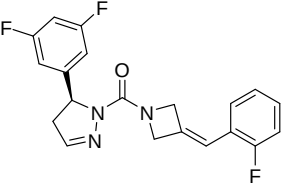
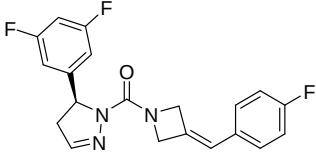
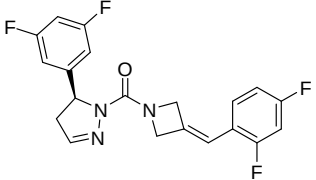
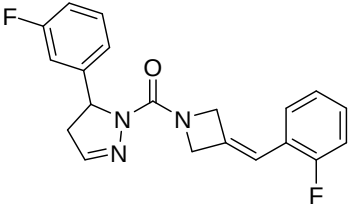
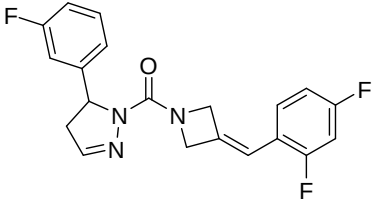
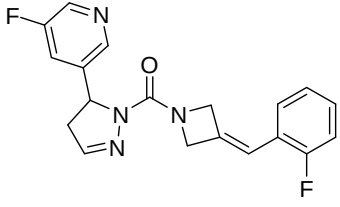
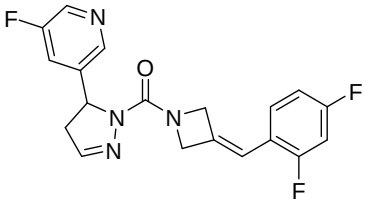
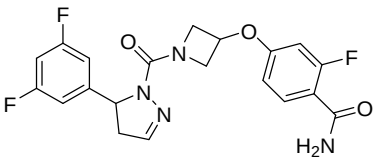
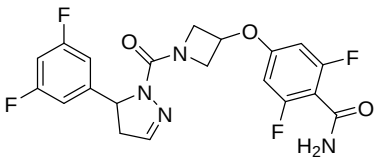
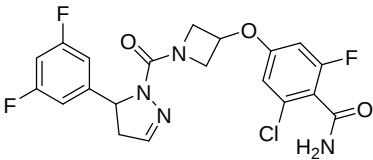
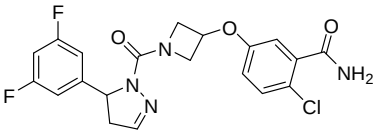
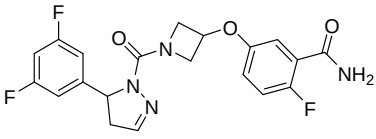
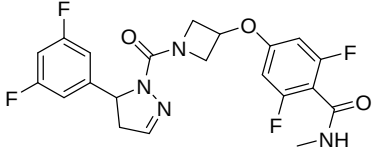
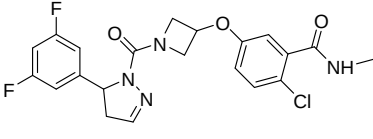
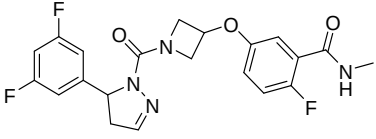
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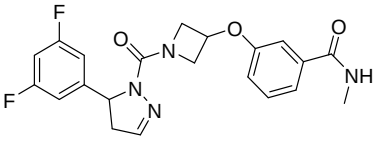
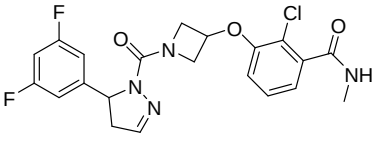
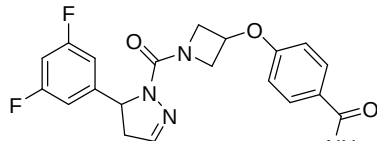
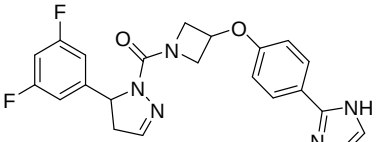
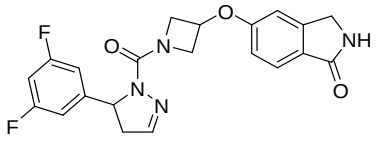
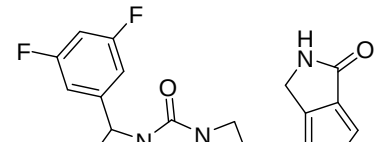
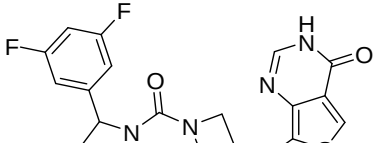
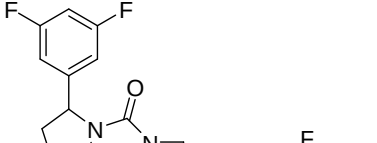
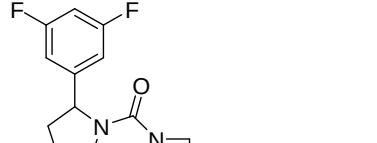
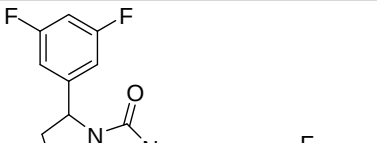
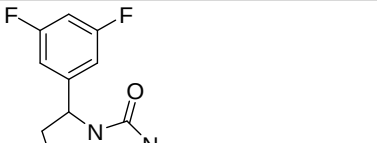
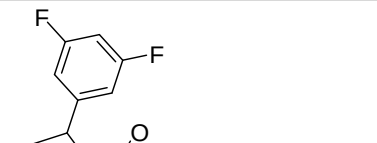
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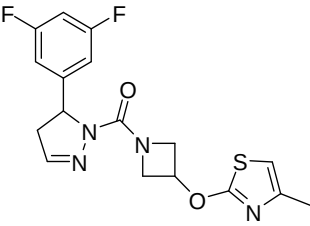
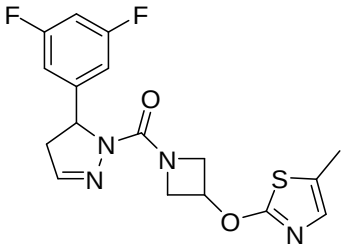
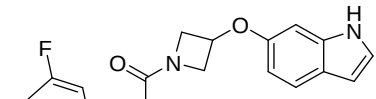
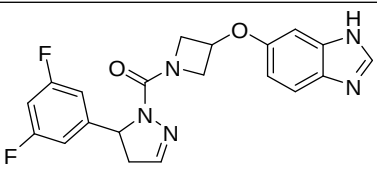
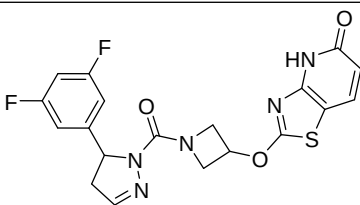
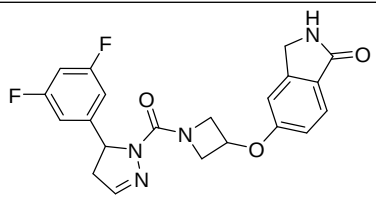
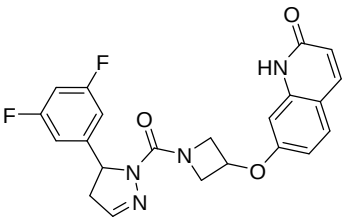
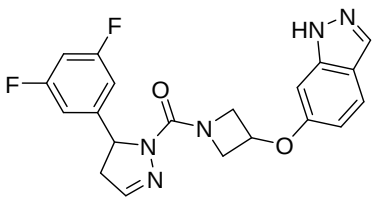
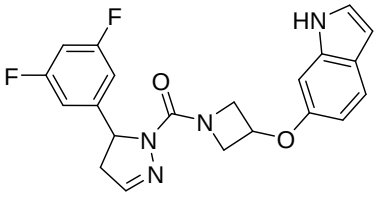
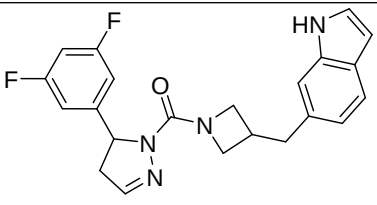
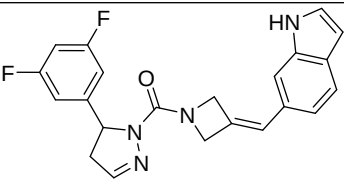
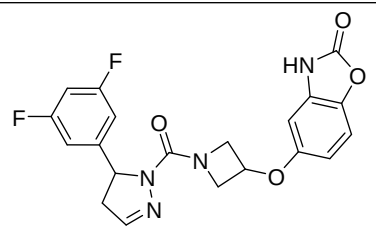
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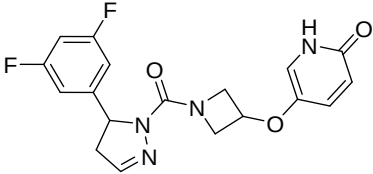
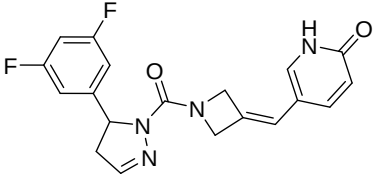
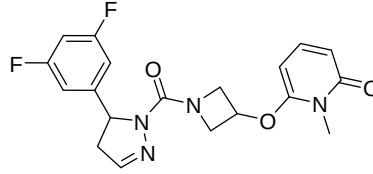
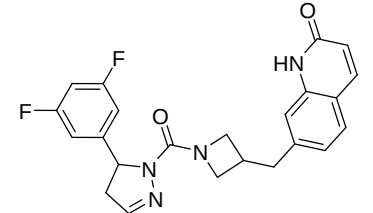
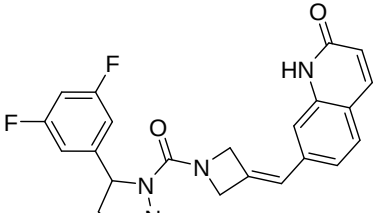
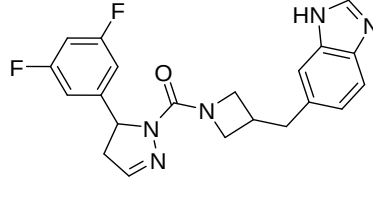
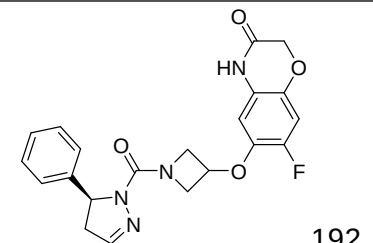
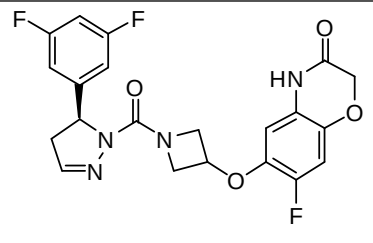
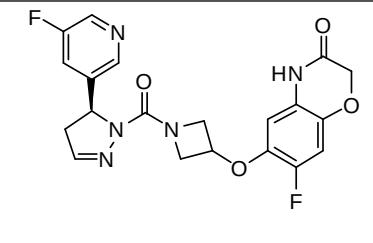
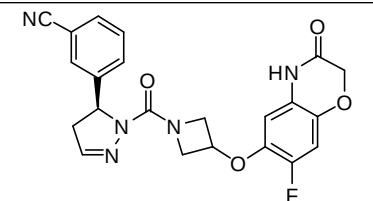
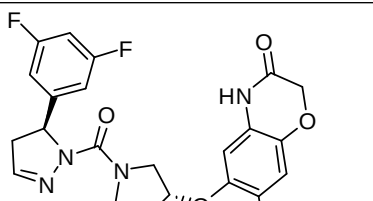
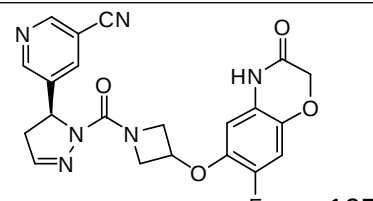
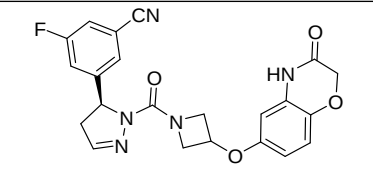
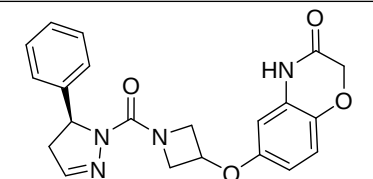
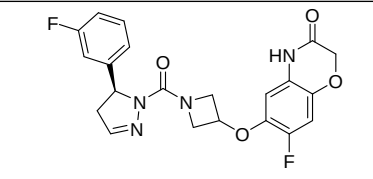
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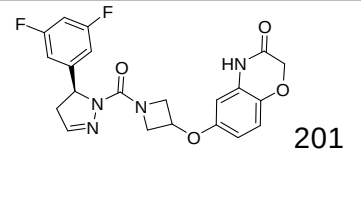
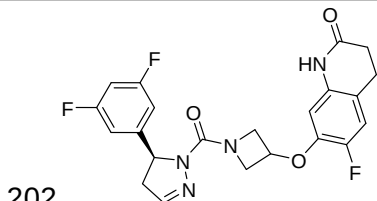
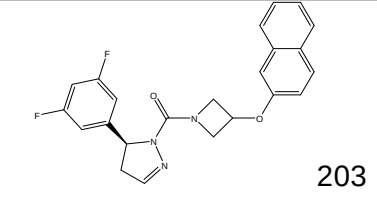
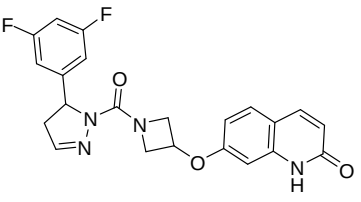
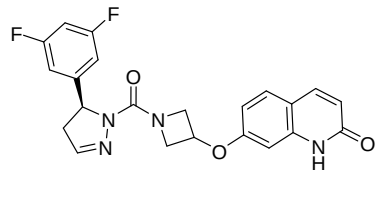
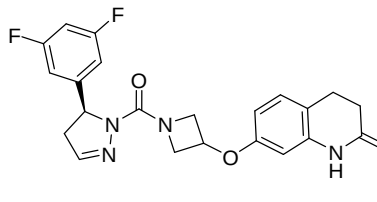
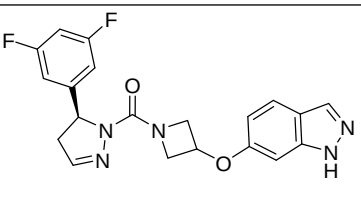
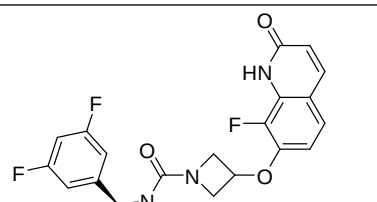
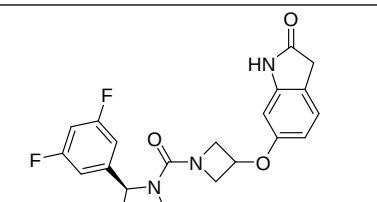
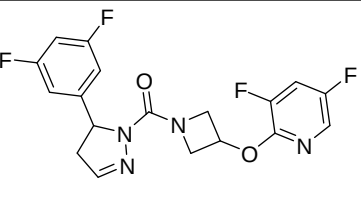
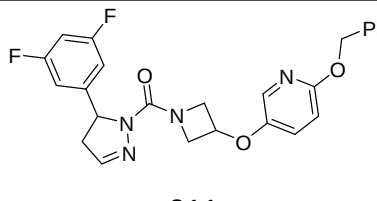
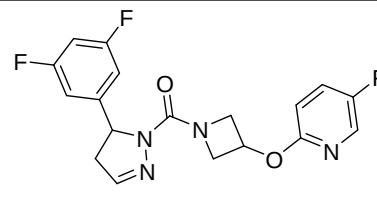
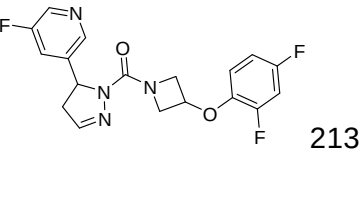
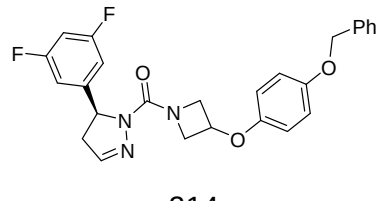
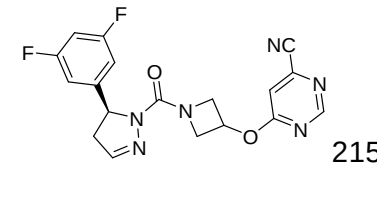
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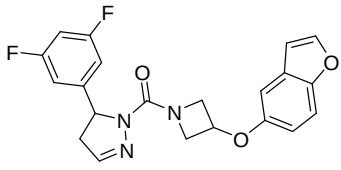
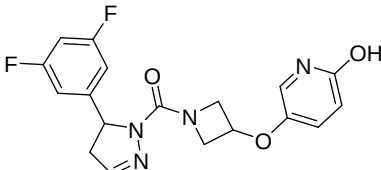
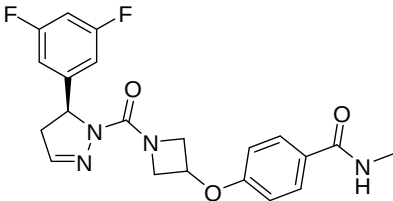
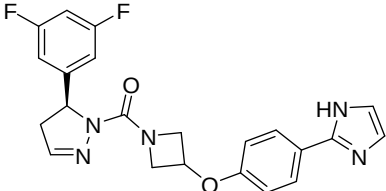
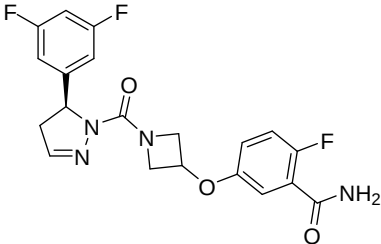
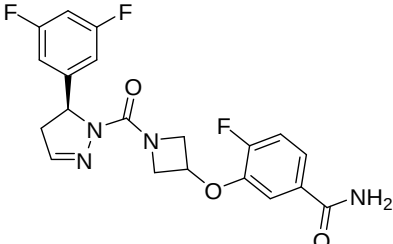
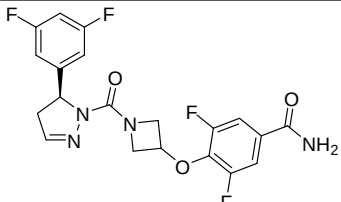
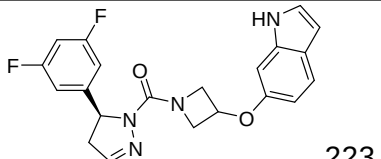
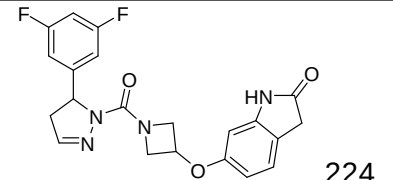
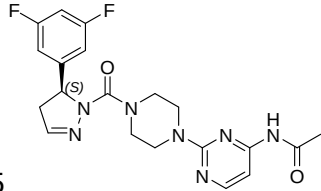
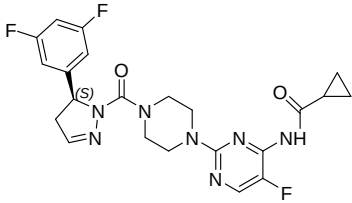
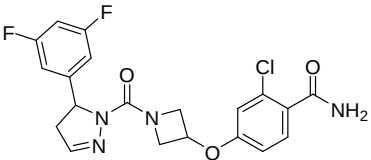
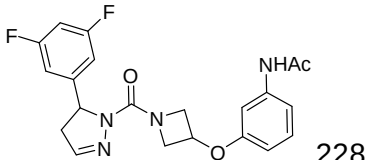
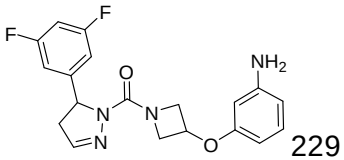
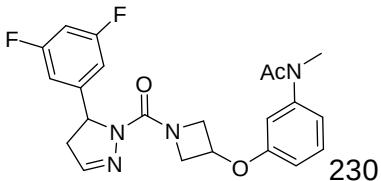
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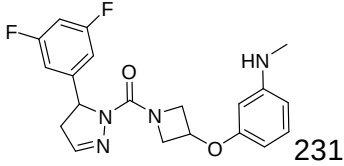
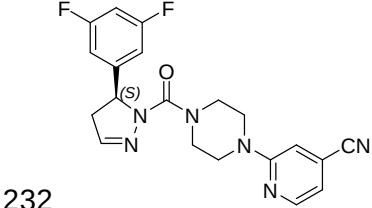
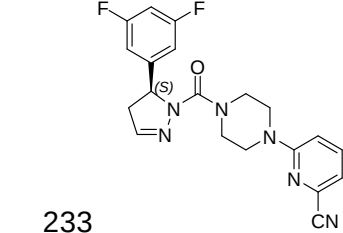
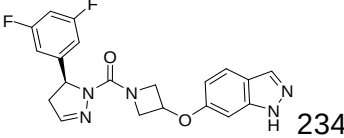
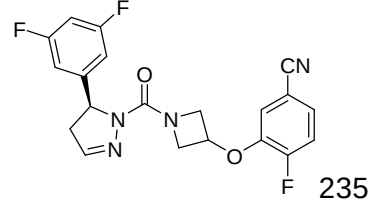
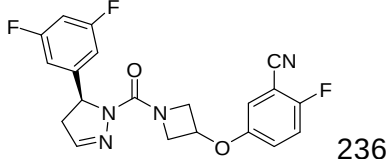
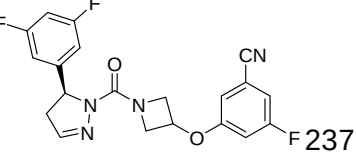
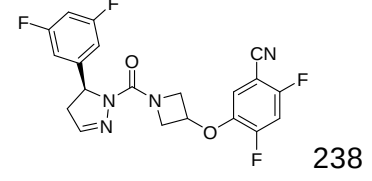
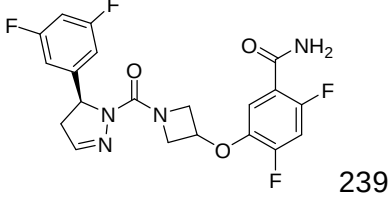
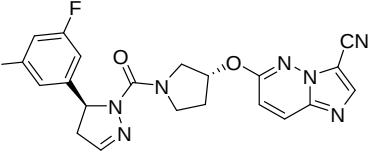
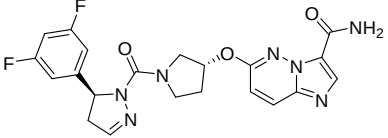
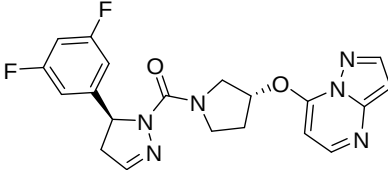
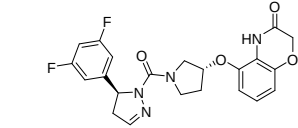
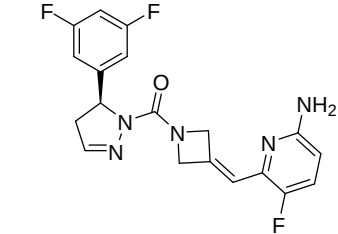
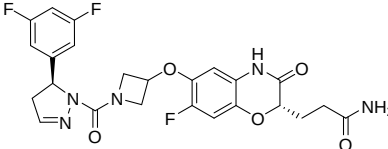
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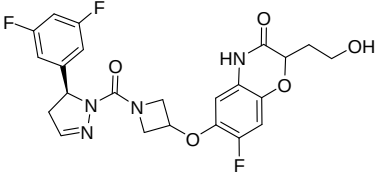
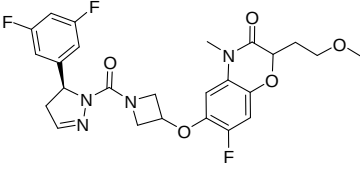
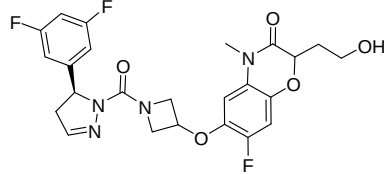
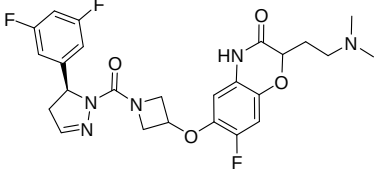
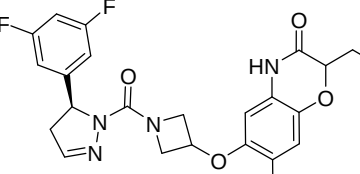
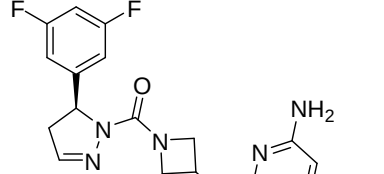
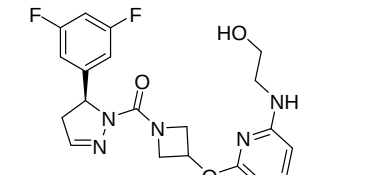
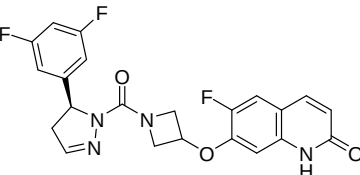
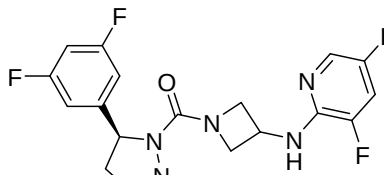
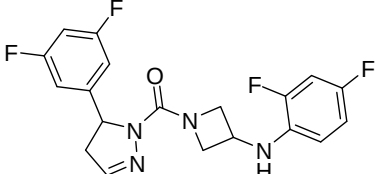
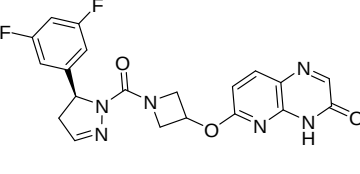
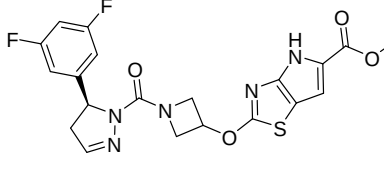
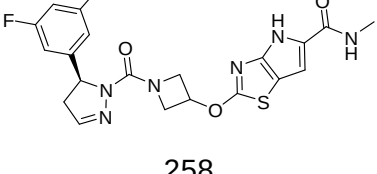
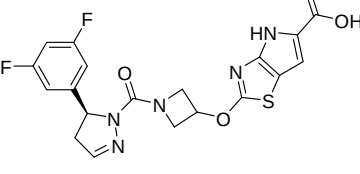
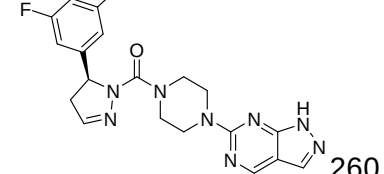
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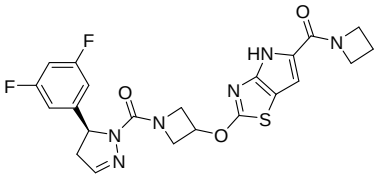
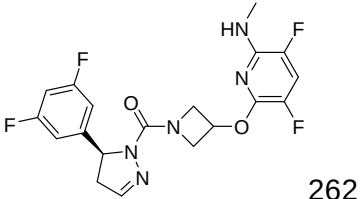
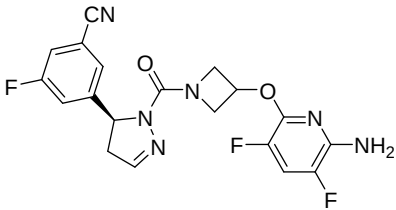
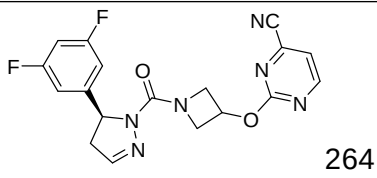
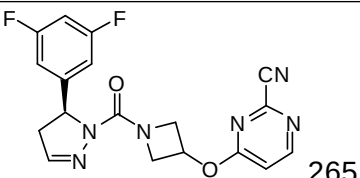
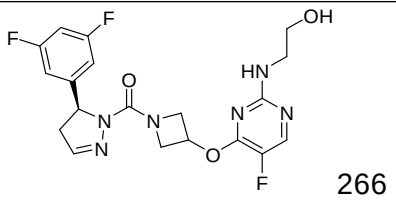
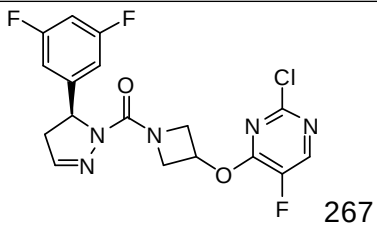
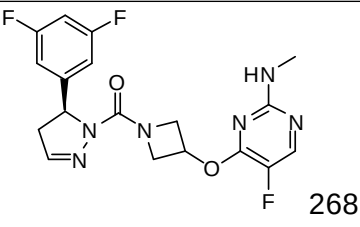
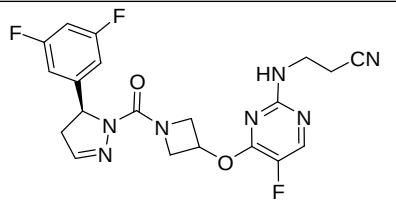
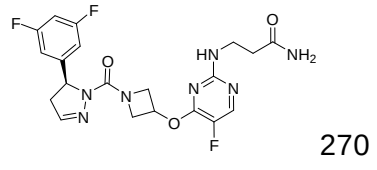
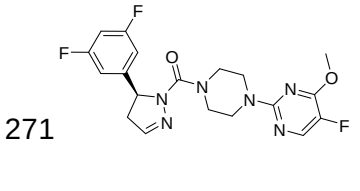
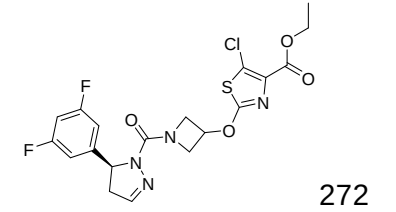
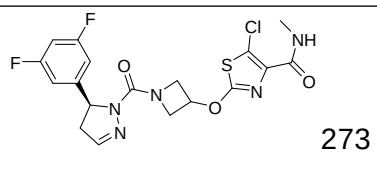
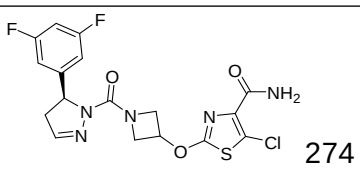
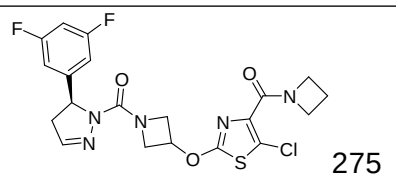
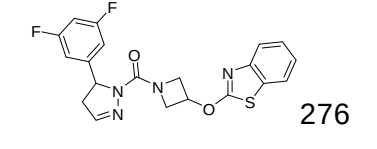
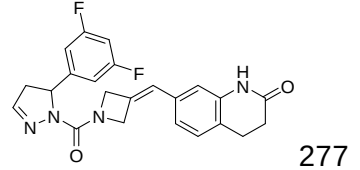
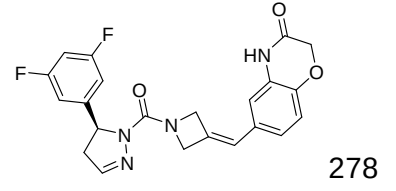
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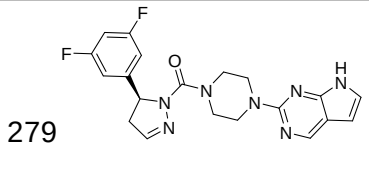
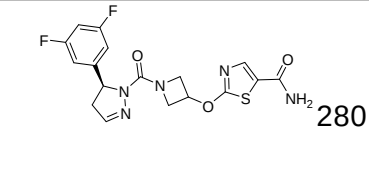
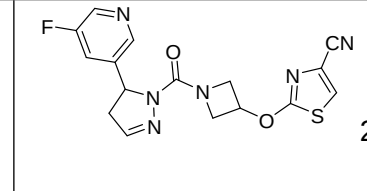
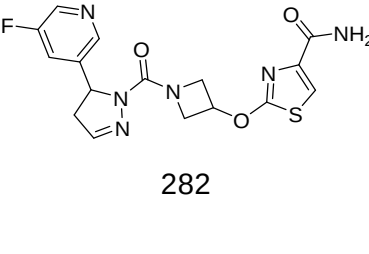
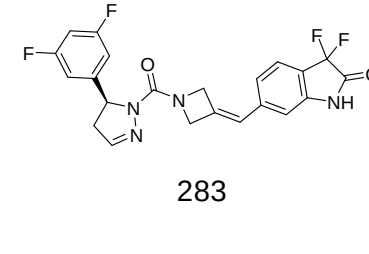
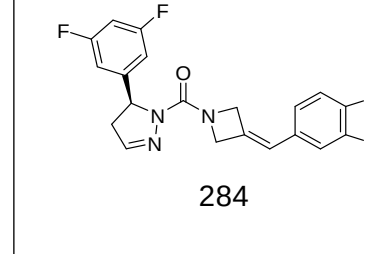
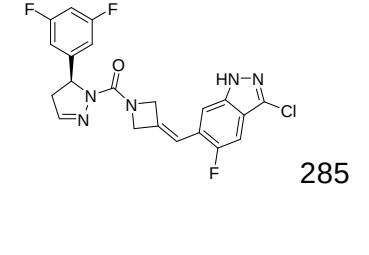
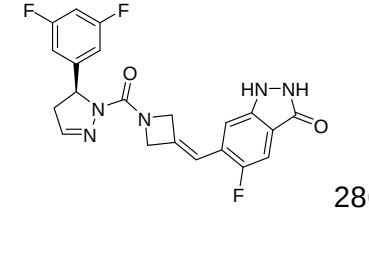
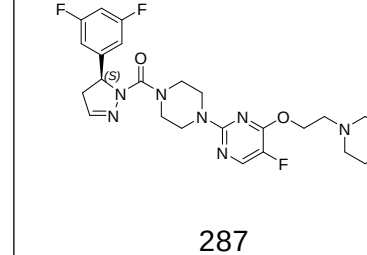
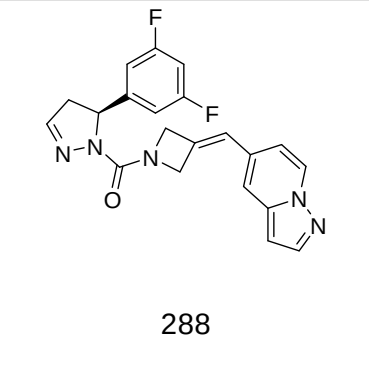
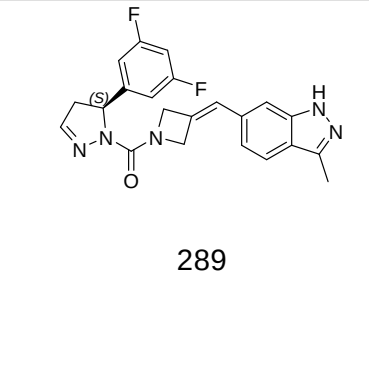
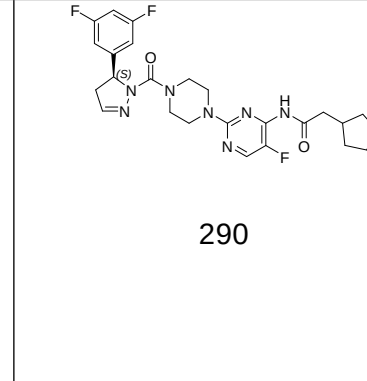
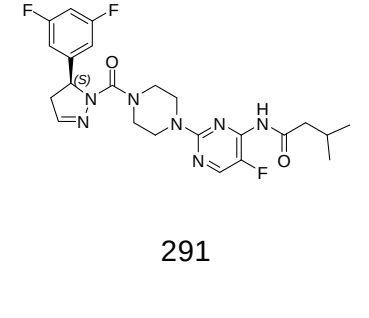
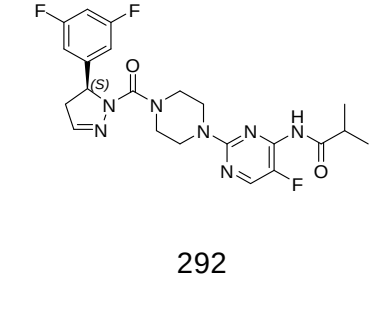
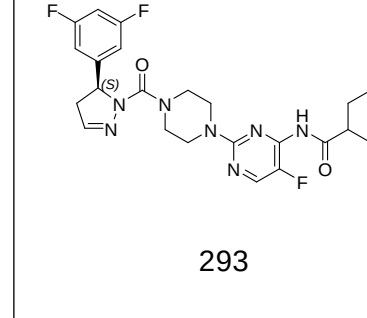
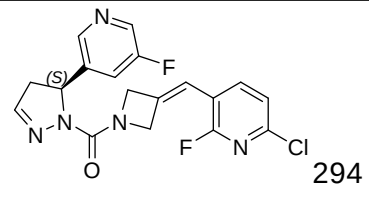
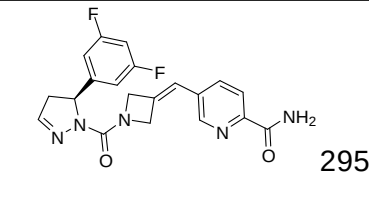
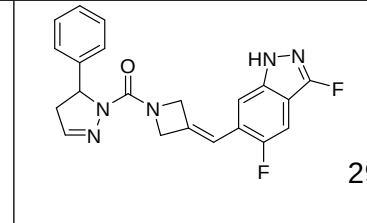
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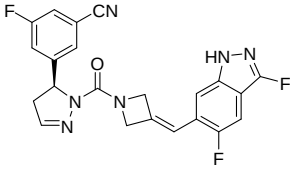
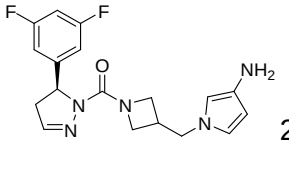
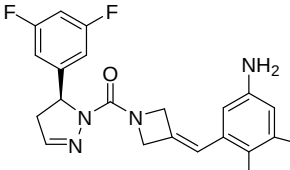
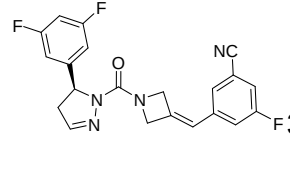
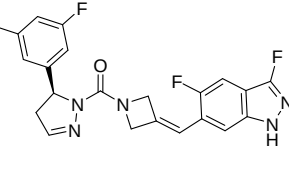
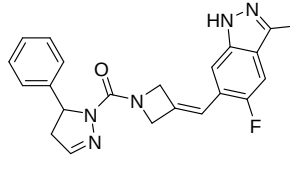
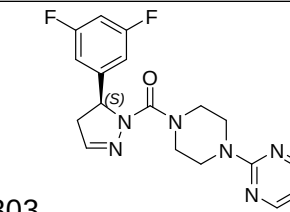
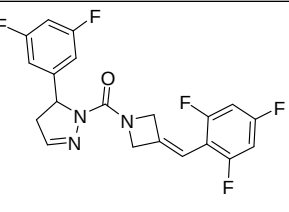
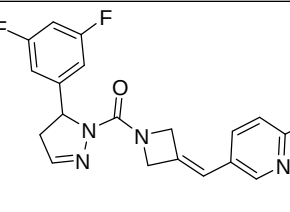
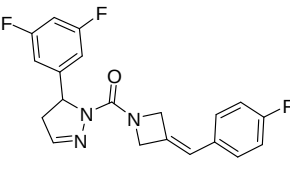
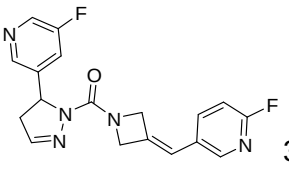
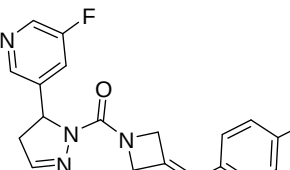
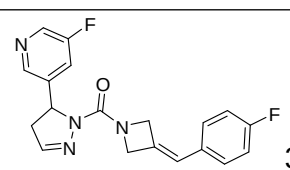
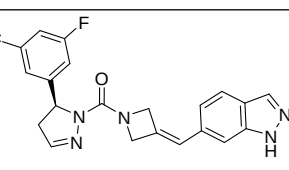
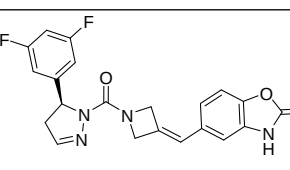
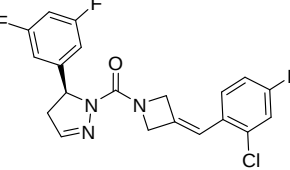
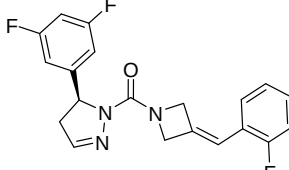
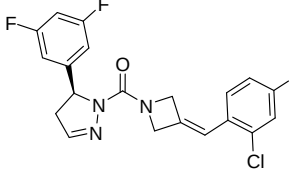
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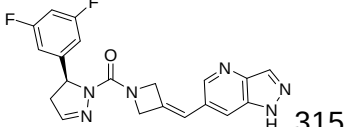
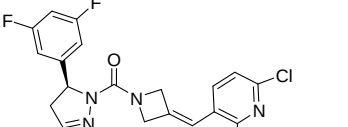
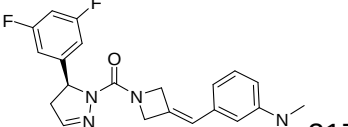
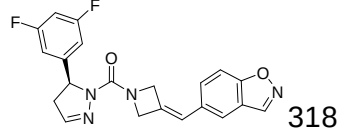
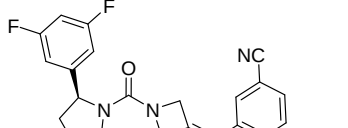
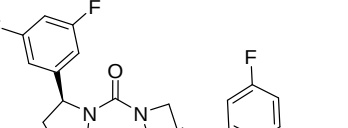
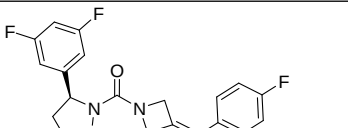
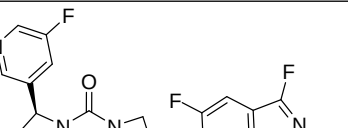
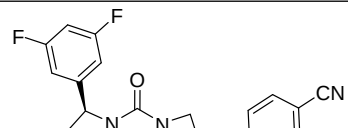
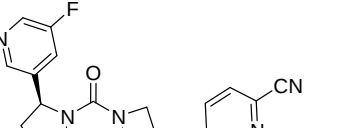
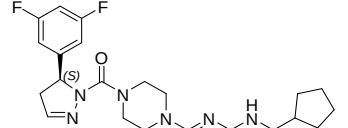
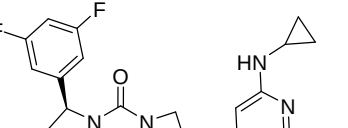
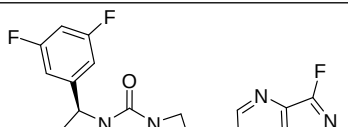
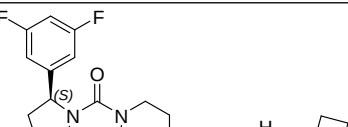
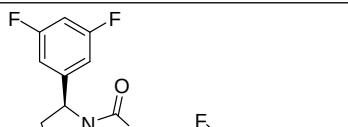
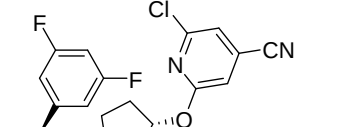
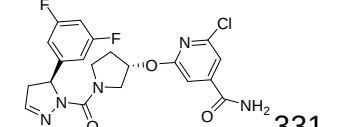
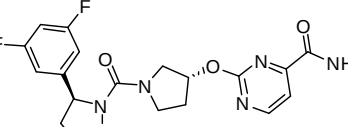
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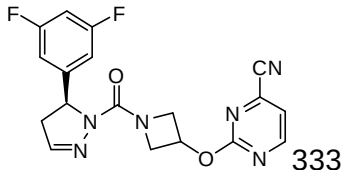
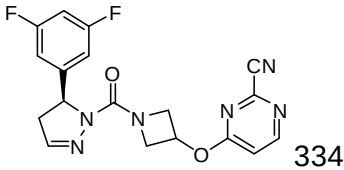
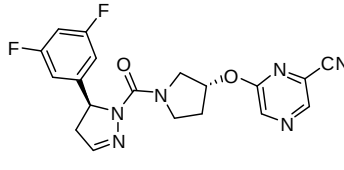
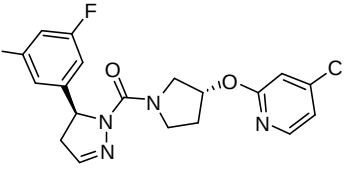
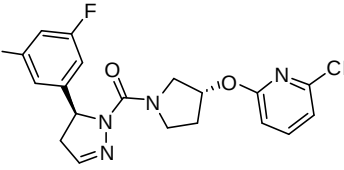
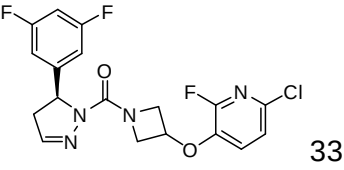
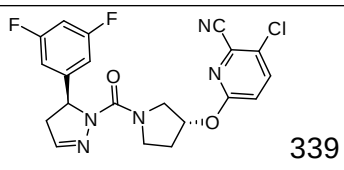
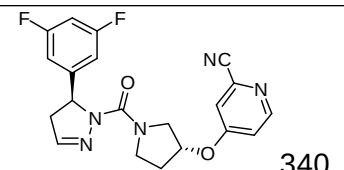
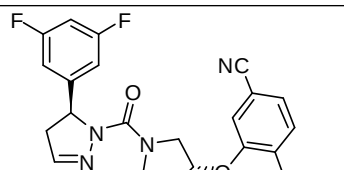
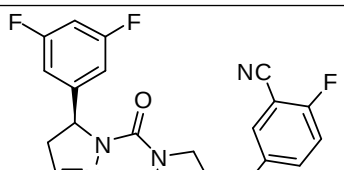
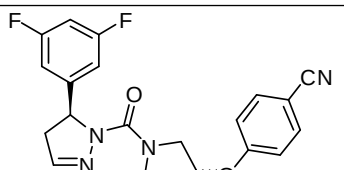
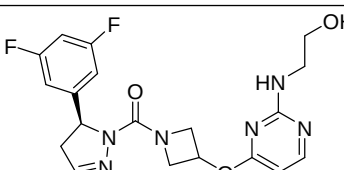
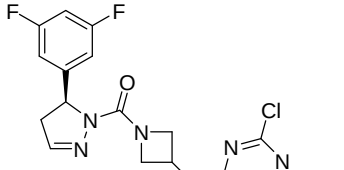
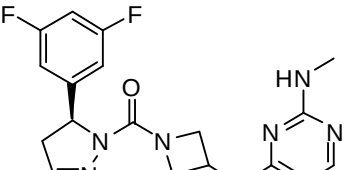
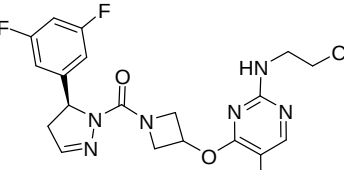
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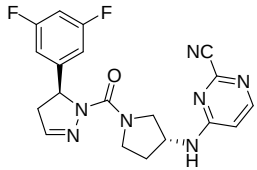
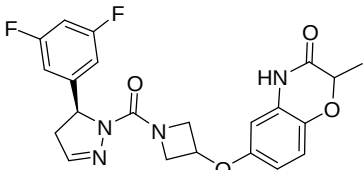
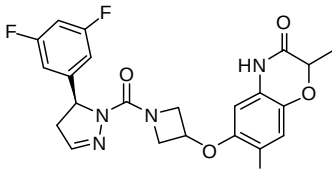
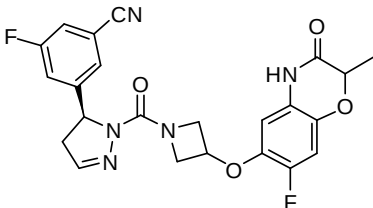
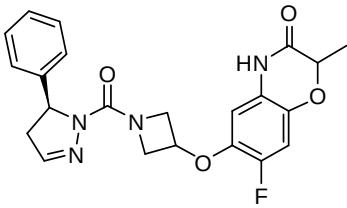
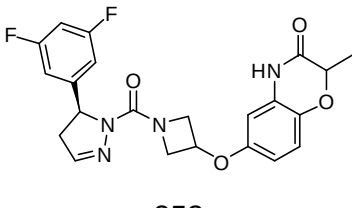
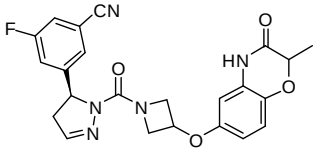
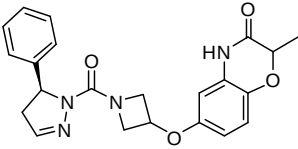
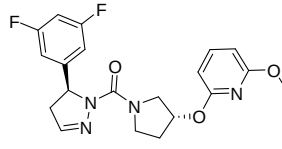
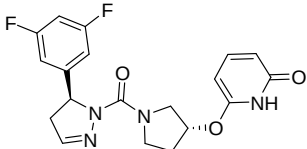
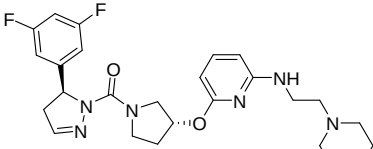
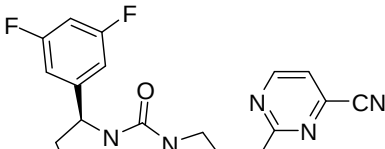
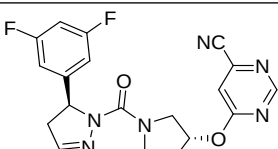
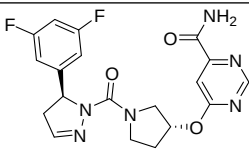
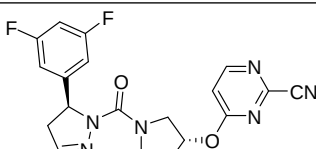
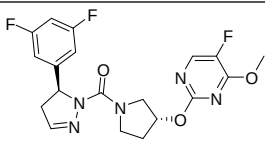
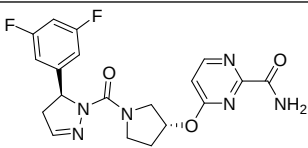
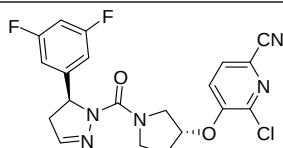
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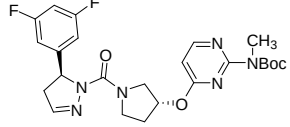
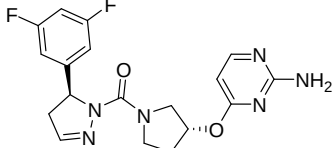
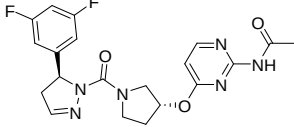
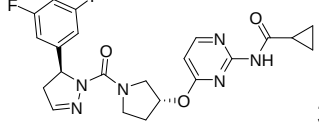
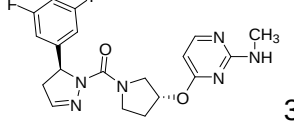
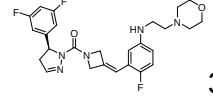
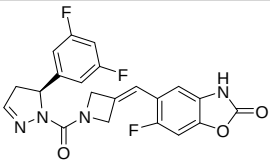
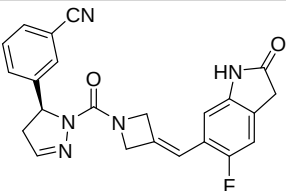
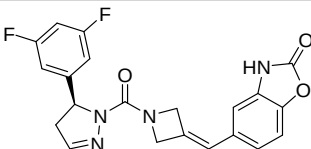
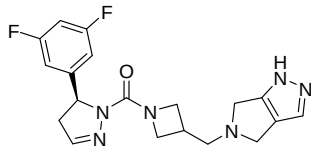
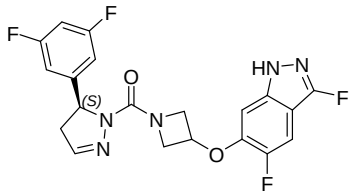
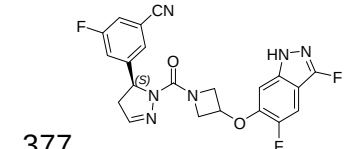
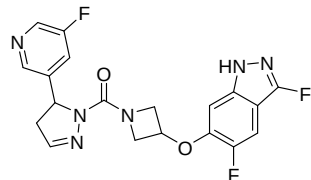
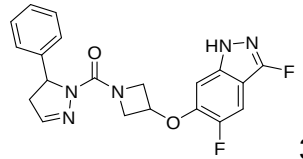
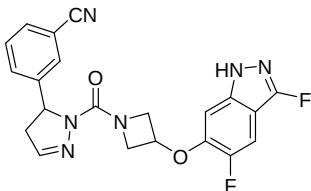
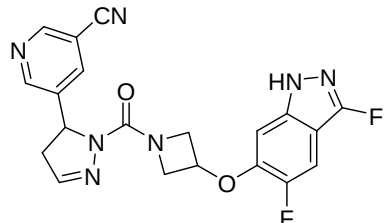
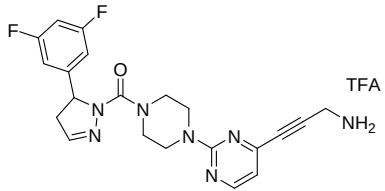
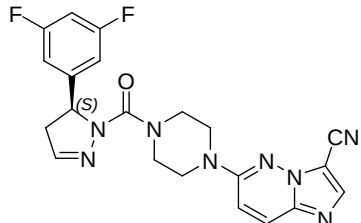
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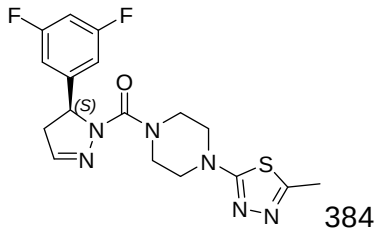
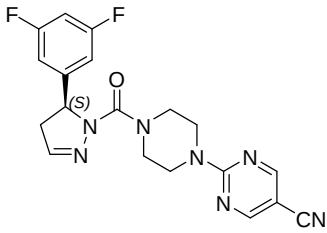
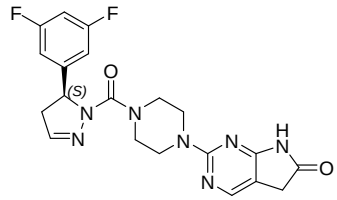
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16. Una composición farmacéutica que comprende una cantidad terapéuticamente efectiva de un compuesto de cualquiera de las reivindicaciones 1-15 en forma farmacéutica unitaria y uno o más excipientes farmacéuticamente aceptables.