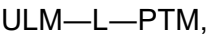


REIVINDICACIONES

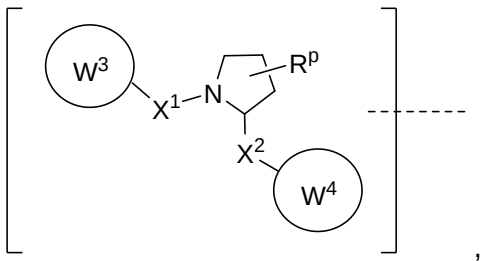
1. Un compuesto que tiene la estructura química:



o una sal farmacéuticamente aceptable de este,

donde:

el ULM es:



en donde

X¹ y X² se seleccionan cada uno de manera independiente de un enlace, O, NR^{Y3}, CR^{Y3}R^{Y4}, C=O, C=S, SO y SO₂;

R^{Y3} y R^{Y4} se seleccionan cada uno de manera independiente de H, alquilo C₁₋₆ opcionalmente sustituido por 1 o más halo, y alcoxi C₁₋₆ opcionalmente sustituido por 0-3 R^P;

cada R^P es seleccionado de manera independiente de H, halo, -OH, alquilo C₁₋₃, y C=O;

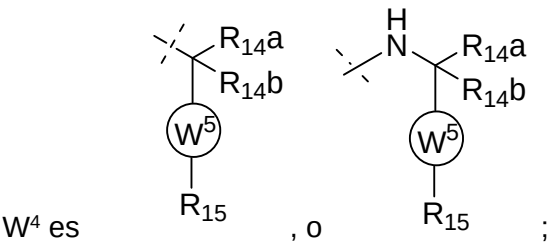
W³ se selecciona de entre W³ se selecciona de entre T opcionalmente sustituido, -T-N(R^{1a}R^{1b})X³ opcionalmente sustituido, -T-N(R^{1a}R^{1b}) opcionalmente sustituido, -T-Arilo opcionalmente sustituido, -T-Heteroarilo opcionalmente sustituido, T-biheteroarilo opcionalmente sustituido, -T- heterociclilo opcionalmente sustituido, -T-biheterociclilo opcionalmente sustituido, -NR¹-T-Arilo opcionalmente sustituido, -NR¹-T-Heteroarilo opcionalmente sustituido, y -NR¹-T- Heterociclilo opcionalmente sustituido;

X³ es C=O o R¹;

R¹, R^{1a}, y R^{1b} son cada uno independientemente seleccionados de entre H, alquilo C_{1-C6} opcionalmente sustituido por 1 o más halo u -OH, R^{Y3}C=O, R^{Y3}C=S, R^{Y3}SO, R^{Y3}SO₂, N(R^{Y3}R^{Y4})C=O, N(R^{Y3}R^{Y4})C=S, N(R^{Y3}R^{Y4})SO y N(R^{Y3}R^{Y4})SO₂;

T se selecciona de entre alquilo opcionalmente sustituido, -(CH₂)_n-, donde cada uno de los grupos metileno opcionalmente se sustituye con uno o dos sustituyentes seleccionados de entre halógeno, metilo, alcoxi opcionalmente sustituido, alquilo C1-C₆ opcionalmente sustituido por 1 o más sustituyentes independientemente seleccionados de entre halógeno, C(O) NR¹R^{1a}, y NR¹R^{1a}, o R¹ y R^{1a} se unen para formar un heterociclilo opcionalmente sustituido; y

n es de 0 a 6;

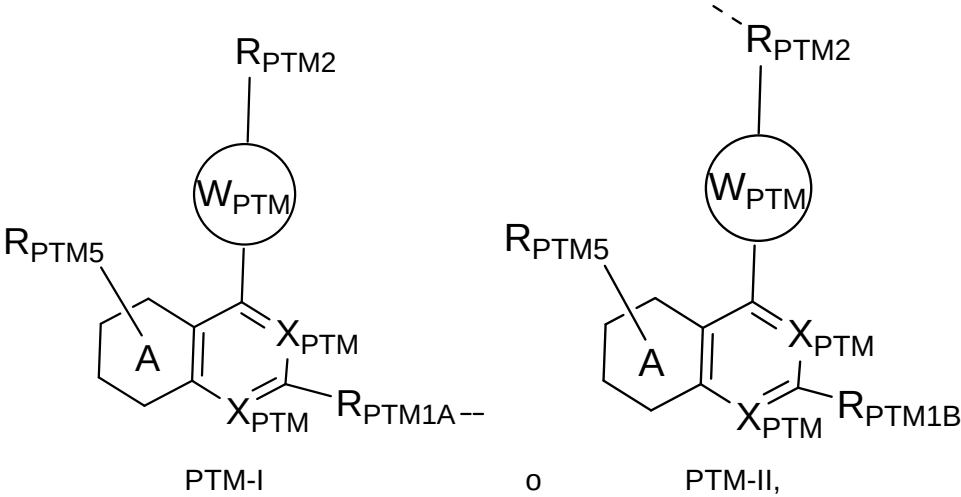


R_{14a} y R_{14b} son cada uno de manera independiente H o alquilo C₁₋₆ opcionalmente sustituido;

W⁵ es fenilo opcionalmente sustituido o heteroarilo de 5-10 miembros opcionalmente sustituido;

R₁₅ se selecciona de entre H, halógeno, CN, OH, NO₂, N R_{14a}R_{14b}, OR_{14a}, CONR_{14a}R_{14b}, NR_{14a}COR_{14b}, SO₂NR_{14a}R_{14b}, NR_{14a} SO₂R_{14b}, alquilo C₁₋₆ opcionalmente sustituido, haloalquilo C₁₋₆ opcionalmente sustituido, haloalcoxi C₁₋₆ opcionalmente sustituido, arilo C₆₋₁₀ opcionalmente sustituido, heteroarilo de 5-10 miembros opcionalmente sustituido, cicloalquilo C₃₋₁₁ opcionalmente sustituido, y heterocicloalquilo de 3-11 miembros opcionalmente sustituido;

el PTM es:



en donde:

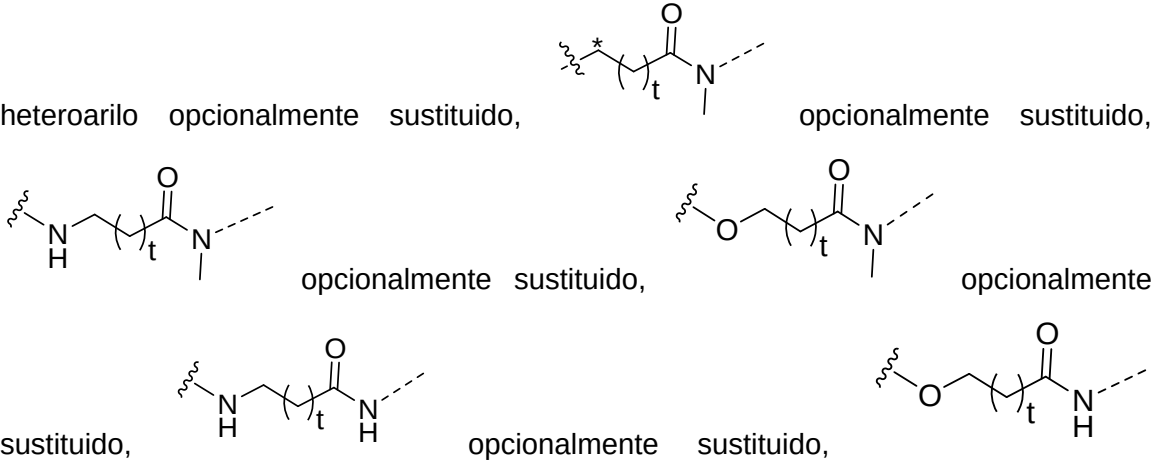


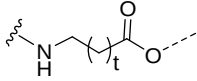
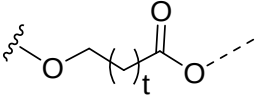
es fenilo, heteroarilo de 6 miembros, cicloalquilo de 6 miembros, o heterocicloalquilo de 6 miembros;

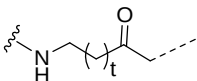
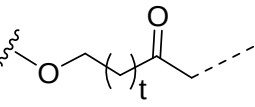
X_{PTM} es CH o N;

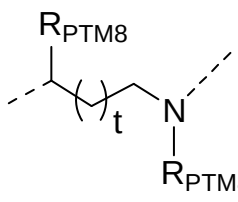
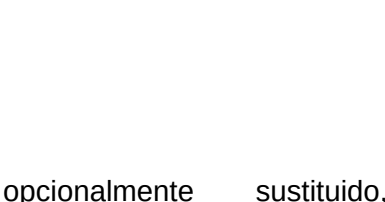
W_{PTM} se selecciona de entre cicloalquilo C₃₋₆ opcionalmente sustituido, heteroalquilo C₃₋₆ opcionalmente sustituido, heterocicloalquilo de 3-6 miembros opcionalmente sustituido, arilo opcionalmente sustituido, y heteroarilo opcionalmente sustituido;

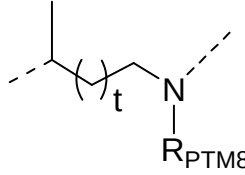
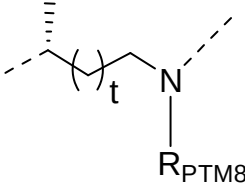
R_{PTM1A} se selecciona de entre NR_{PTM9}R_{PTM10}, OR_{PTM9}R_{PTM10}, H, alquilo opcionalmente sustituido, alcoxi opcionalmente sustituido, cicloalquilo C₃₋₆ opcionalmente sustituido, O-(cicloalquilo C₃₋₆) opcionalmente sustituido, -O-alquilo C₁₋₄-cicloalquilo C₃₋₆ opcionalmente sustituido, heteroalquilo C₃₋₆ opcionalmente sustituido, O-(heteroalquilo C₃₋₆) opcionalmente sustituido, O-alquilo C₁₋₄-heteroalquilo C₃₋₆opcionalmente sustituido, O-alquilo C₁₋₄-heterocicloalquilo C₃₋₆ opcionalmente sustituido, arilo opcionalmente sustituido, O-arilo opcionalmente sustituido, heteroarilo opcionalmente sustituido, , O-

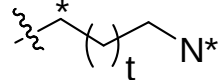
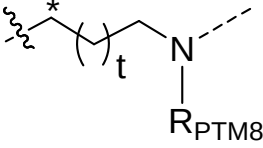


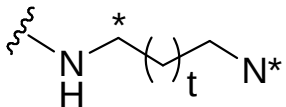
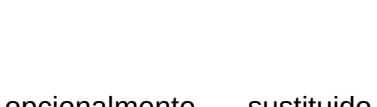
opcionalmente sustituido,  opcionalmente sustituido, 

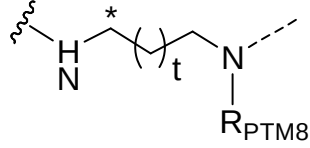
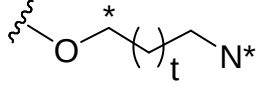
opcionalmente sustituido,  opcionalmente sustituido, 

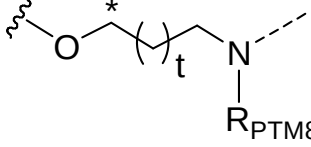
opcionalmente sustituido,  opcionalmente sustituido, 

 opcionalmente sustituido, 

sustituido,  opcionalmente sustituido, 

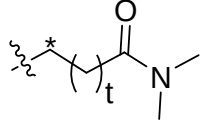
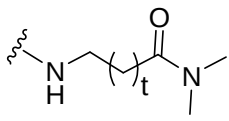
opcionalmente sustituido,  opcionalmente sustituido, 

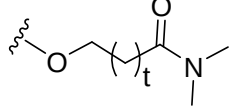
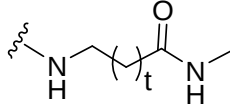
 opcionalmente sustituido, 

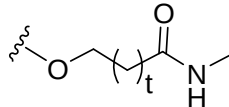
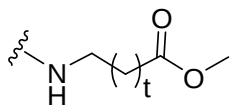
 opcionalmente sustituido, y

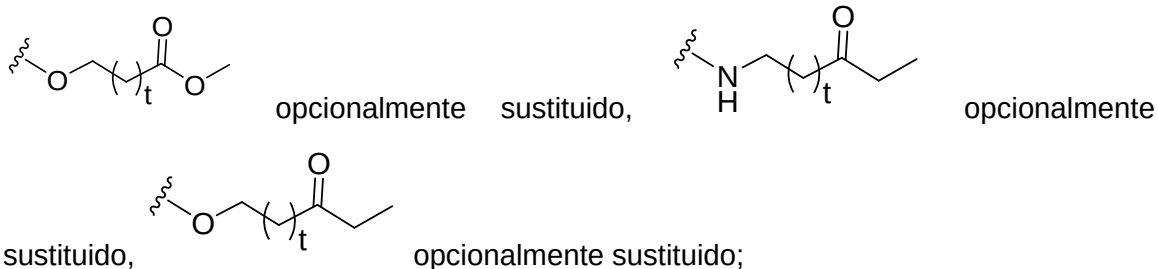
opcionalmente sustituido, donde N* es un átomo de N de un heterocicloalquilo del L;

R_{PTM1B} se selecciona de entre NR_{PTM9}R_{PTM10}, OR_{PTM9}R_{PTM10}, H, alquilo opcionalmente sustituido, O-alquilo opcionalmente sustituido, cicloalquilo C₃₋₆ opcionalmente sustituido, O-(cicloalquilo C₃₋₆) opcionalmente sustituido, -O-alquilo C₁₋₄-cicloalquilo C₃₋₆ opcionalmente sustituido, heteroalquilo C₃₋₆ opcionalmente sustituido, O-(heteroalquilo C₃₋₆) opcionalmente sustituido, O-alquilo C₁₋₄-heteroalquilo C₃₋₆ opcionalmente sustituido, arilo opcionalmente sustituido, O-arilo opcionalmente sustituido, heteroarilo opcionalmente sustituido, O-heteroarilo opcionalmente sustituido,

 opcionalmente sustituido,  opcionalmente sustituido,

 opcionalmente sustituido,  opcionalmente sustituido,

 opcionalmente sustituido,  opcionalmente sustituido,



R_{PTM9} y R_{PTM10} son cada uno seleccionado de manera independiente de entre H, alquilo C_{1-6} opcionalmente sustituido, amino alifático opcionalmente sustituida, amido alifático opcionalmente sustituida y fenilo;

R_{PTM2} es H, $(C=O)R_{PTM2}'$, o alquilo opcionalmente sustituido;

R_{PTM2}' es alquilo opcionalmente sustituido, alqueniilo opcionalmente sustituido, $-N(R_{PTM8})_2$ o $-C(OH)_2$;

R_{PTM3} es alquilo, alcoxi, fenilo o naftalenilo, cada uno opcionalmente sustituido con 1, 2, o 3 sustituyentes independientemente seleccionados de entre OH, H, y halógeno;

R_{PTM4A} es OH, H, halógeno, o alquilo C_{1-6} opcionalmente sustituido;

R_{PTM4B} es OH, H, $-CH_2CN$, halógeno, o alquilo C_{1-6} opcionalmente sustituido;

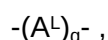
R_{PTM5} es 1, 2, o 3 sustituyentes independientemente seleccionados de entre arilo opcionalmente sustituido, biarilo opcionalmente sustituido, heteroarilo opcionalmente sustituido, biheteroarilo opcionalmente sustituido, cicloalquilo C_{3-6} opcionalmente sustituido, heterocicloalquilo de 3-6 miembros opcionalmente sustituido, halógeno, H, alquilo opcionalmente sustituido, OH y alcoxi;

R_{PTM8} es H o alquilo;

t es 0, 1, 2, 3, 4, 5, o 6; y


 indica el sitio de unión del L; y

el L es:



donde:

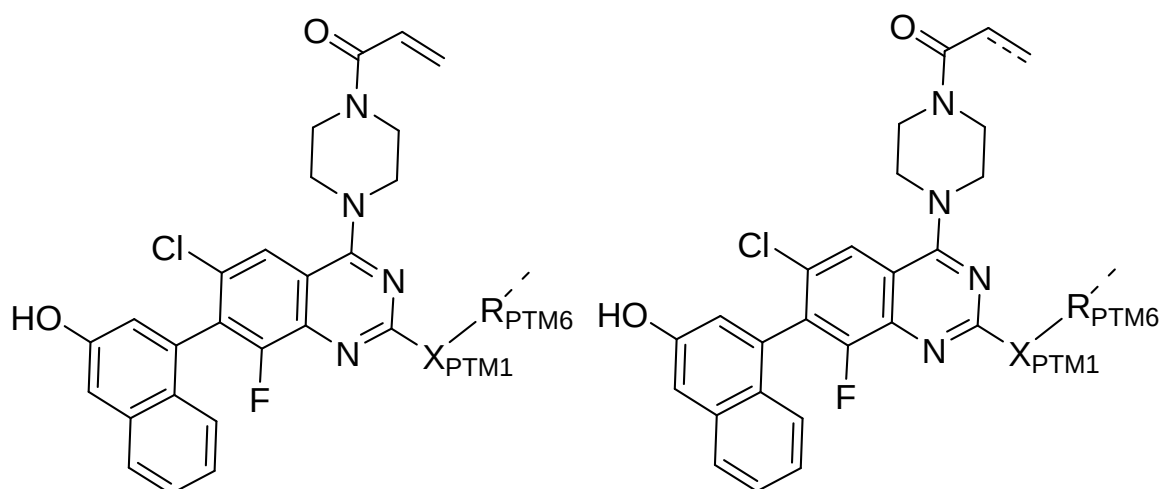
q es un número entero mayor o igual que 1;

cada A^L se selecciona de manera independiente de entre un enlace, $CR^{L1}R^{L2}$, O, S, SO, SO_2 , NR^{L3} , SO_2NR^{L3} , $SONR^{L3}$, $CONR^{L3}$, $NR^{L3}CONR^{L4}$, $NR^{L3}SO_2NR^{L4}$, CO, $CR^{L1}=CR^{L2}$, $C\equiv C$, $SiR^{L1}R^{L2}$, $P(O)R^{L1}$, $P(O)OR^{L1}$, $NR^{L3}C(=NCN)NR^{L4}$, $NR^{L3}C(=NCN)$, $NR^{L3}C(=CNO_2)NR^{L4}$, cicloalquilo C_{3-11} opcionalmente sustituido con 0-6 R^{L1} y/o R^{L2} , heterociclilo C_{3-11} opcionalmente sustituido con 0-6 R^{L1} y/o R^{L2} , arilo opcionalmente sustituido con 0-6 R^{L1} y/o R^{L2} , y heteroarilo opcionalmente sustituido con 0-6 R^{L1} y/o R^{L2} , donde R^{L1} o R^{L2} , cada uno de manera independiente se enlaza opcionalmente a otros grupos para formar cicloalquilo o heterociclilo, cada uno opcionalmente sustituido con 0-4 R^{L5} ; y

R^{L1} , R^{L2} , R^{L3} , R^{L4} y R^{L5} son, cada uno de manera independiente, seleccionados de entre H, halo, alquilo C_{1-8} , Oalquilo C_{1-8} , Salquilo C_{1-8} , NHalquilo C_{1-8} , N(alquilo C_{1-8})₂, cicloalquilo C_{3-11} , arilo, heteroarilo, heterociclilo C_{3-11} , Ocicloalquilo C_{1-8} , Scicloalquilo C_{1-8} , NHcicloalquilo C_{1-8} , N(cicloalquilo C_{1-8})₂, N(cicloalquilo C_{1-8})(alquilo C_{1-8}), OH, NH_2 , SH, SO_2 alquilo C_{1-8} , $P(O)$ (Oalquilo C_{1-8})(alquilo C_{1-8}), $P(O)$ (Oalquilo C_{1-8})₂, CC-alquilo C_{1-8} , CCH, $CH=CH$ (alquilo C_{1-8}), C (alquilo C_{1-8})= CH (alquilo C_{1-8}), C (alquilo C_{1-8})= C (alquilo C_{1-8})₂, $Si(OH)_3$, Si (alquilo C_{1-8})₃, $Si(OH)$ (alquilo C_{1-8})₂, COalquilo C_{1-8} , CO_2H , halógeno, CN, CF_3 , CHF_2 , CH_2F , NO_2 , SF_5 , SO_2N Halquilo C_{1-8} , SO_2N (alquilo C_{1-8})₂, SON Halquilo C_{1-8} ,

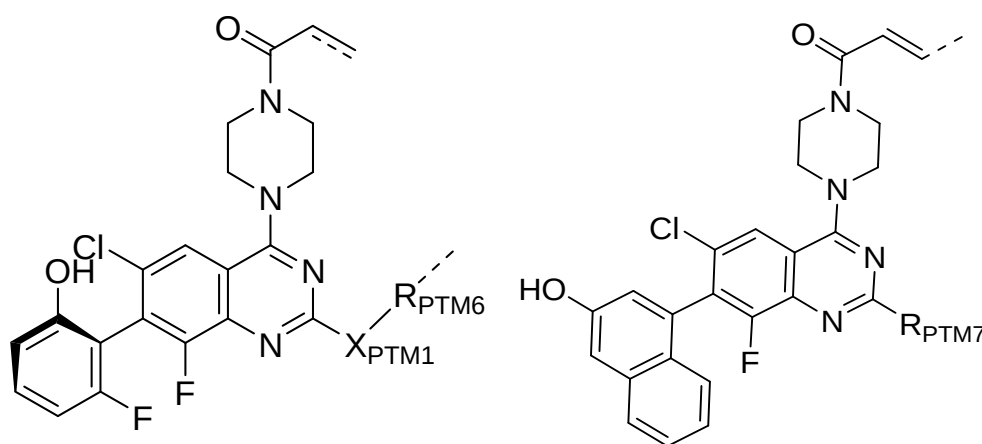
SON(alquilo C₁₋₈)₂, CONHalquilo C₁₋₈, CON(alquilo C₁₋₈)₂, N(alquilo C₁₋₈)CONH(alquilo C₁₋₈), N(alquilo C₁₋₈)CON(alquilo C₁₋₈)₂, NHCONH(alquilo C₁₋₈), NHCON(alquilo C₁₋₈)₂, NHCONH₂, N(alquilo C₁₋₈)SO₂NH(alquilo C₁₋₈), N(alquilo C₁₋₈) SO₂N(alquilo C₁₋₈)₂, NH SO₂NH(alquilo C₁₋₈), NH SO₂N(alquilo C₁₋₈)₂, y NH SO₂NH₂.

2. El compuesto de acuerdo con la reivindicación 1, donde el PTM se selecciona de entre:



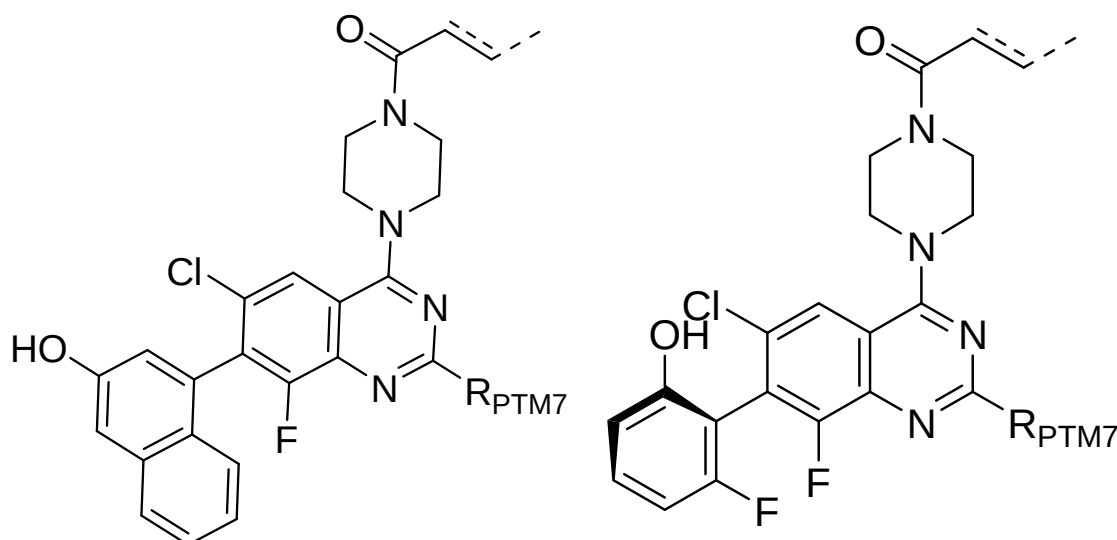
PTM-Va

PTM-Vb



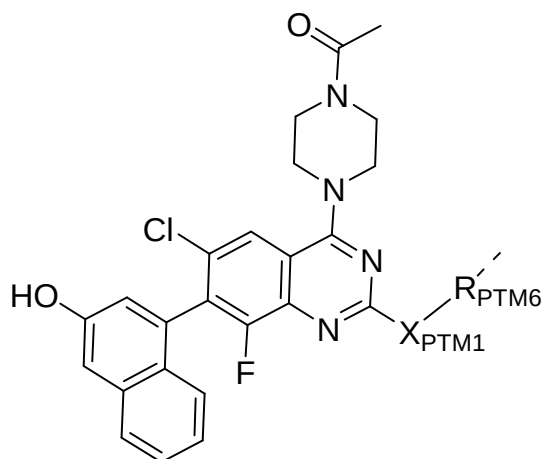
PTM-VI

PTM-VIIa

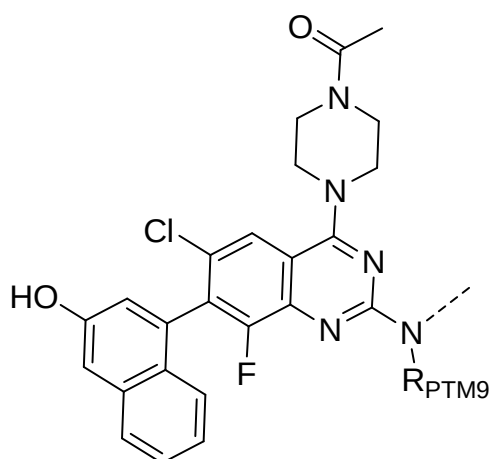


PTM-VIIb

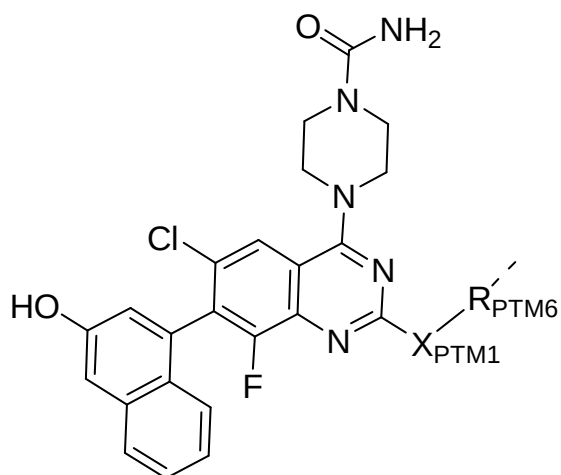
PTM-VIII



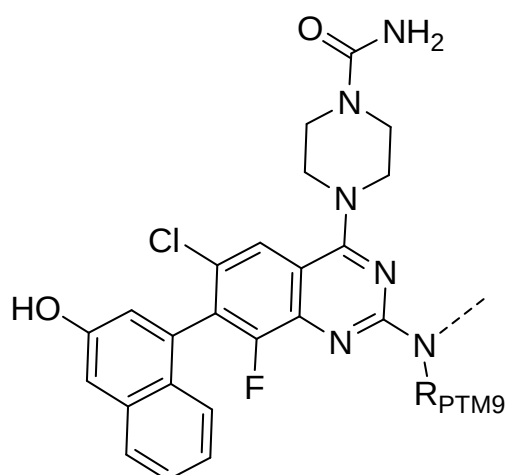
PTM-IXa



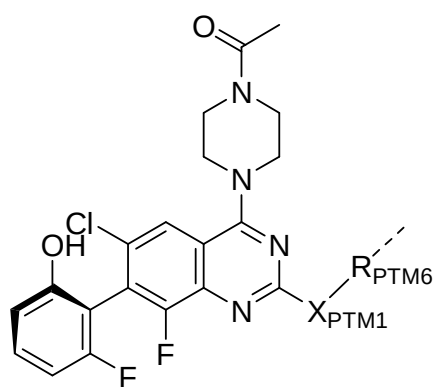
PTMl-Xb



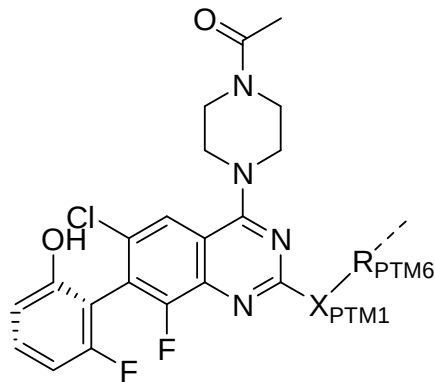
PTM-Xa



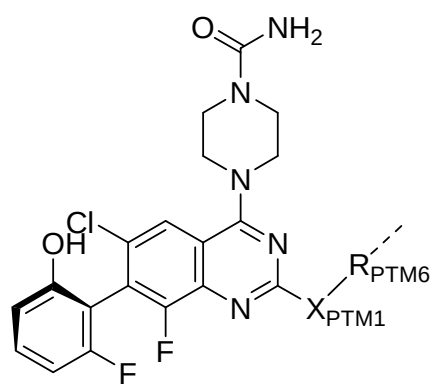
PTM-Xb



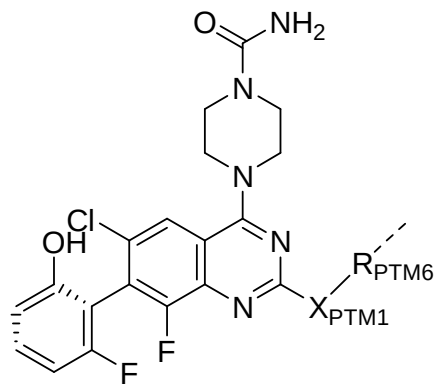
PTM-XI



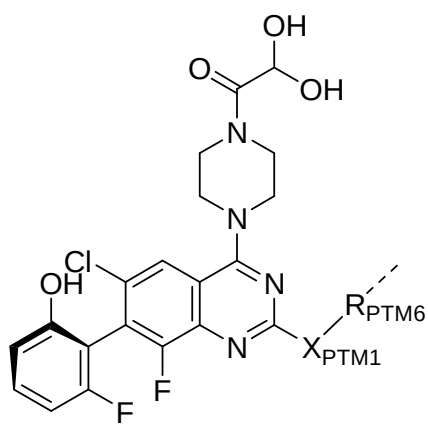
PTM-XII



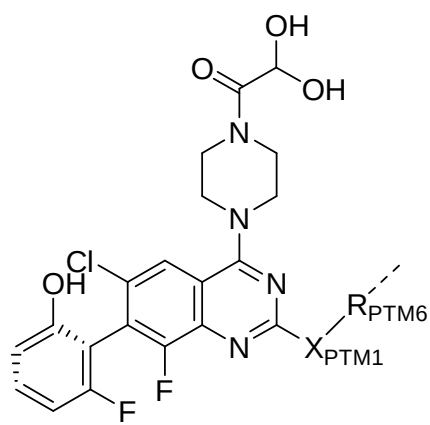
PTM-XIII



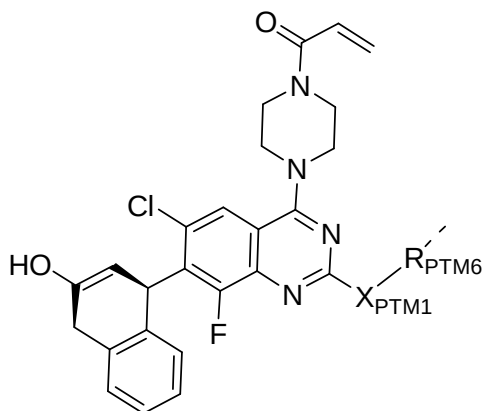
PTM-XIV



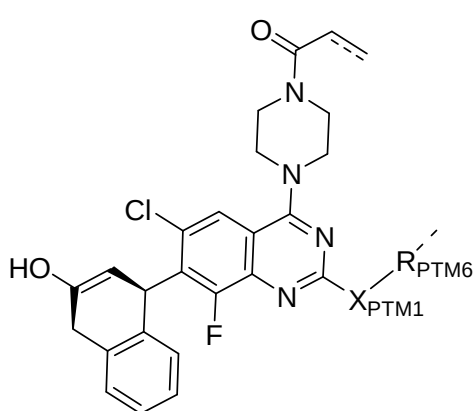
PTM-XV



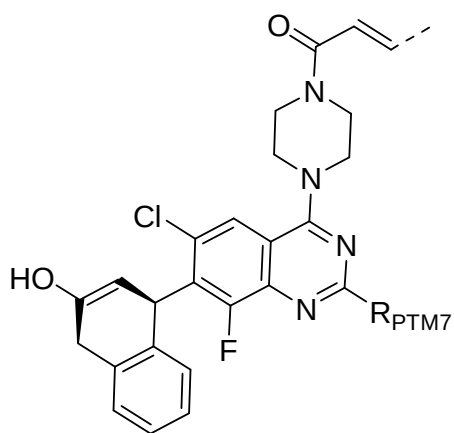
PTM-XVI



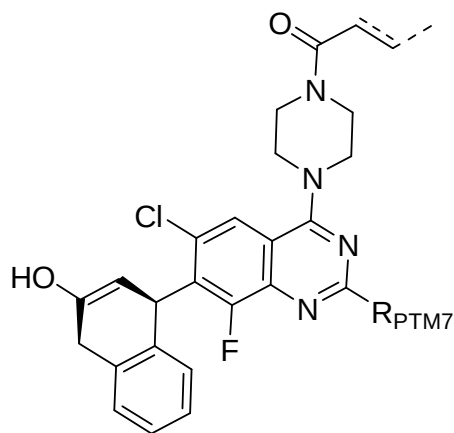
PTM-XVIIa



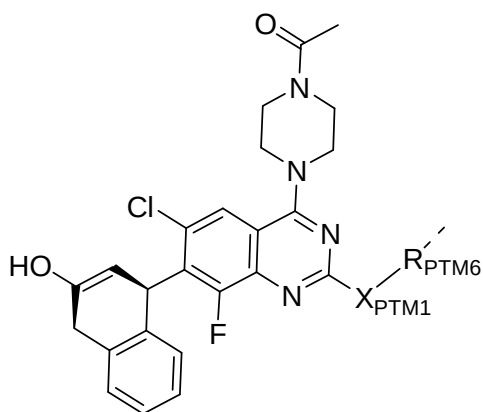
PTM-XVIIb



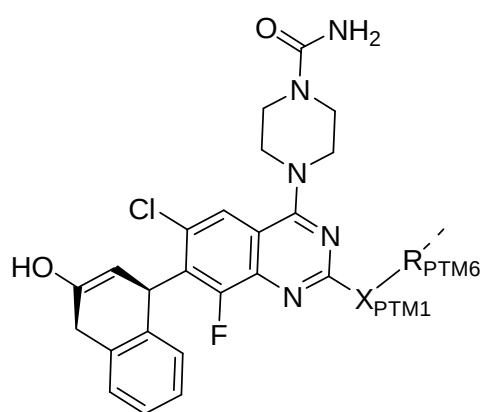
PTM-XVIII



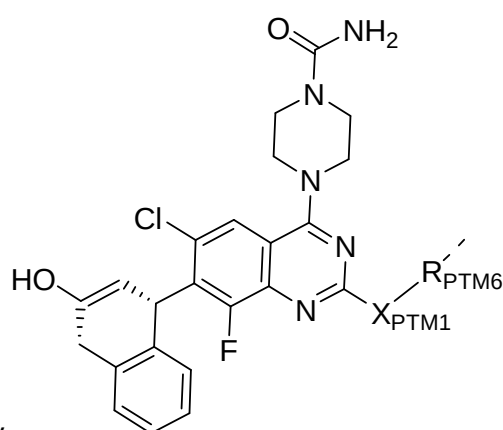
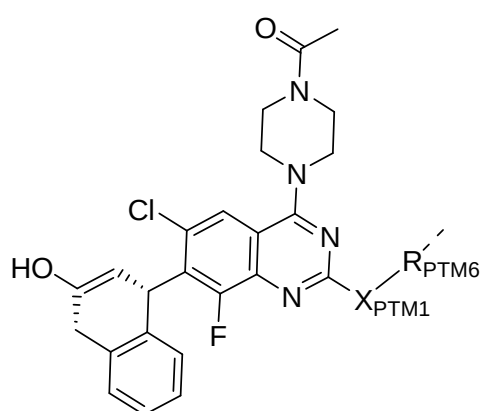
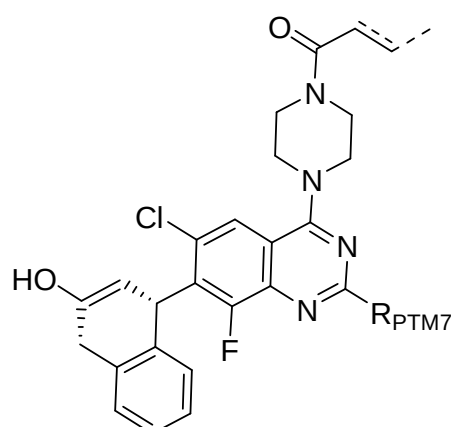
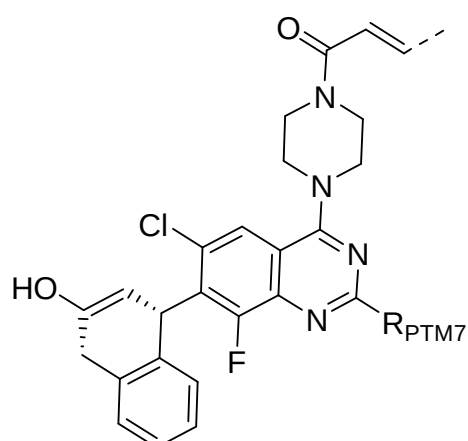
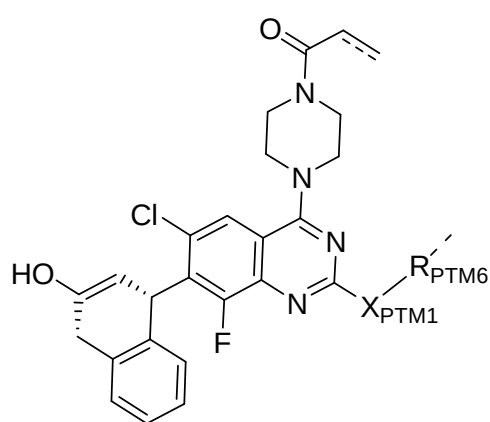
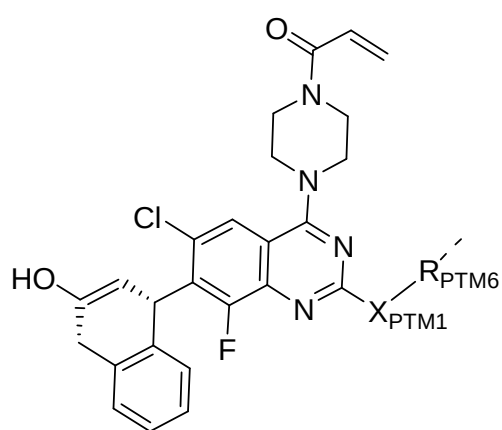
PTM-XIV



PTM-XV



PTM-XVI



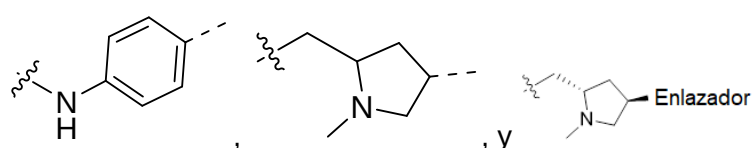
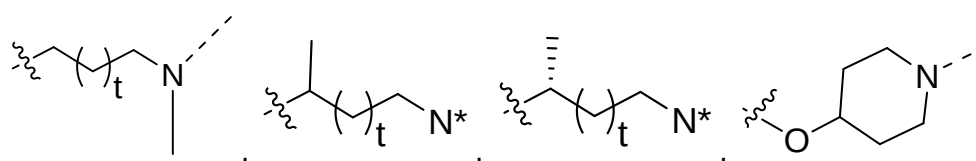
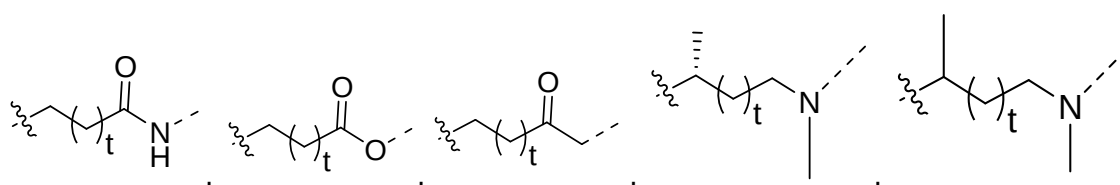
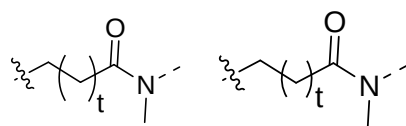
y

2

donde:

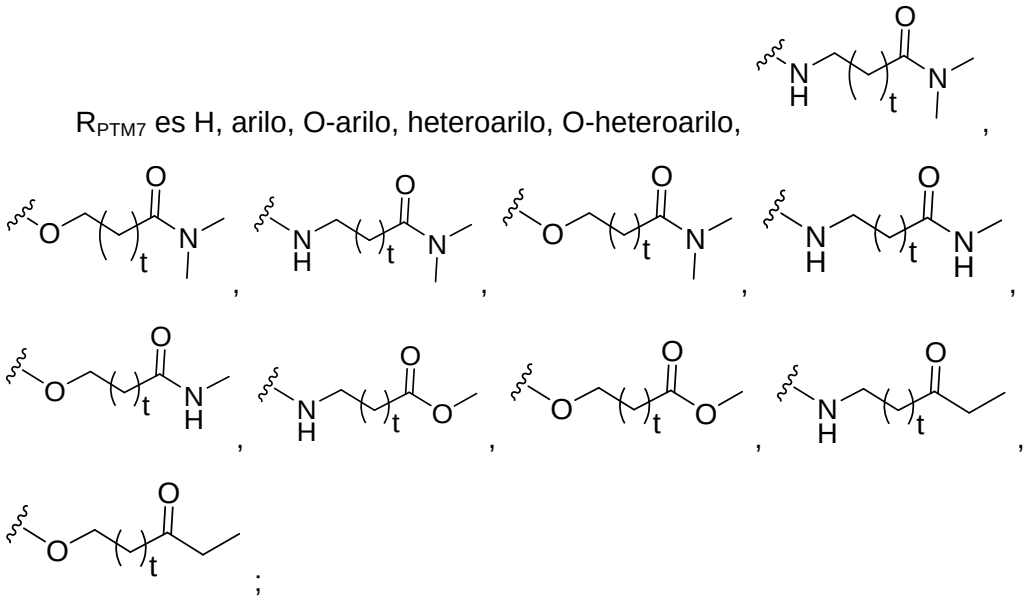
X_{PTM1} es NH u O;

R_{PTM6} se selecciona de entre arilo, heteroarilo,

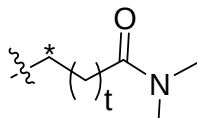


, donde N^* es un átomo de N

de un heterocicloalquilo del L;



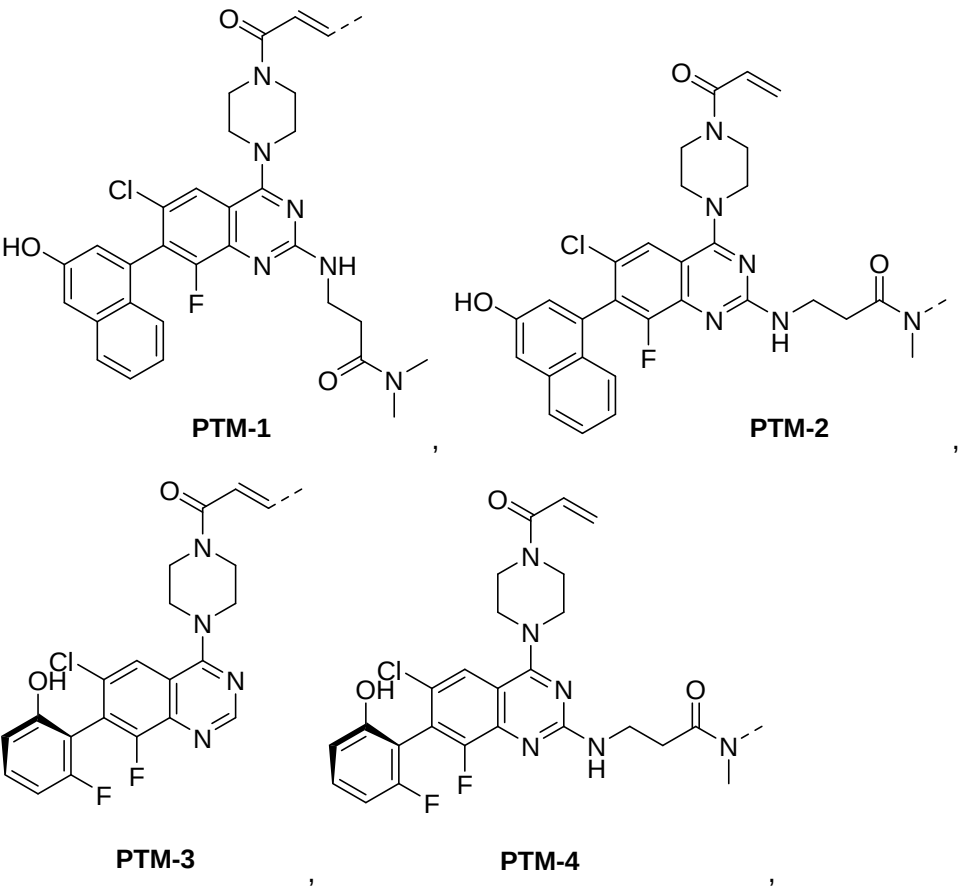
R_{PTM9} es H, alquilo C_{1-6} opcionalmente sustituido, amino alifático opcionalmente

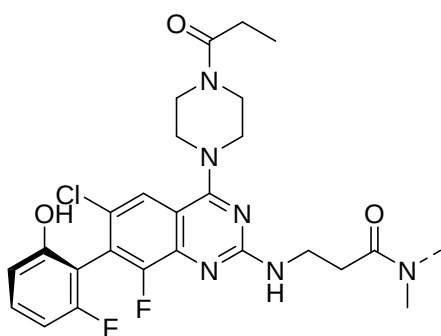
sustituida, amido alifático opcionalmente sustituida, o  opcionalmente sustituido;

 es un enlace simple o un enlace doble; y

 indica el sitio de unión del L.

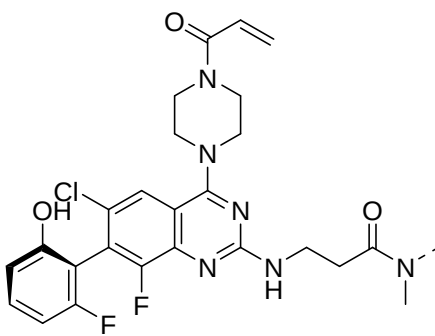
3. El compuesto de acuerdo con cualquiera de la reivindicación 1 o reivindicación 2, donde el PTM es representado por la estructura química seleccionada de entre:





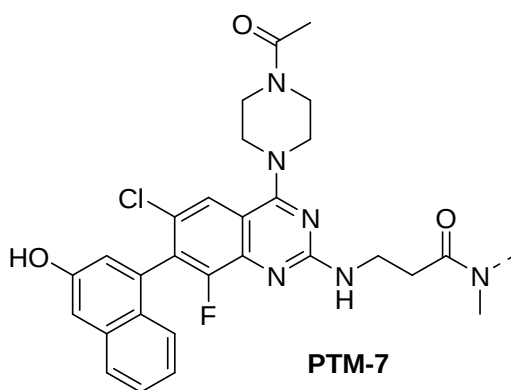
PTM-5

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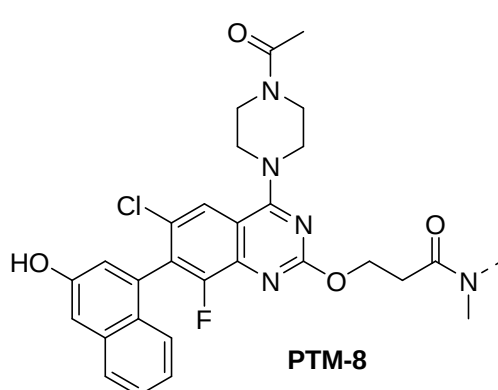
PTM-6

,



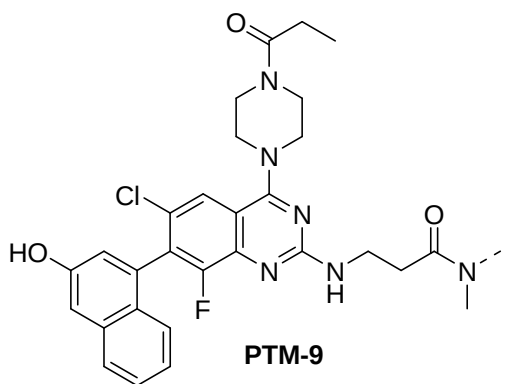
PTM-7

,



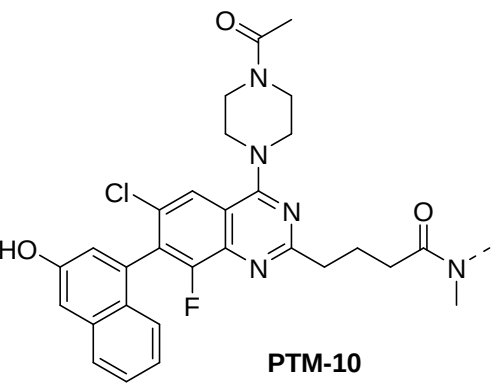
PTM-8

,



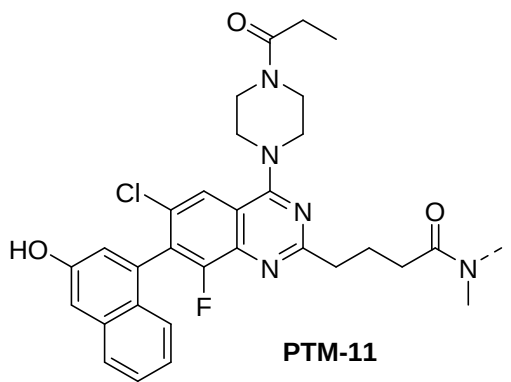
PTM-9

,



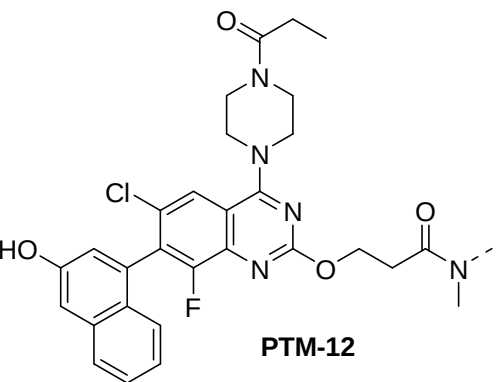
PTM-10

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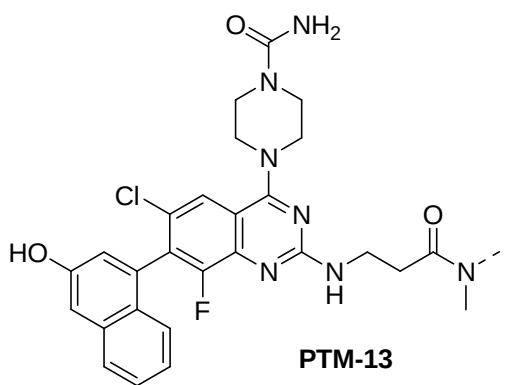
PTM-11

,



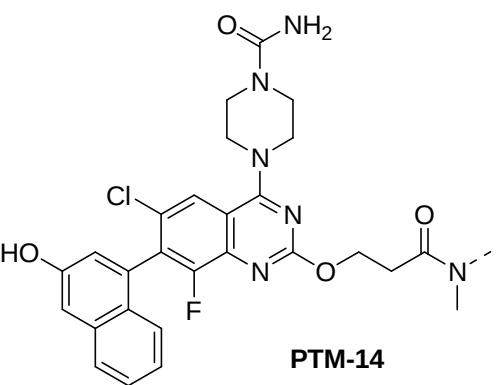
PTM-12

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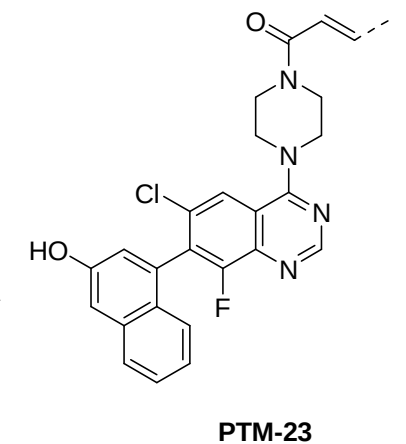
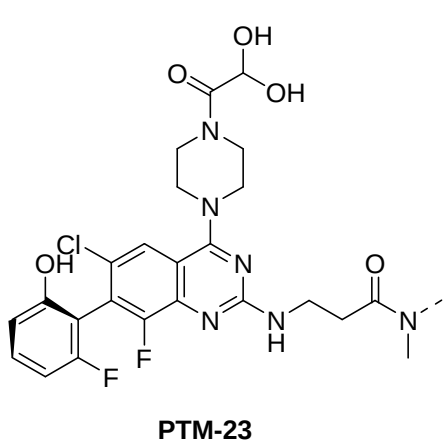
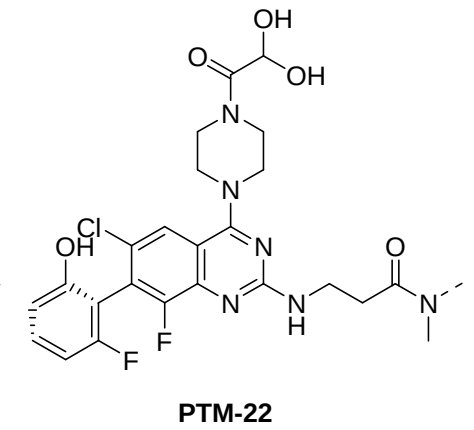
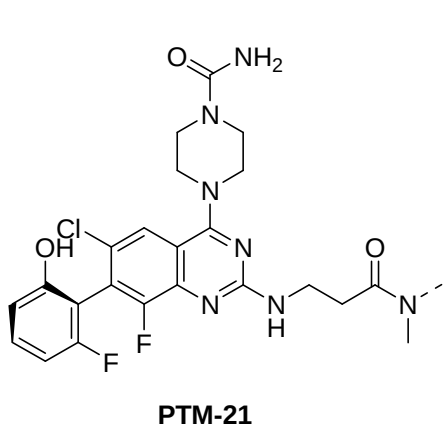
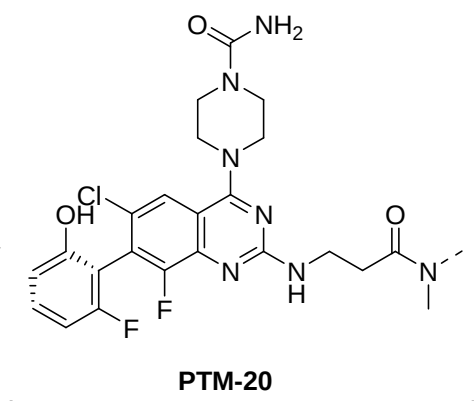
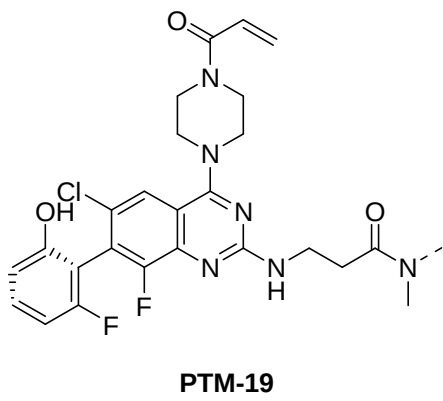
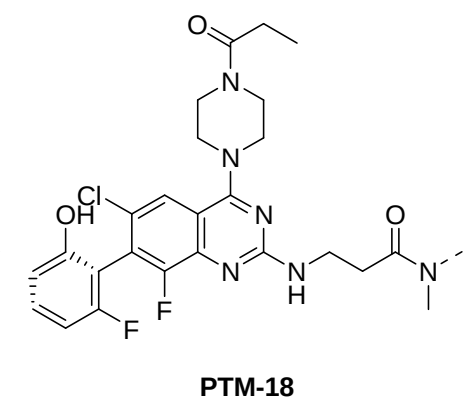
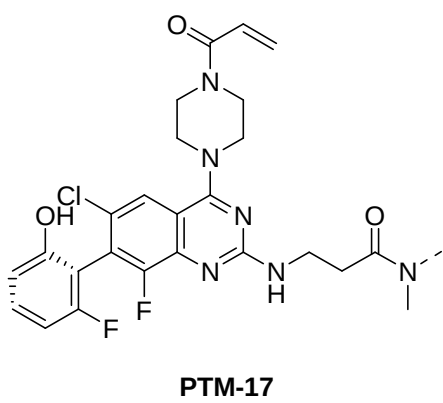
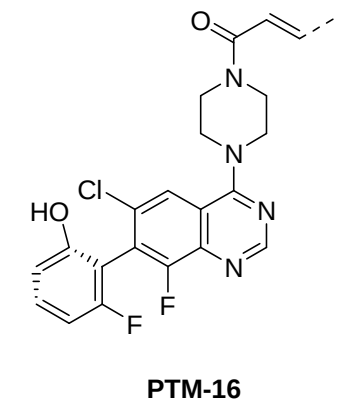
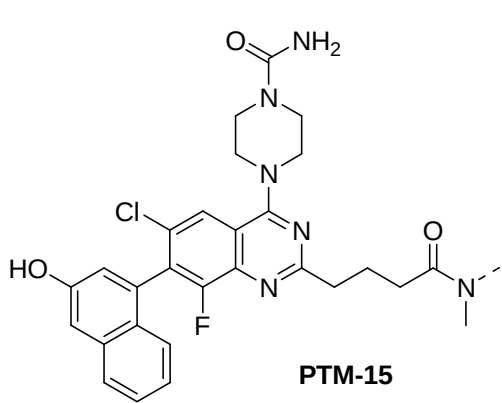
PTM-13

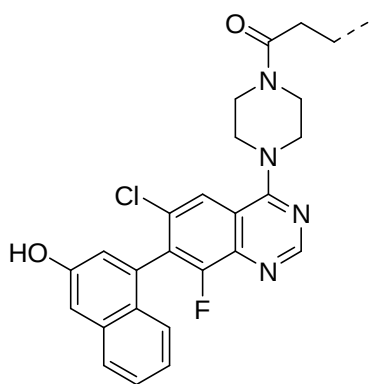
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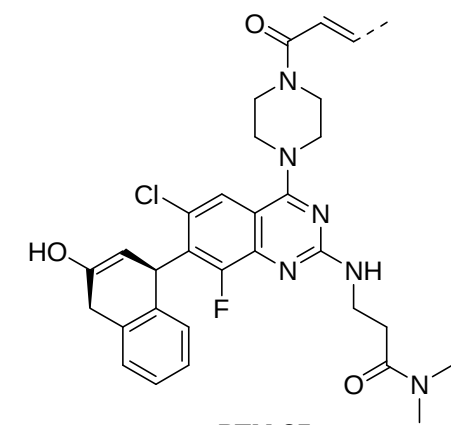
PTM-14

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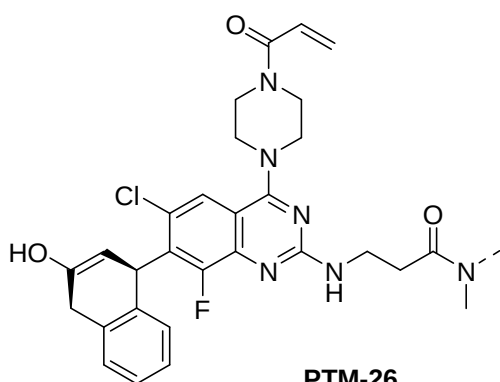




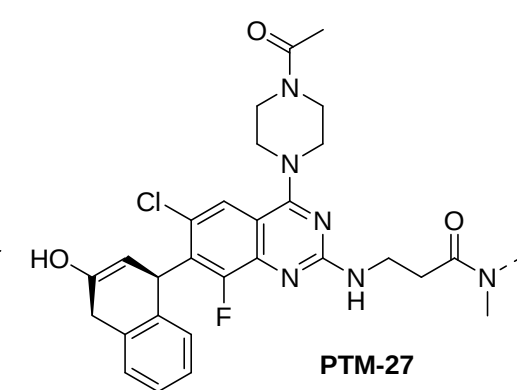
PTM-24



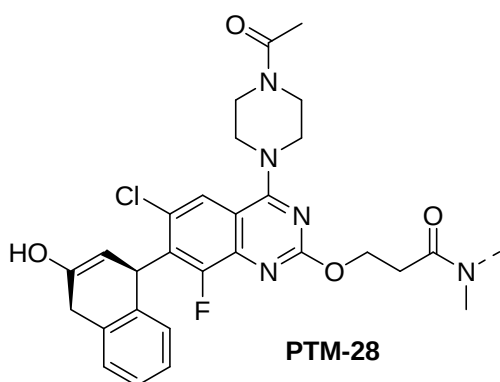
PTM-25



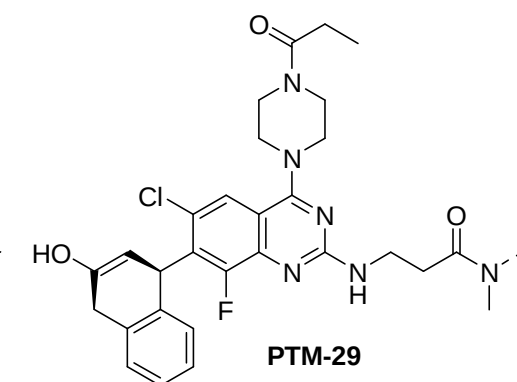
PTM-26



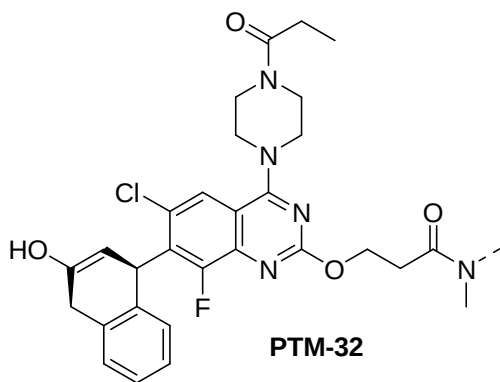
PTM-27



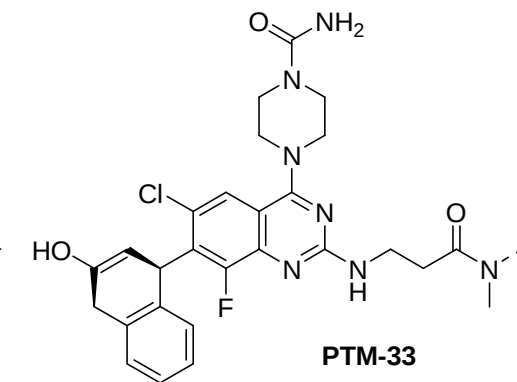
PTM-28



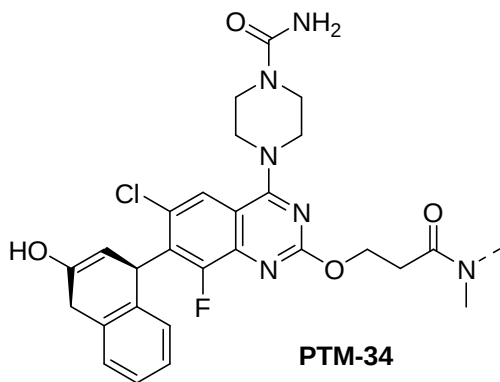
PTM-29



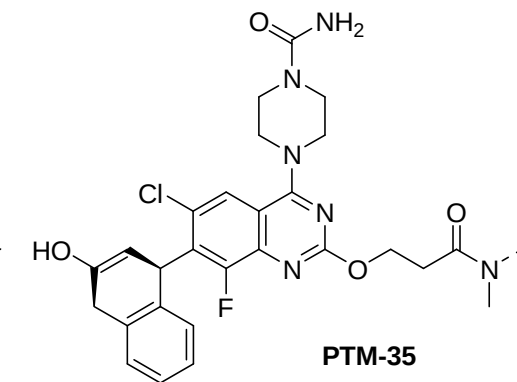
PTM-32



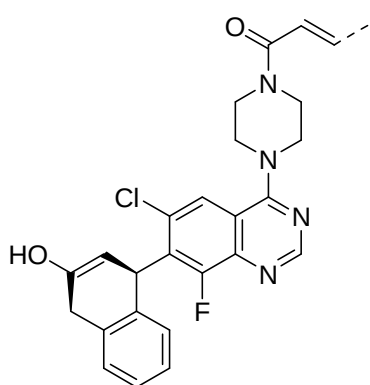
PTM-33



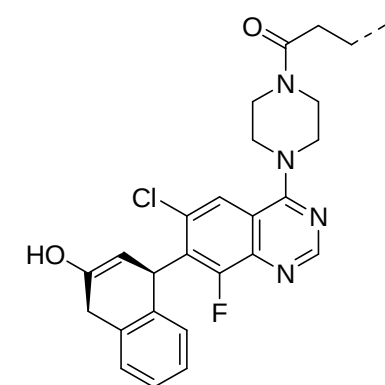
PTM-34



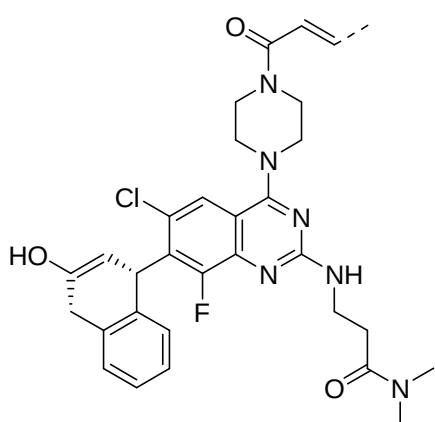
PTM-35



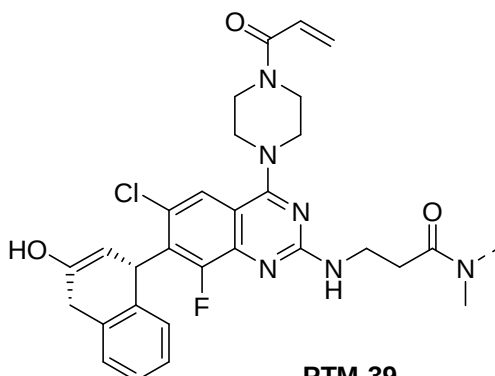
PTM-36



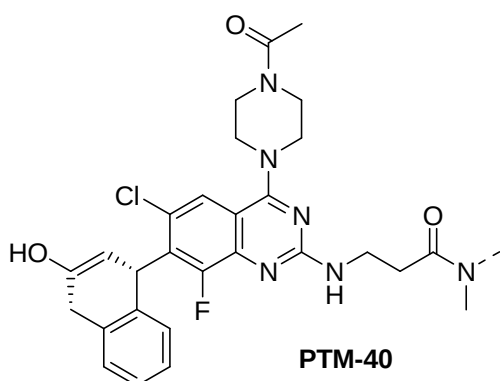
PTM-37



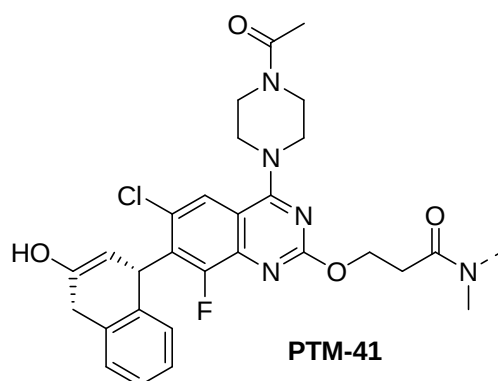
PTM-38



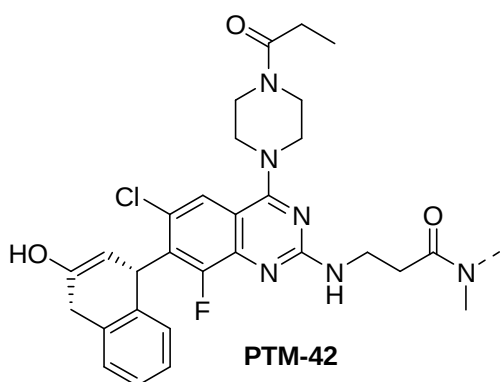
PTM-39



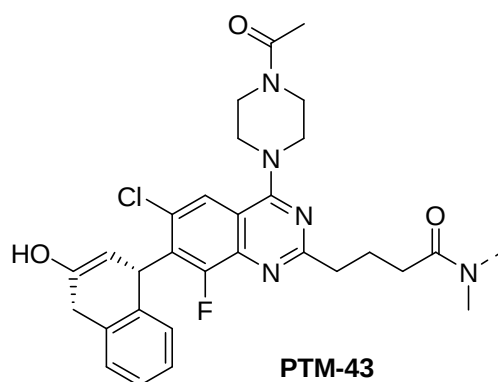
PTM-40



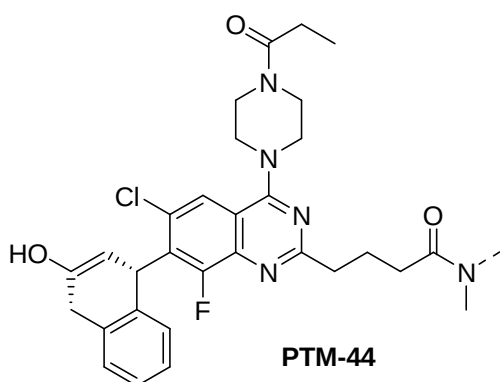
PTM-41



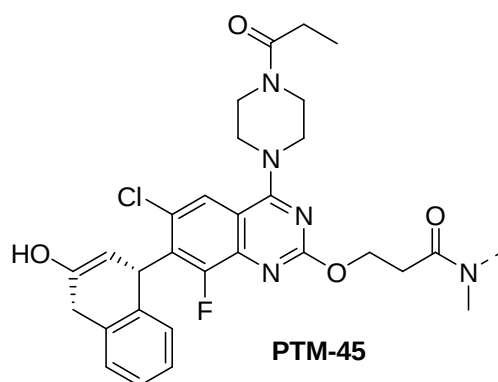
PTM-42



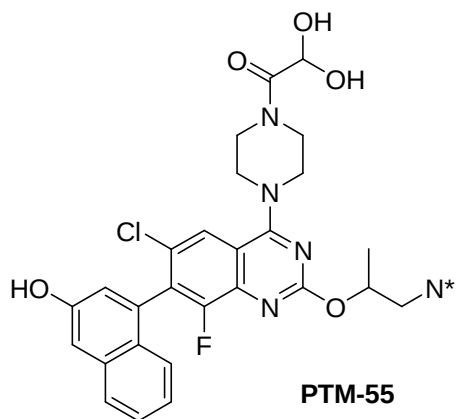
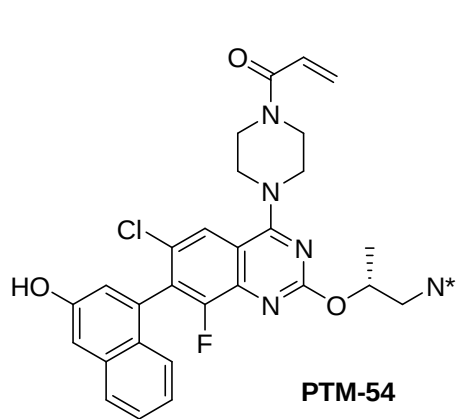
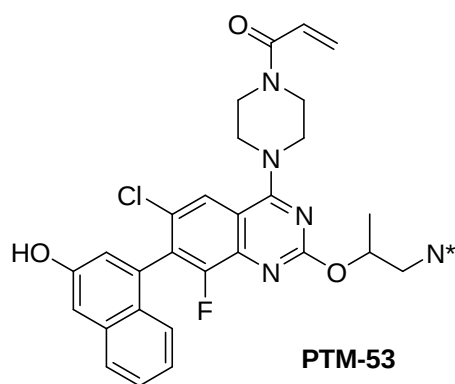
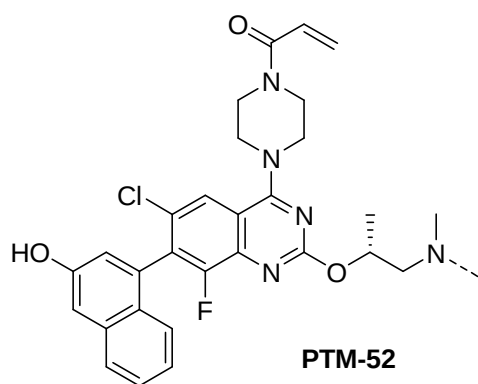
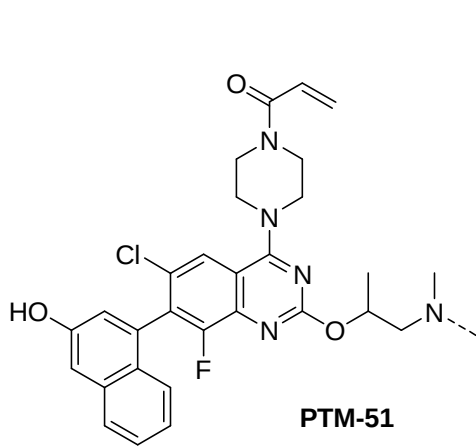
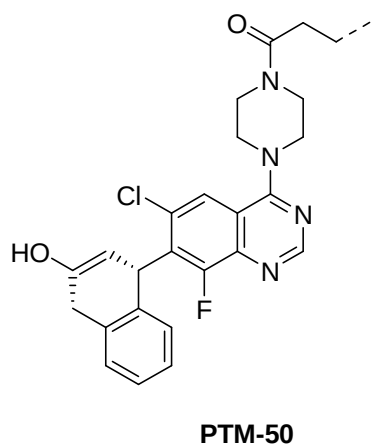
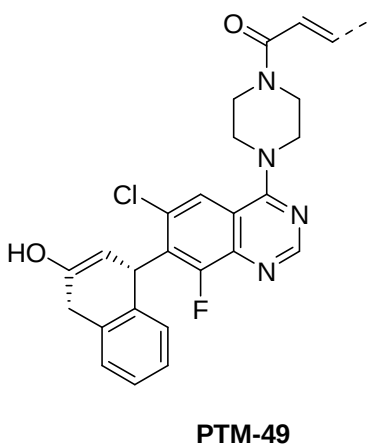
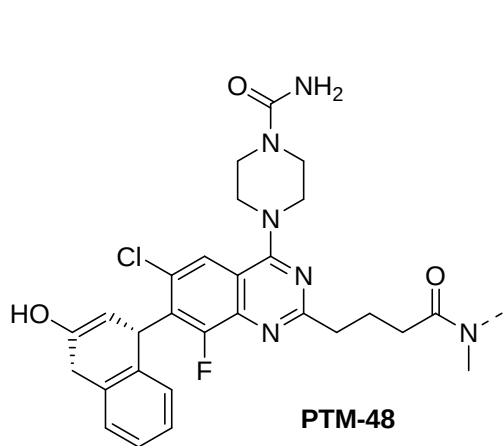
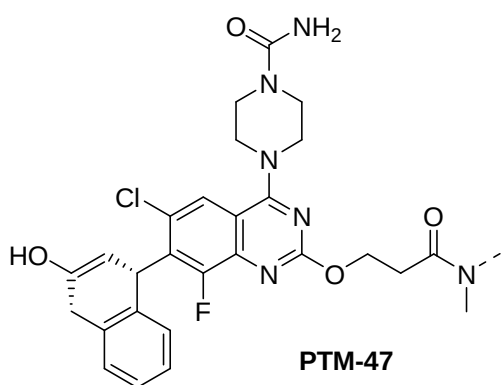
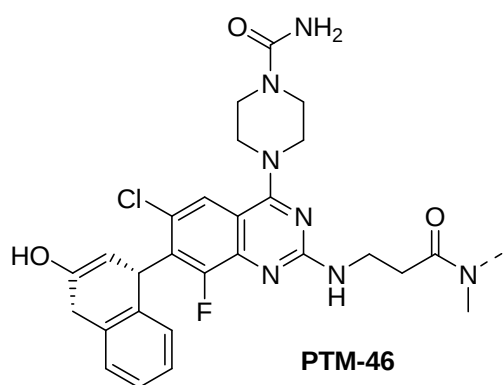
PTM-43

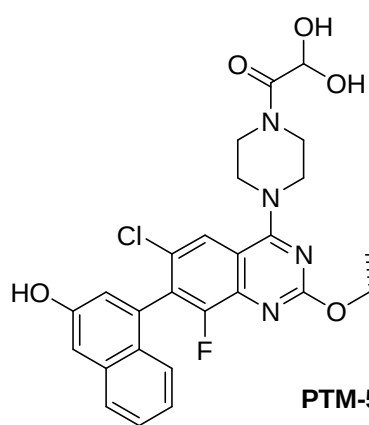


PTM-44

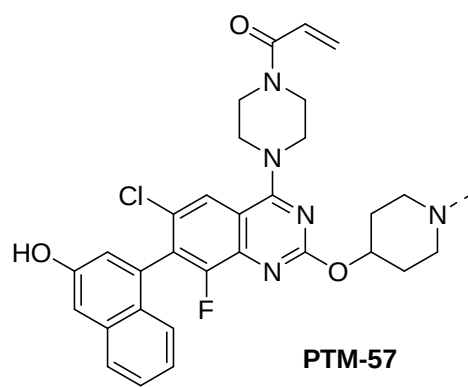


PTM-45

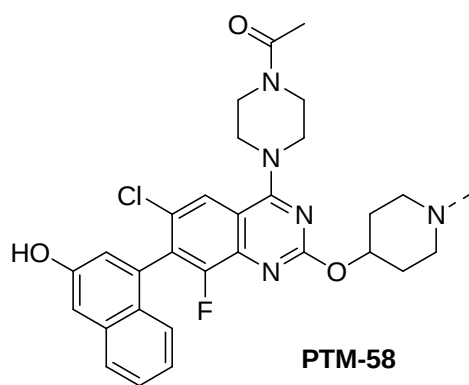




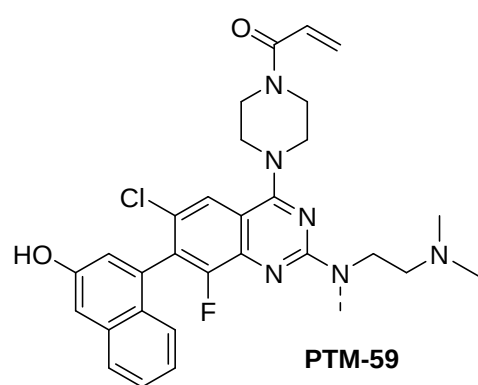
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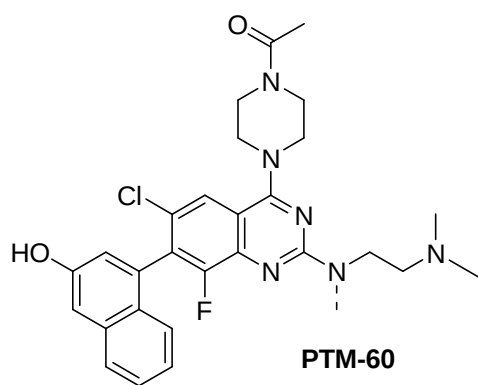
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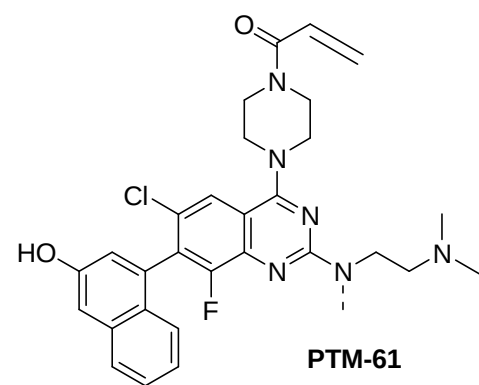
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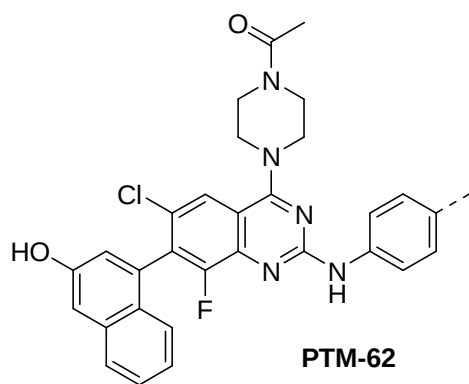
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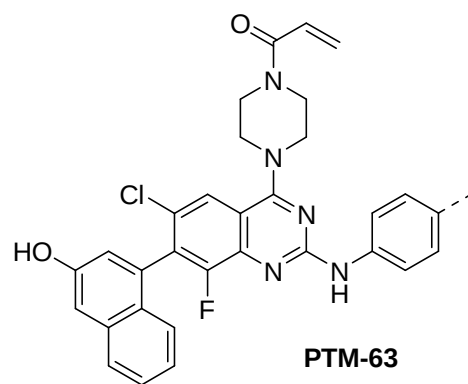
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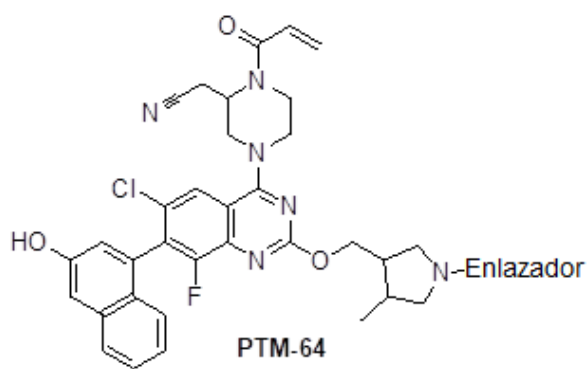
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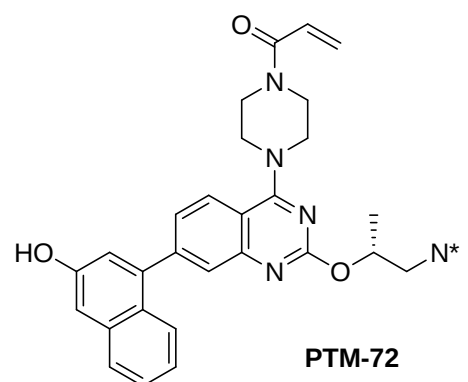
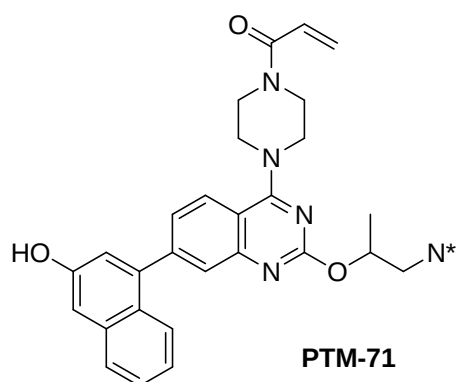
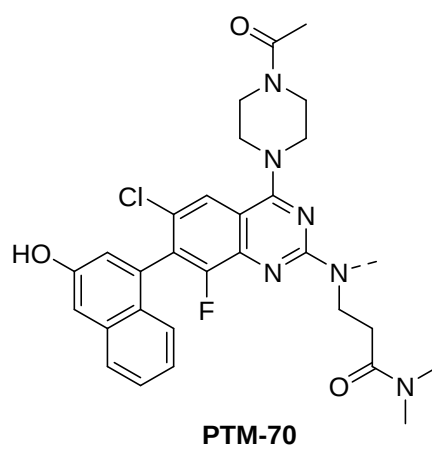
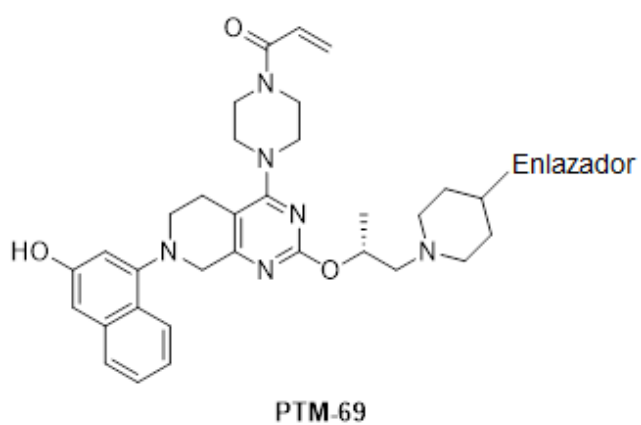
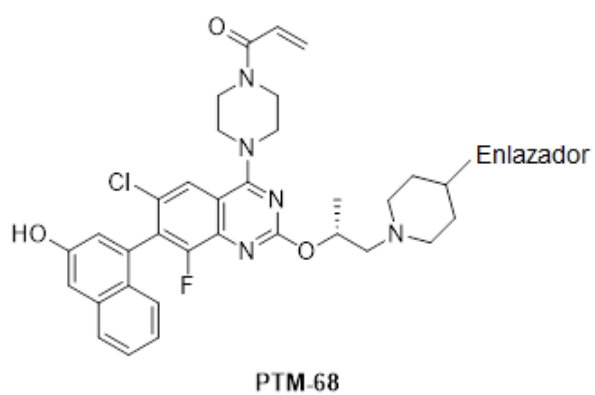
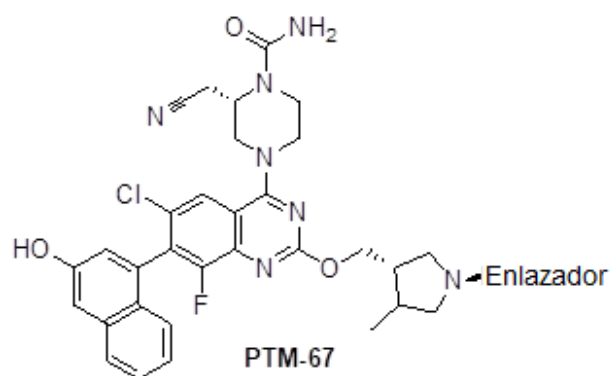
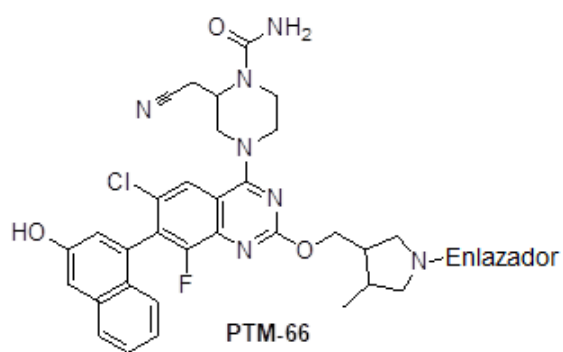
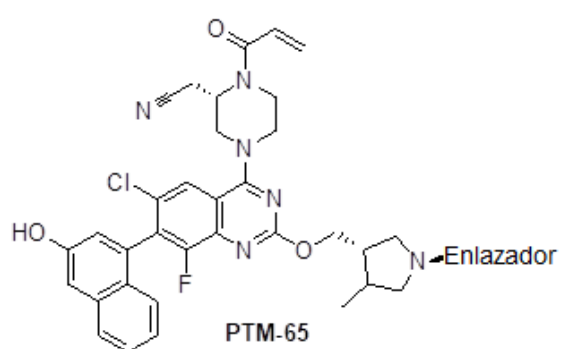
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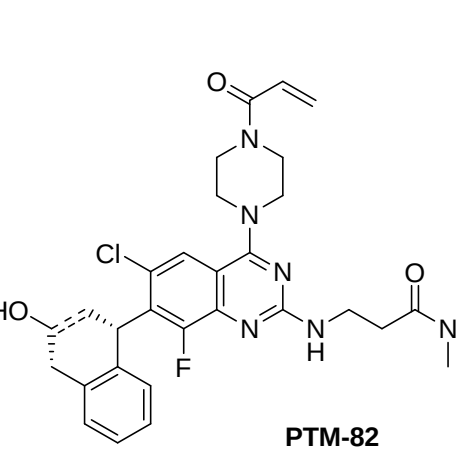
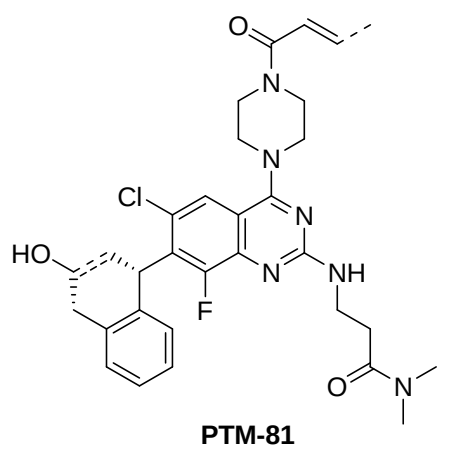
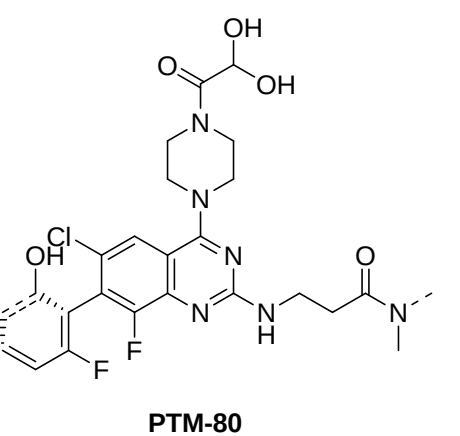
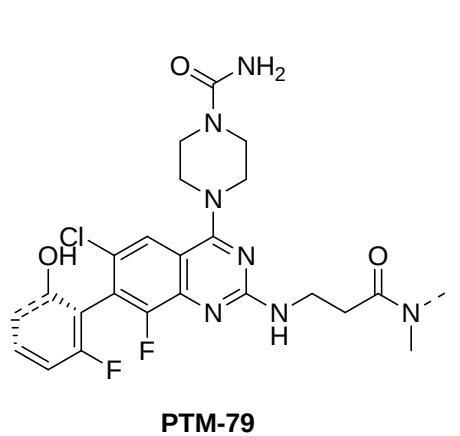
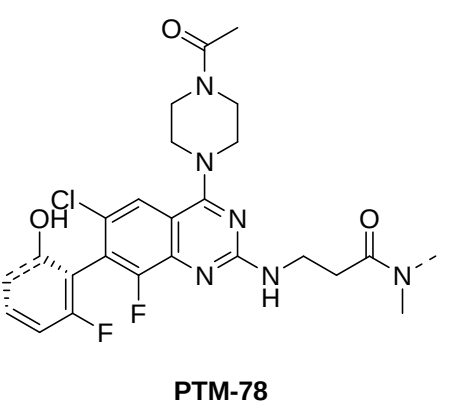
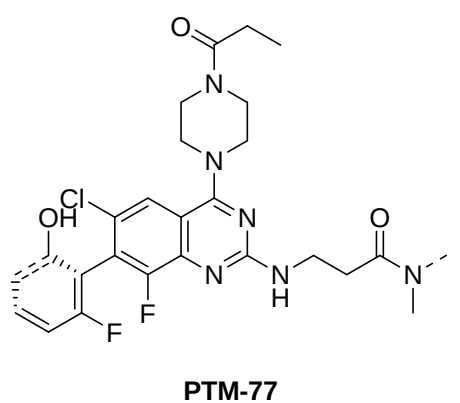
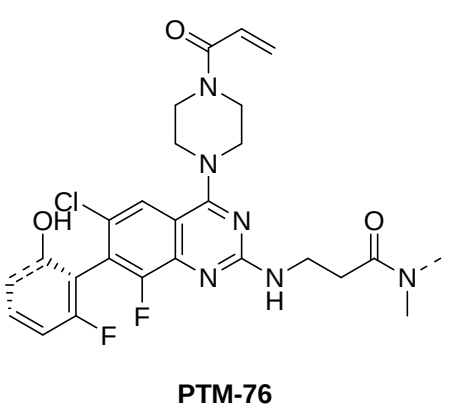
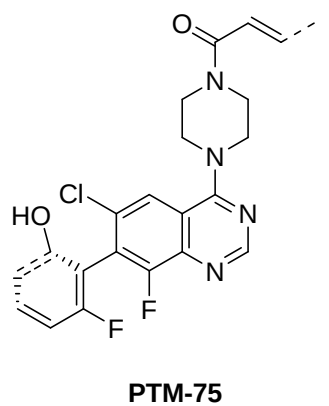
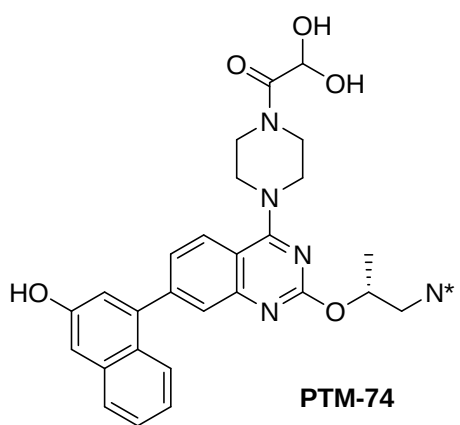
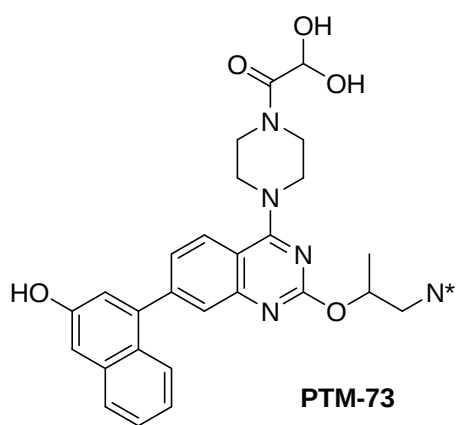


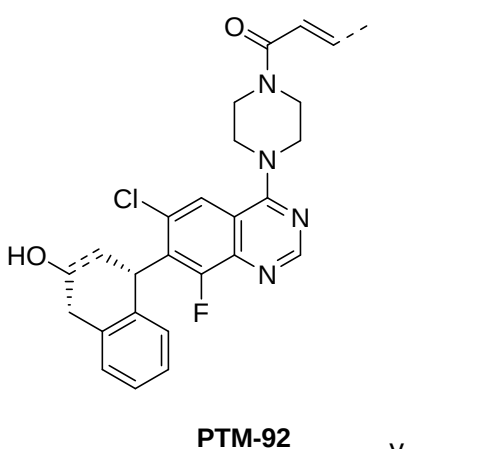
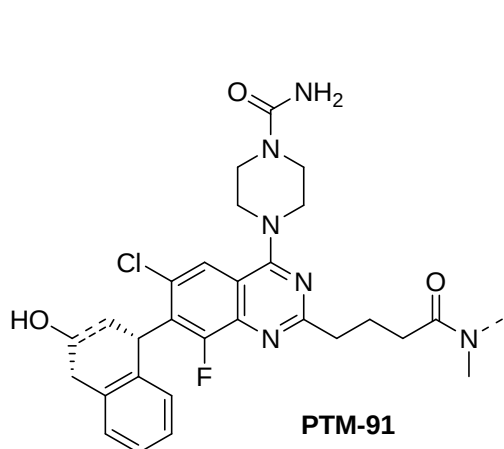
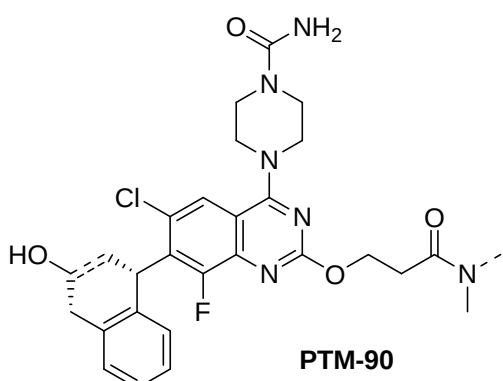
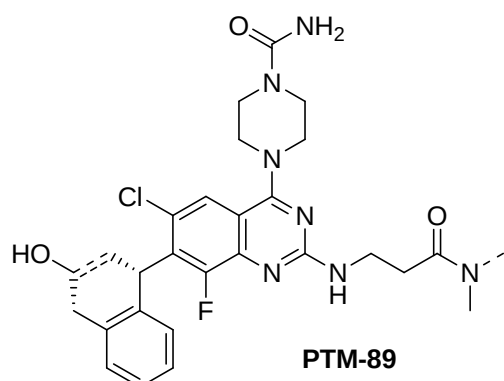
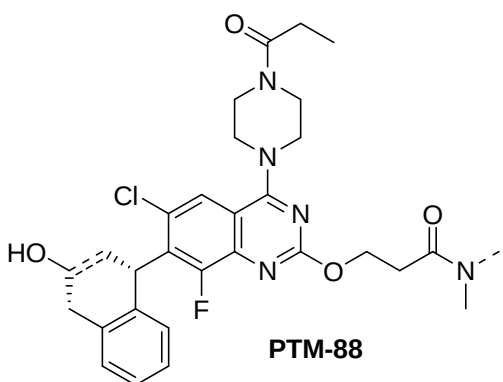
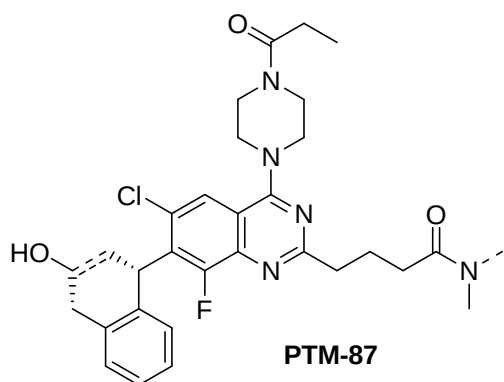
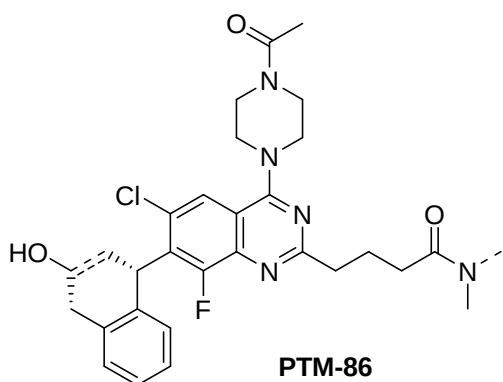
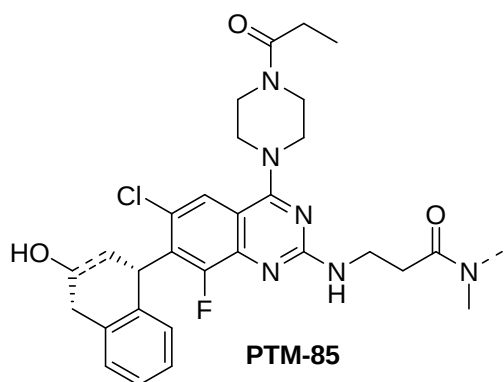
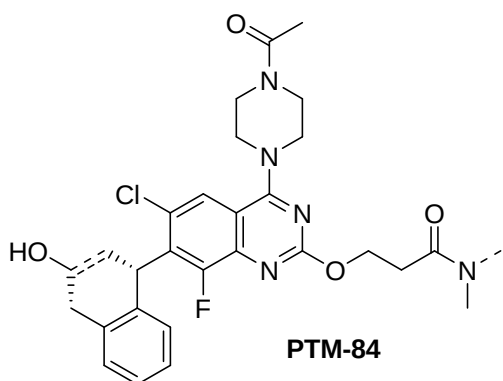
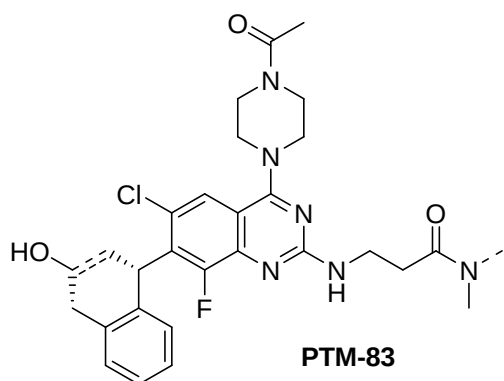
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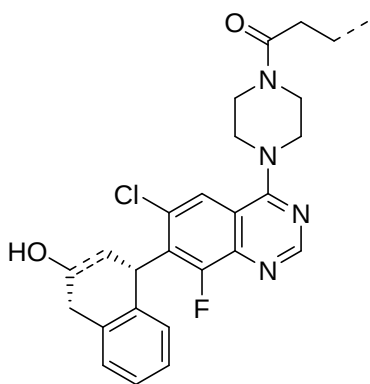


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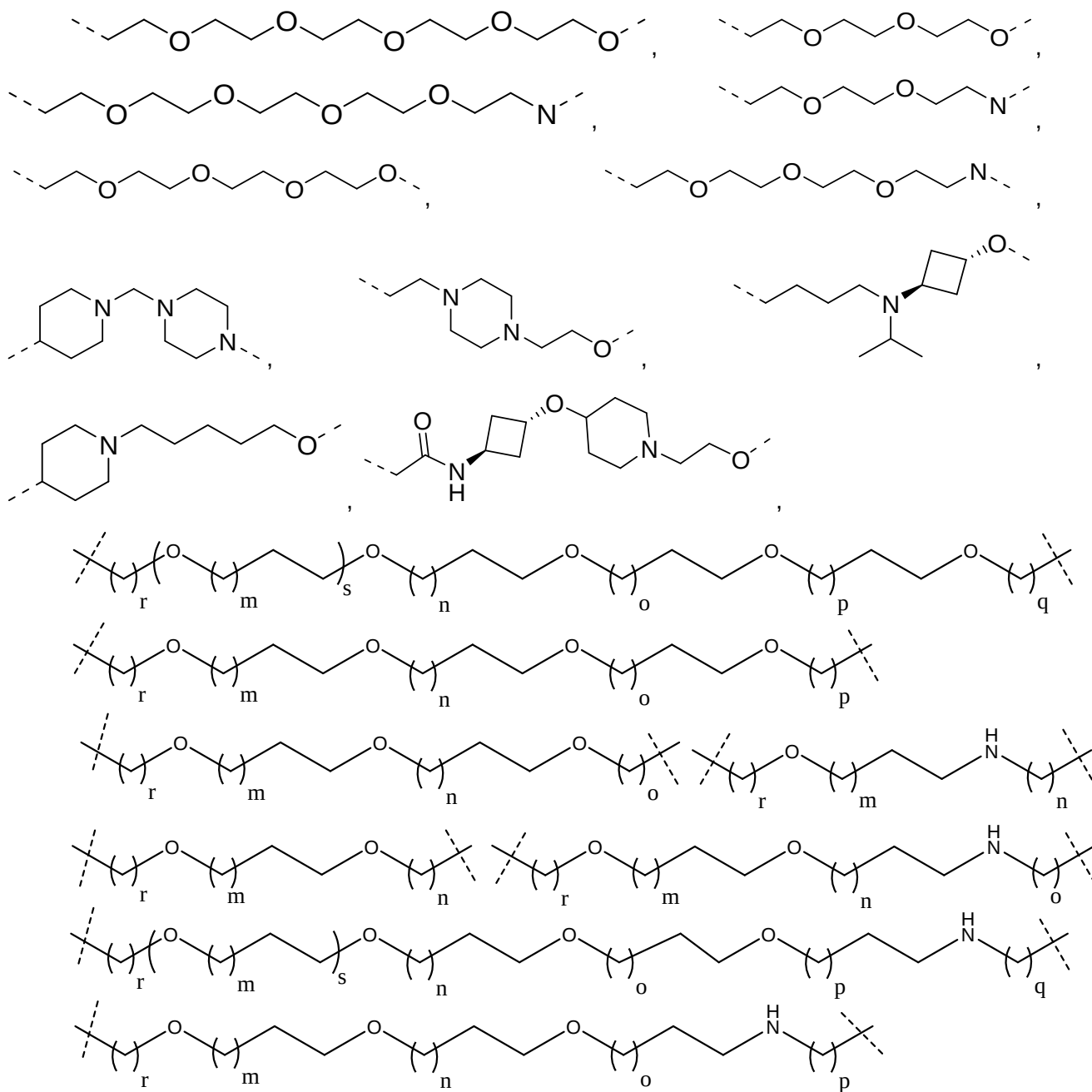


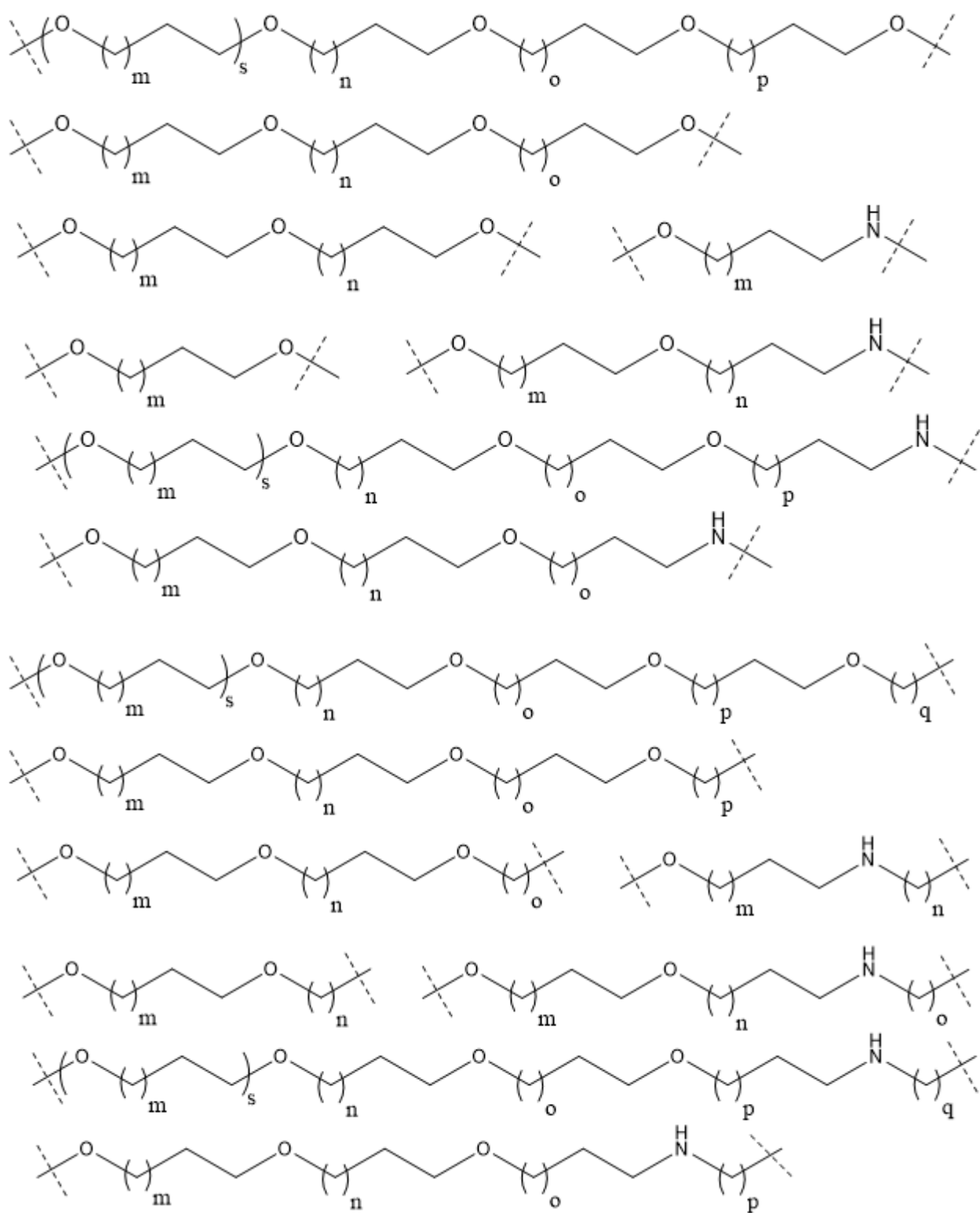


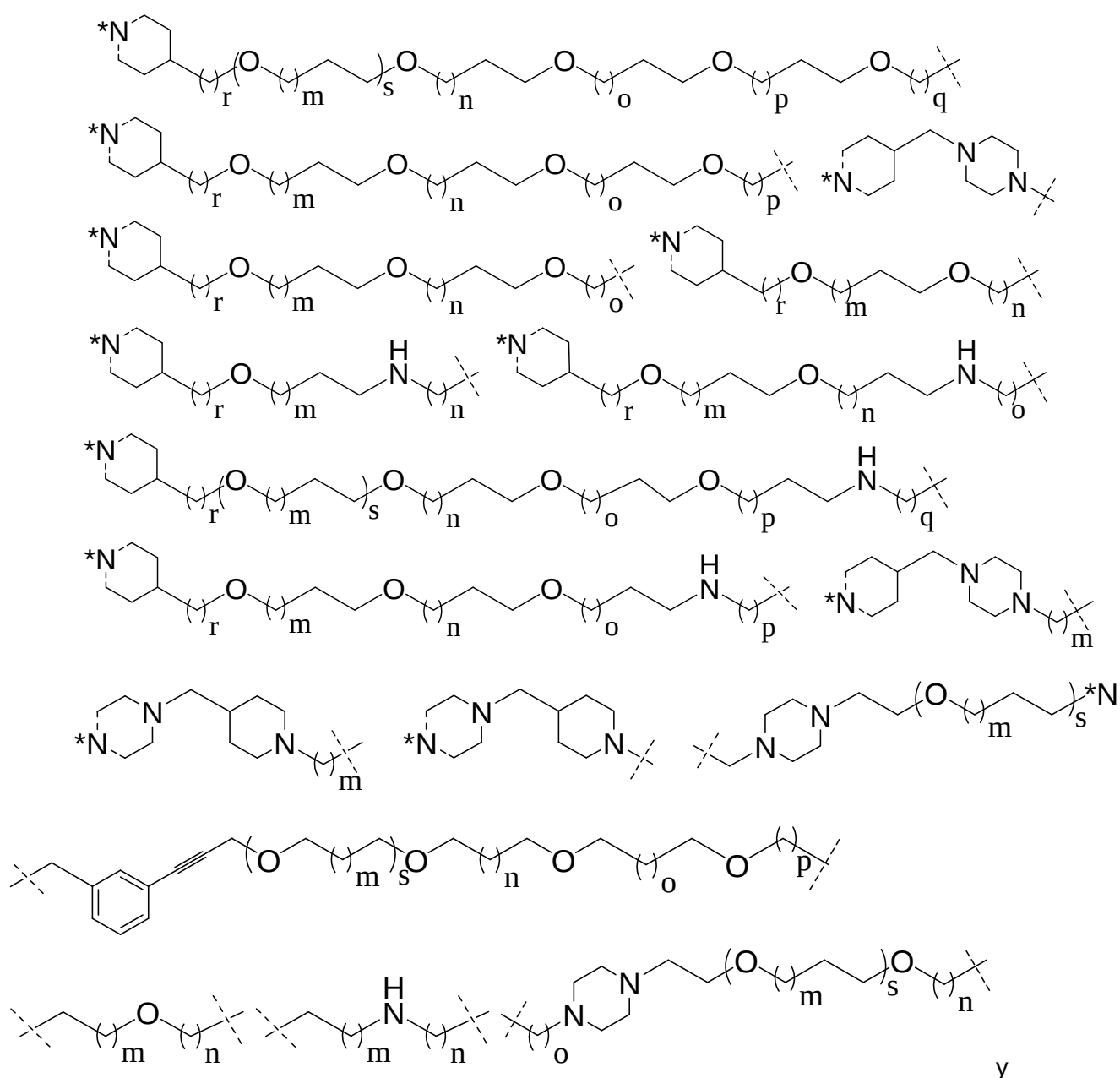


PTM-93

4. El compuesto de acuerdo con cualquiera de las reivindicaciones 1 a 3, en donde L se selecciona de entre:







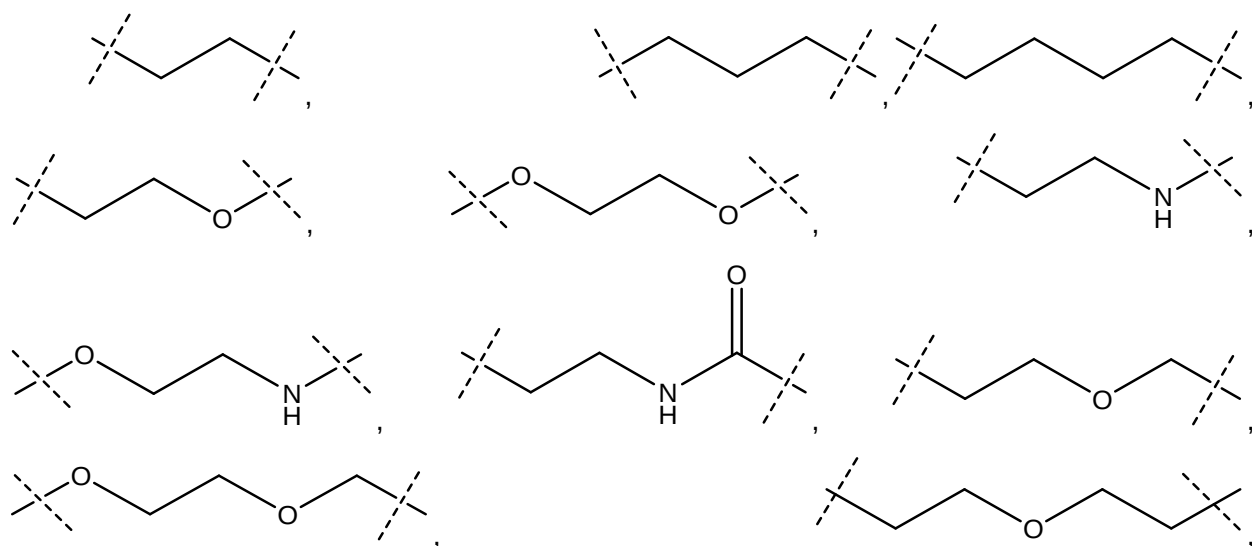
alquilo C_{1-6} ,

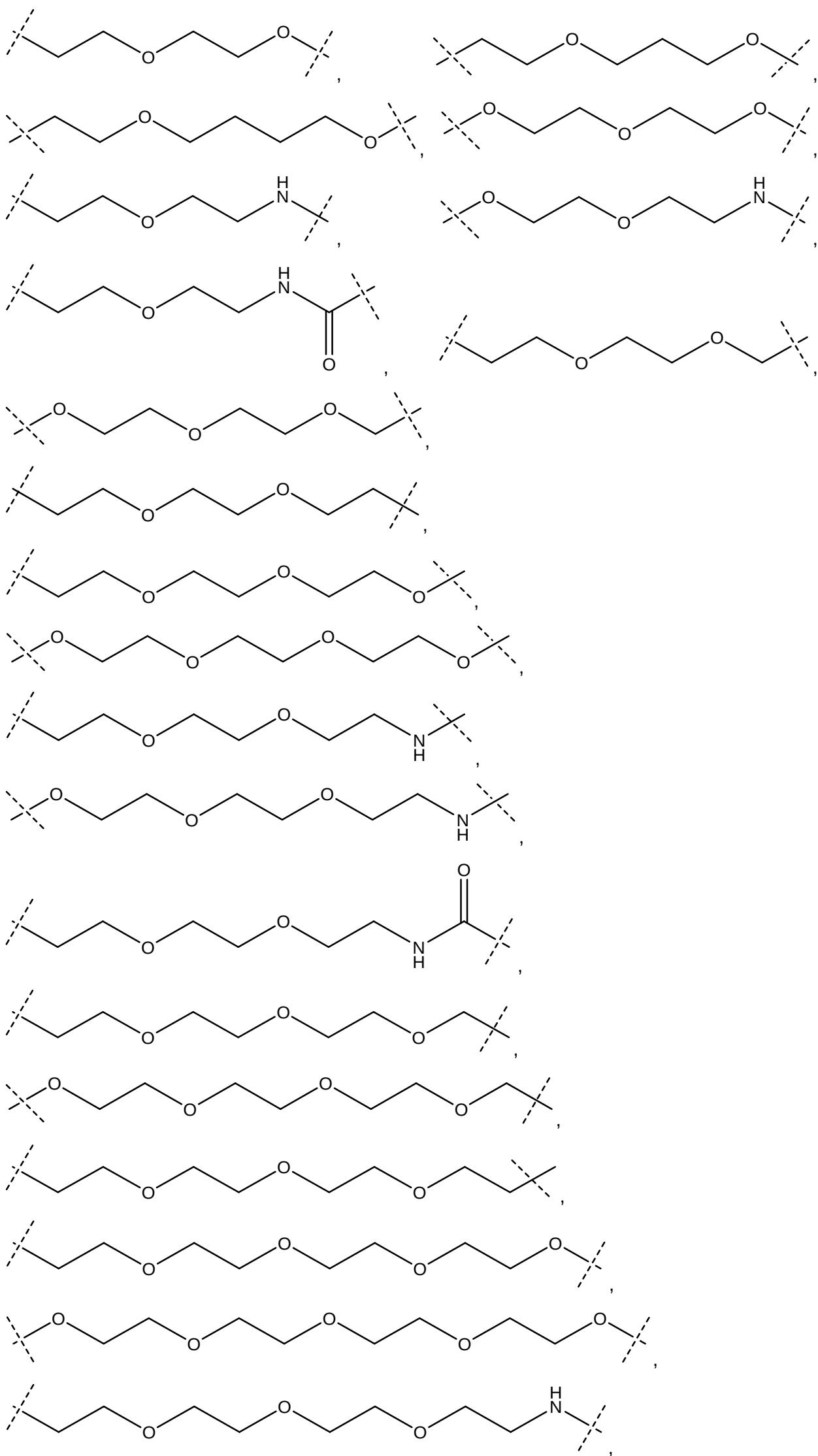
donde:

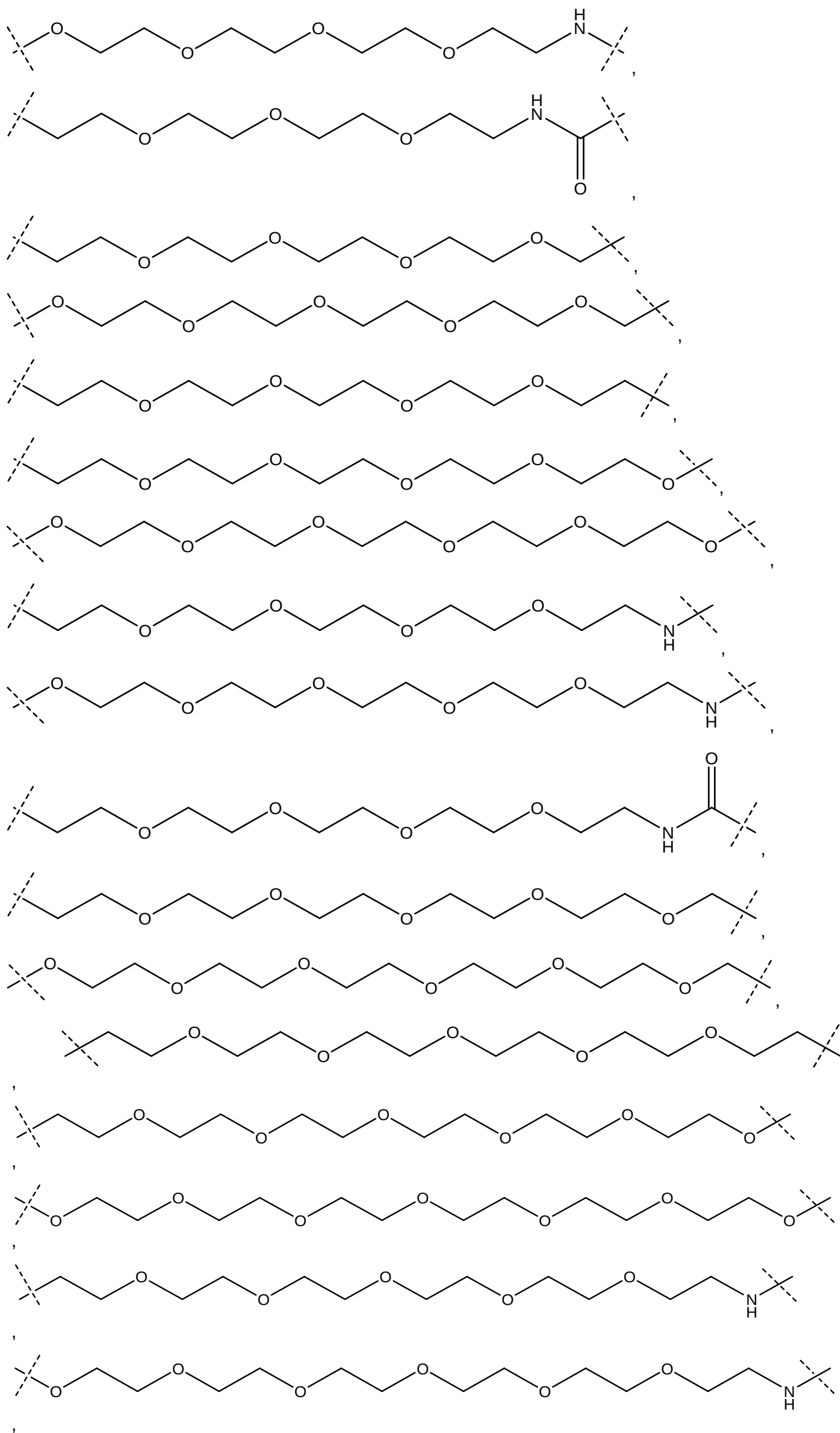
*N del heterocicloalquilo es compartido con el PTM; y

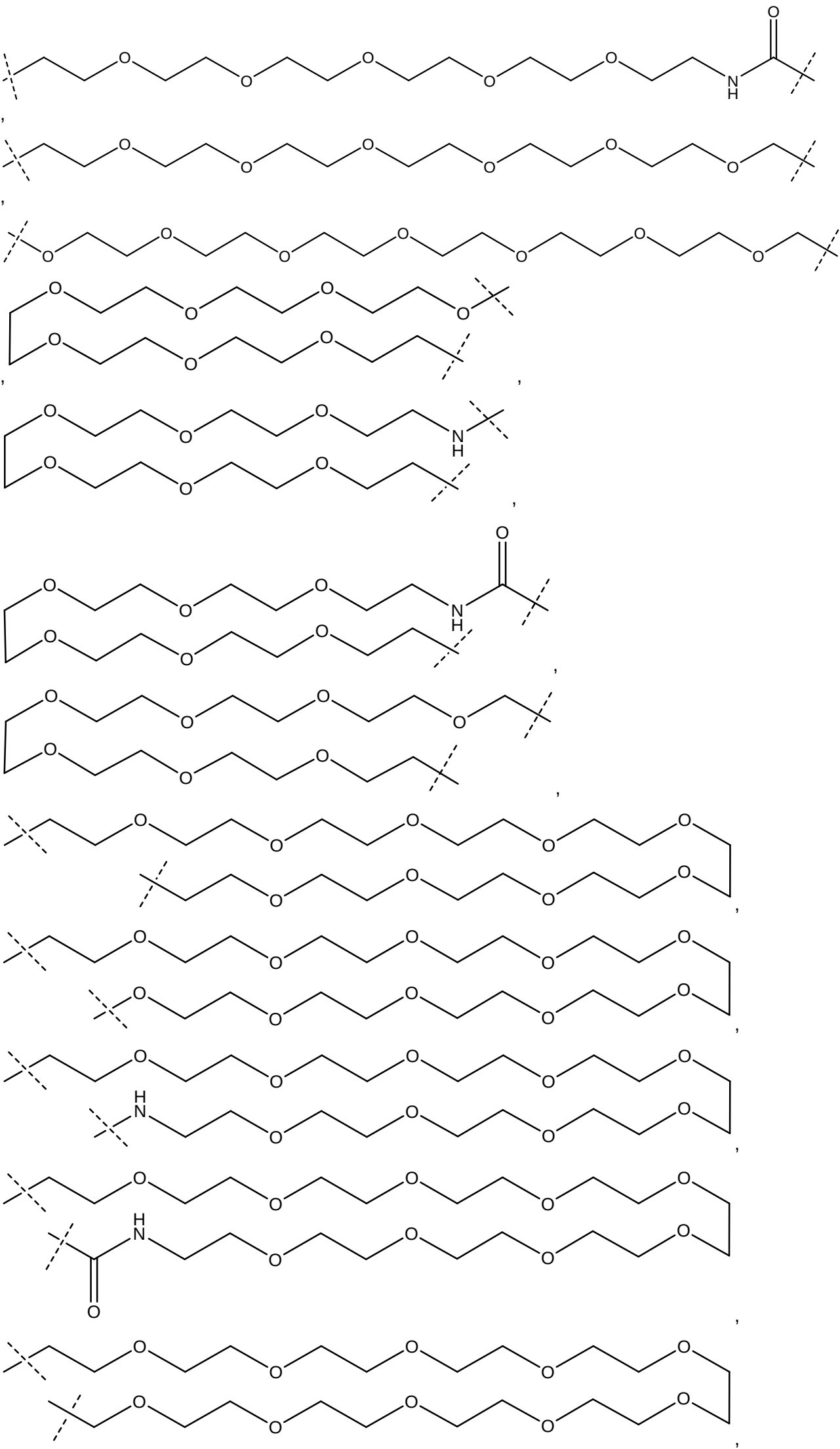
cada m, n, o, p, q, r y s se selecciona de manera independiente de entre 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19 y 20.

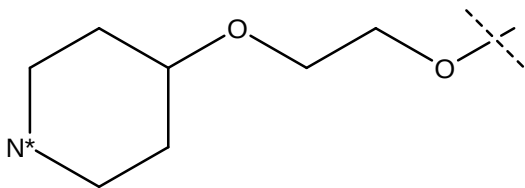
5. El compuesto de acuerdo con cualquiera de las reivindicaciones 1 a 3, en donde el L se selecciona de entre:



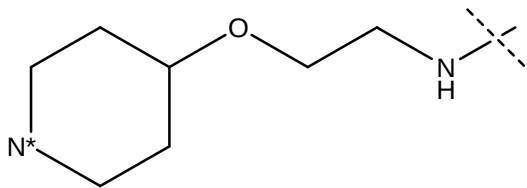




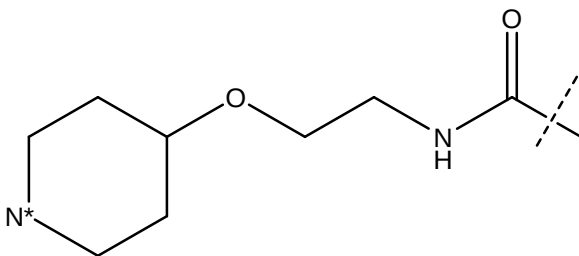




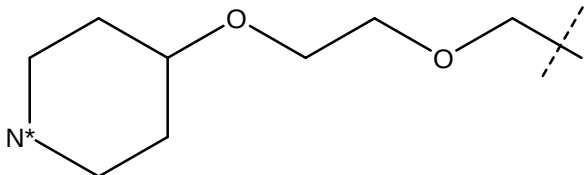
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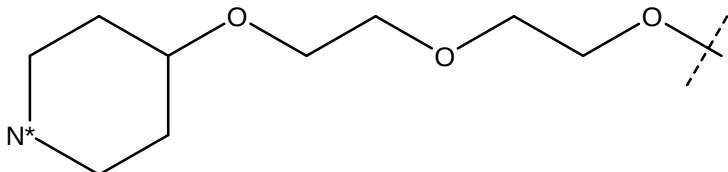
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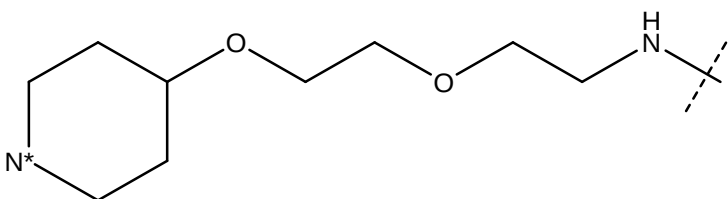
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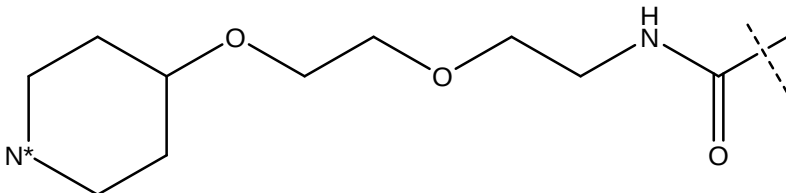
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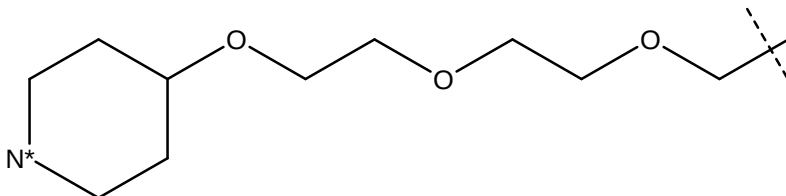
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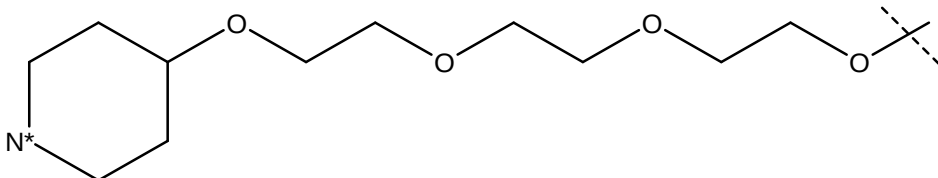
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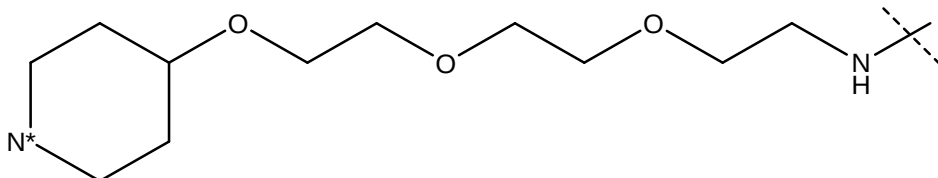
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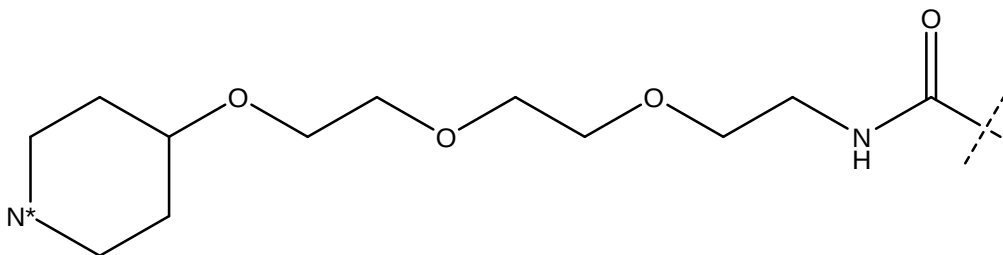
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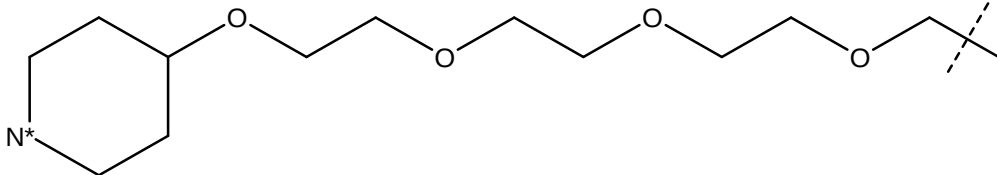
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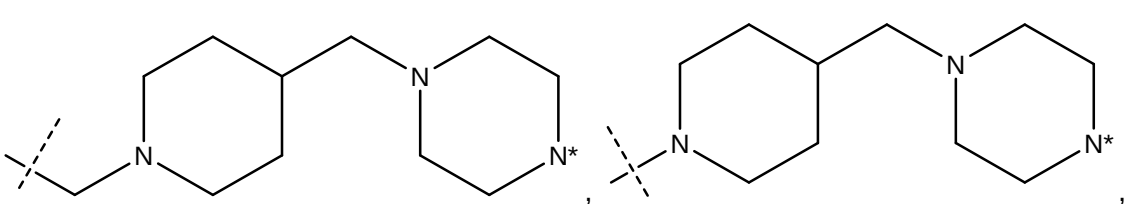
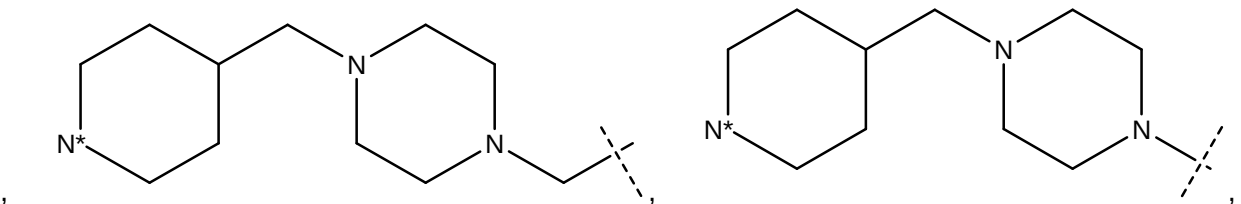
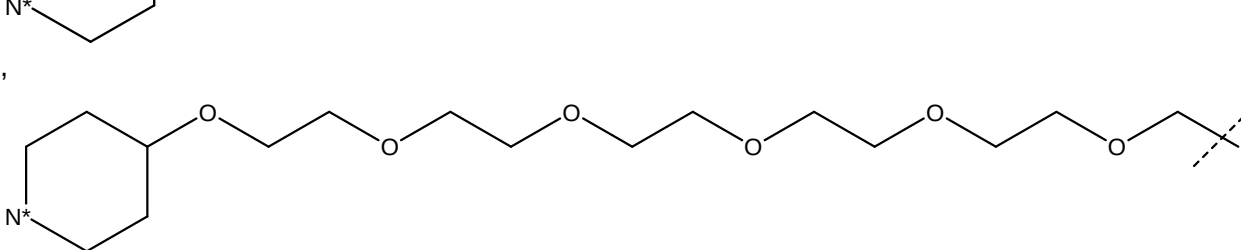
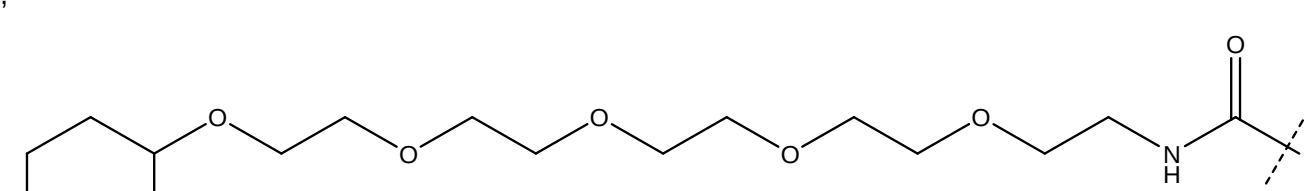
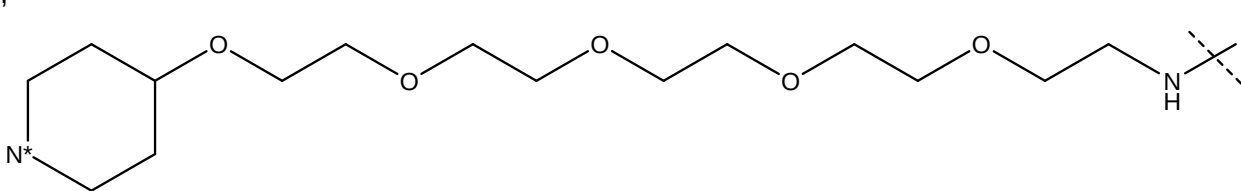
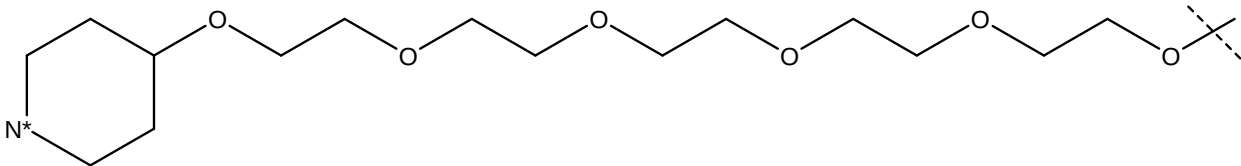
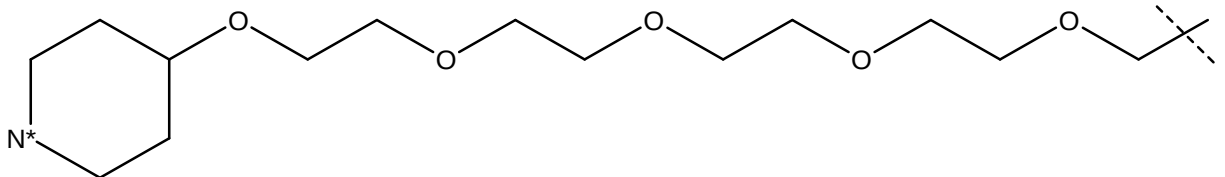
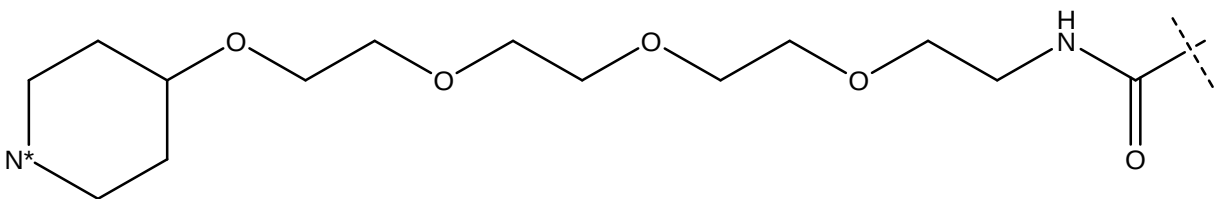
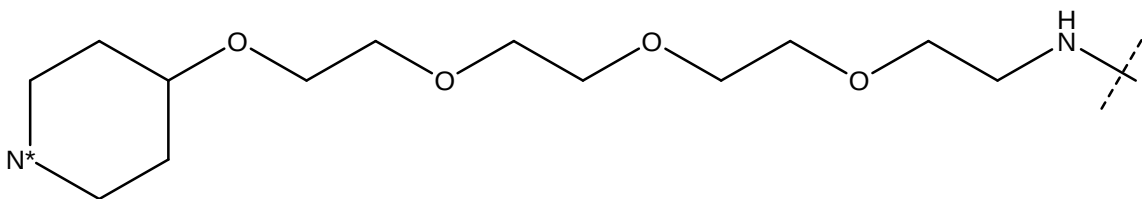
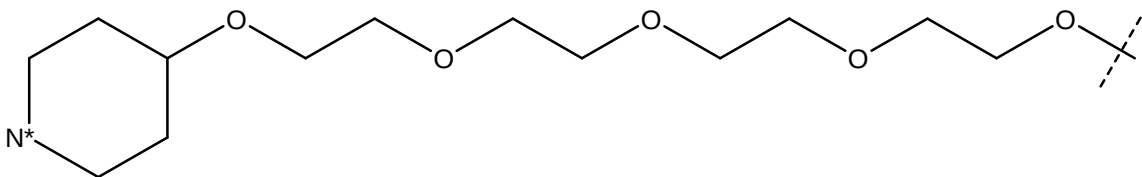
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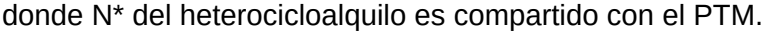


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donde:

cada uno de W^{L1} y W^{L2} de manera independiente está ausente o es un anillo de 4-8 miembros con 0-4 heteroátomos opcionalmente sustituido con R^Q ;

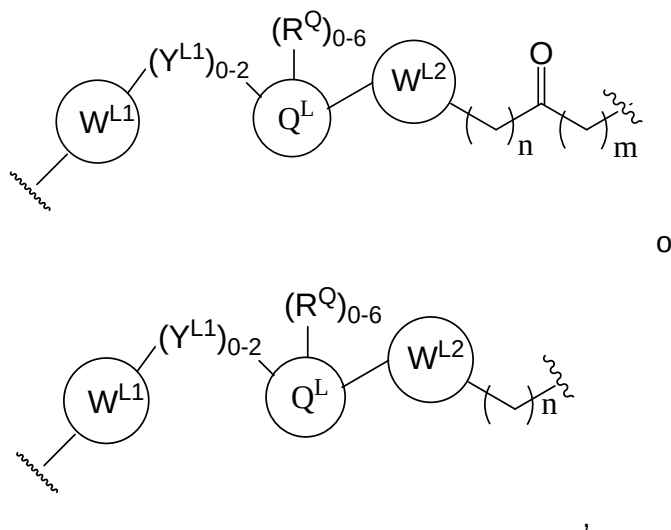
cada R^Q es de manera independiente H, halo, OH, CN, alquilo C_{1-6} opcionalmente sustituido, alcoxi C_{1-6} opcionalmente sustituido, o 2 R^Q tomados junto con el átomo al que se unen forman un sistema de anillo de 4-8 miembros que contiene 0-4 heteroátomos;

cada Y^{L1} es de manera independiente un enlace o alquilo C_{1-6} opcionalmente sustituido, en donde uno o más átomos de C se remplazan opcionalmente con O;

m y n son independientemente 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, o 10; y

 indica el punto de unión al PTM o al ULM.

9. El compuesto de acuerdo con cualquiera de las reivindicaciones 1 a 3, donde el L es:



en donde:

cada uno de W^{L1} y W^{L2} de manera independiente está ausente o es ariilo, heteroarilo, cíclico, heterocíclico, alquilo C_{1-6} , en donde uno o más átomos de C se remplazan opcionalmente con O o N, alquenilo C_{1-6} , en donde uno o más átomos de C se remplazan opcionalmente con O, alquinilo C_{1-6} , en donde uno o más átomos de C se remplazan opcionalmente con O, bicíclico, biarilo, biheteroarilo o biheterocíclico, cada uno opcionalmente sustituido con R^Q ;

cada R^Q es de manera independiente H, halo, OH, CN, CF_3 , hidroxilo, nitro, $C\equiv CH$, alquenilo C_{2-6} , alquinilo C_{2-6} , alquilo C_{1-6} opcionalmente sustituido, alcoxi C_{1-6} opcionalmente sustituido, Oalquilo C_{1-3} opcionalmente sustituido, OH, NH_2 , $NR^{Y1}R^{Y2}$, o CN, o 2 R^Q , tomados junto con el átomo al que se unen, forman un sistema de anillo de 4-8 miembros que contiene 0-4 heteroátomos;

cada Y^{L1} es de manera independiente un enlace, NR^{YL1} , O, S, NR^{YL2} , $CR^{YL1}R^{YL2}$, $C=O$, $C=S$, SO, SO_2 , alquilo C_{1-6} opcionalmente sustituido, en donde uno o más átomos de C se remplazan opcionalmente con O, o anillo alicíclico o aromático de 3-6 miembros con 0-4 heteroátomos;

Q^L es anillo alicíclico o aromático de 3-6 miembros con 0-4 heteroátomos, opcionalmente con puente, opcionalmente sustituido con 0-6 R^Q ;

cada R^Q es de manera independiente H, alquilo C_{1-6} opcionalmente sustituido, o 2 R^Q , tomados junto con el átomo al que se unen, forman un sistema de anillo de 3-8 miembros que contiene 0-2 heteroátomos;

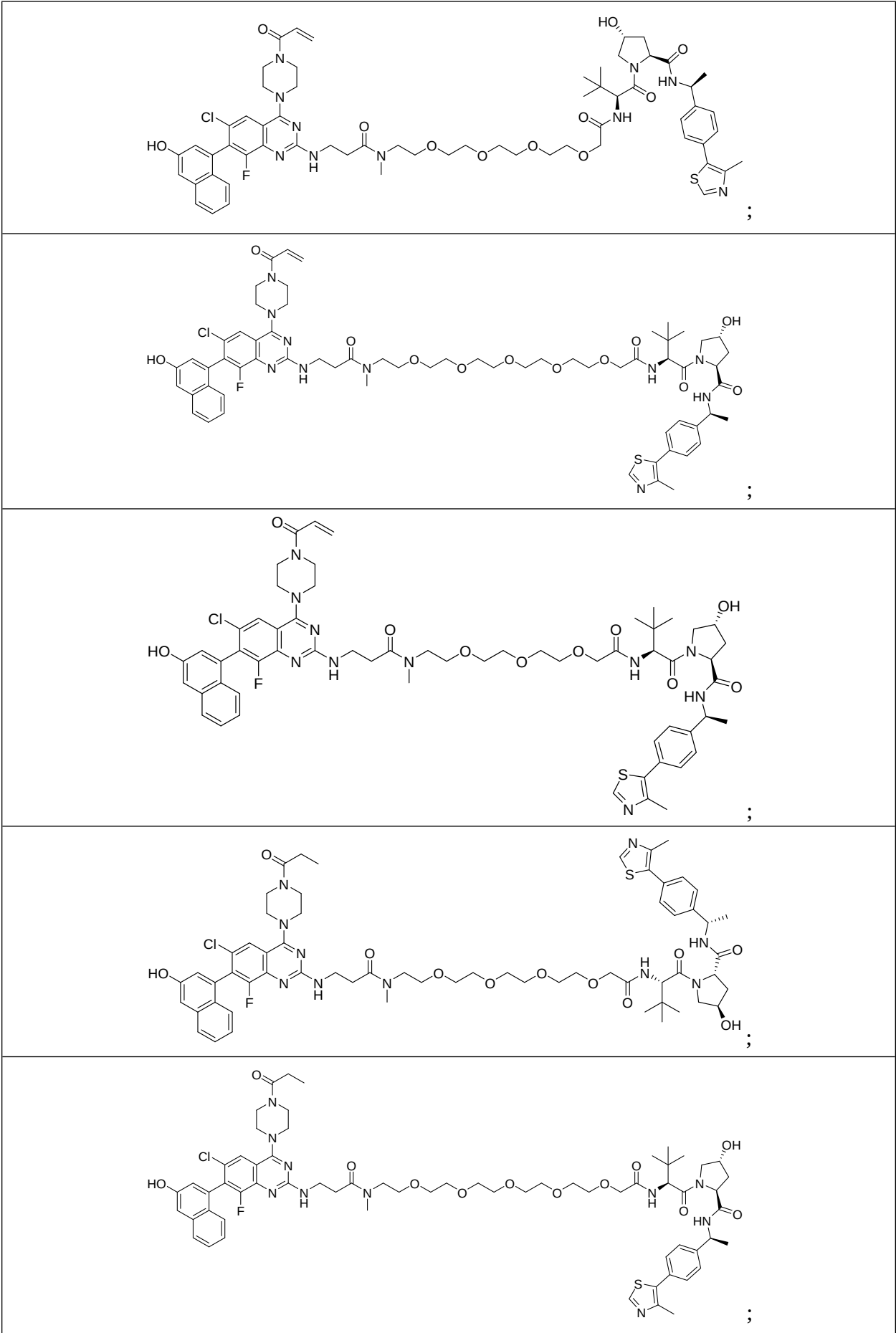
R^{YL1} y R^{YL2} son cada uno de manera independiente seleccionado de entre H, OH, y

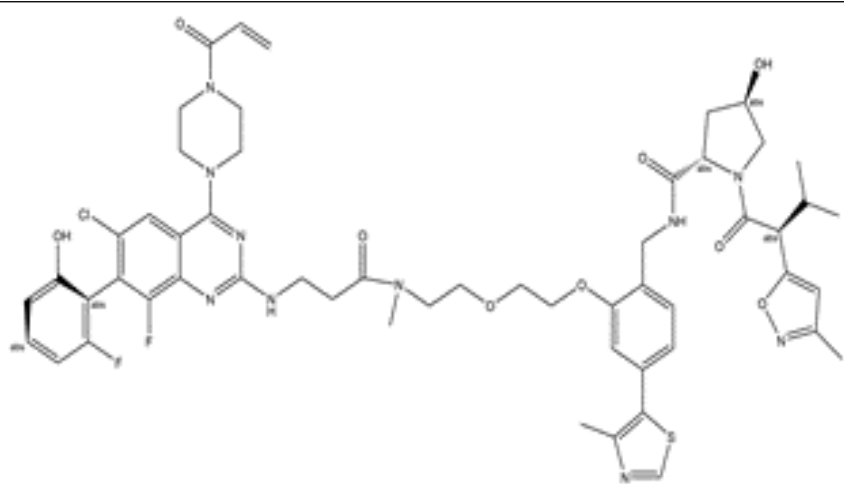
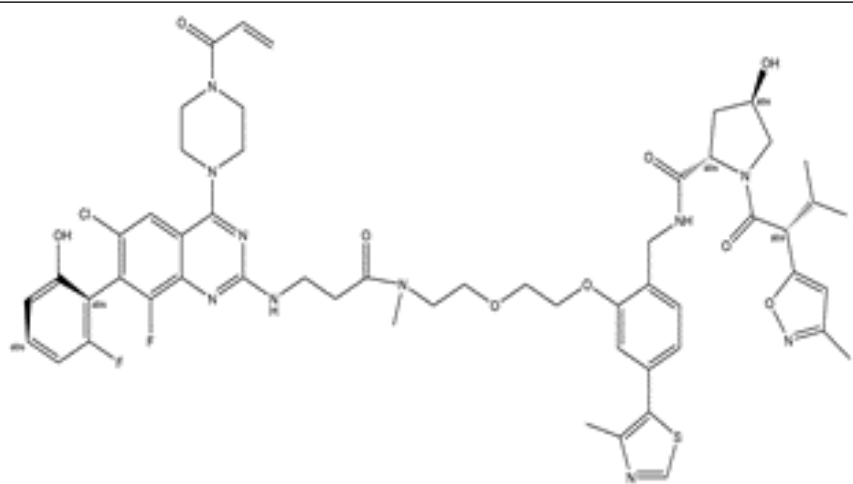
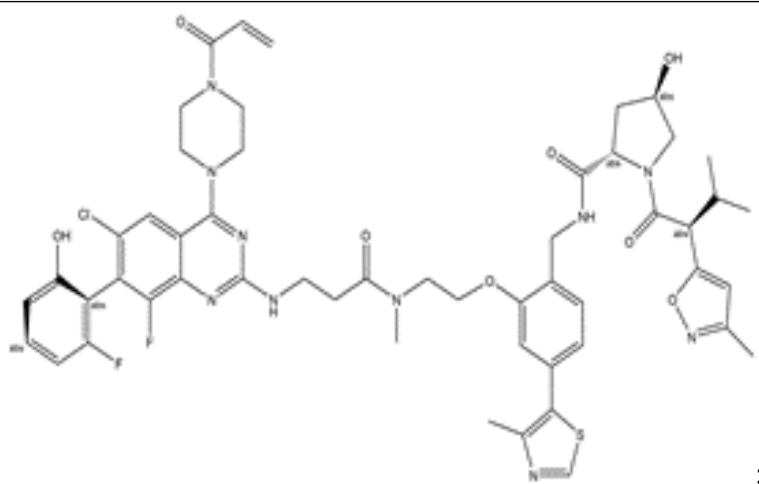
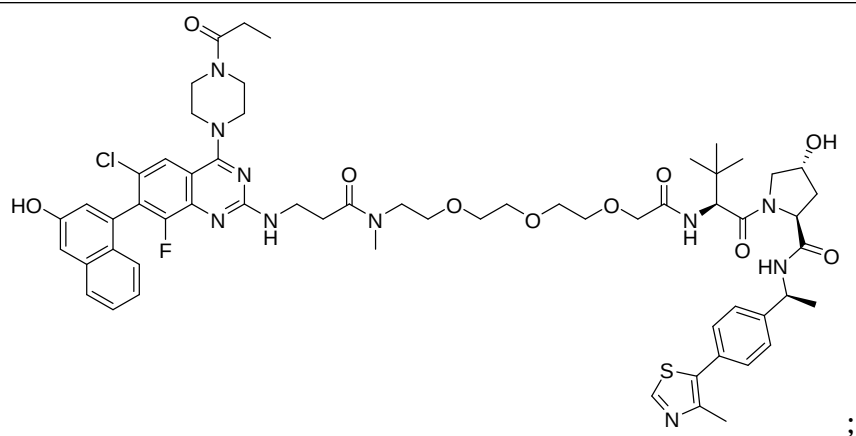
alquilo C₁₋₆ opcionalmente sustituido por 1 o más halo o alcoxi C₁₋₆, o R¹ y R² tomados junto con el átomo al que se unen, forman un sistema de anillo de 3-8 miembros que contiene 0-2 heteroátomos;

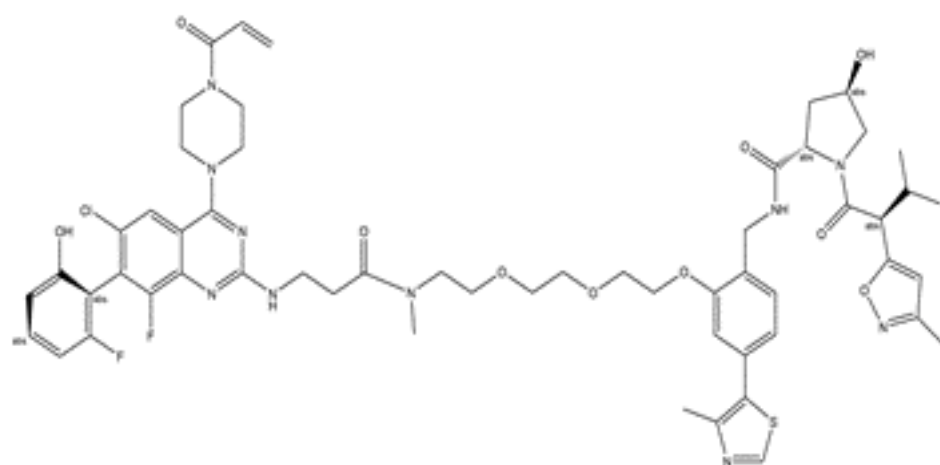
m y n son cada uno independientemente 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, o 10; y

 indica el punto de unión al PTM o al ULM.

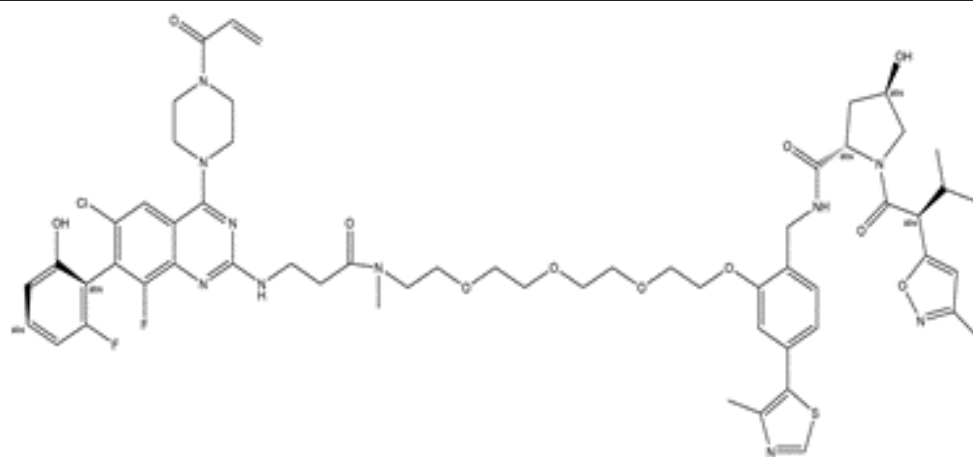
10. El compuesto de acuerdo con cualquiera de las reivindicaciones 1 a 9, en donde el compuesto es seleccionado de entre:



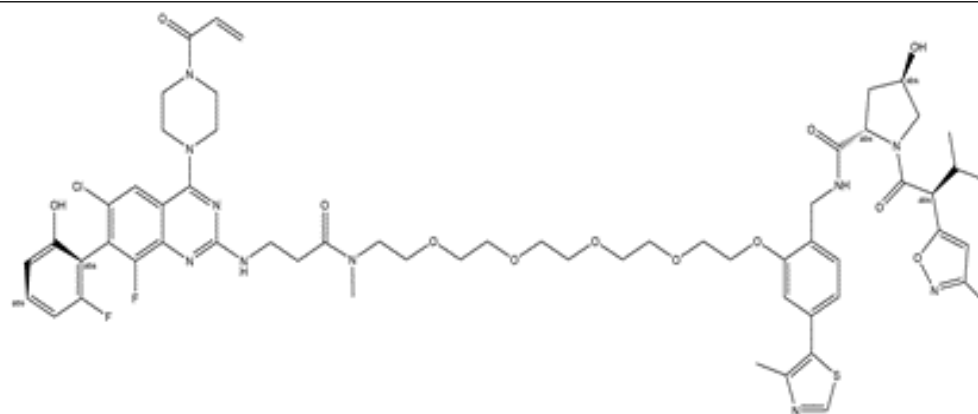




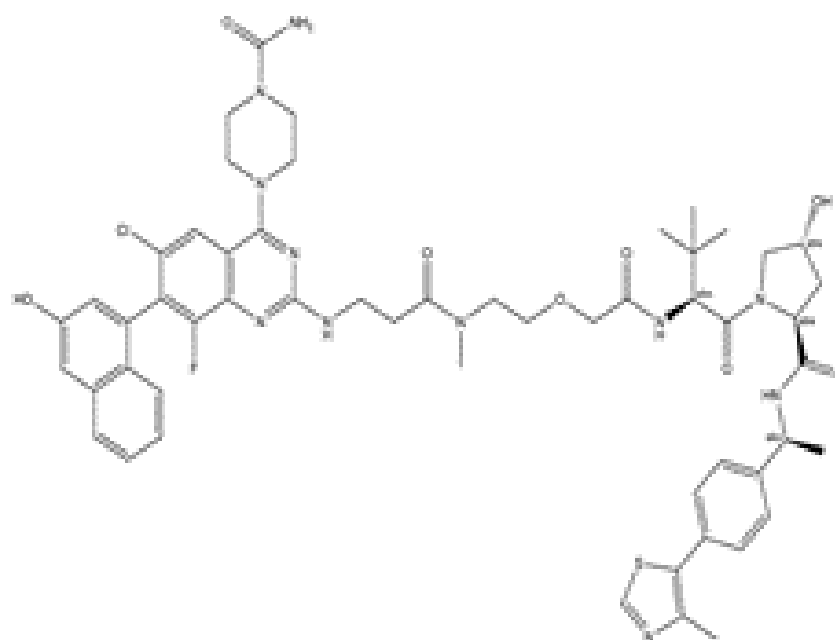
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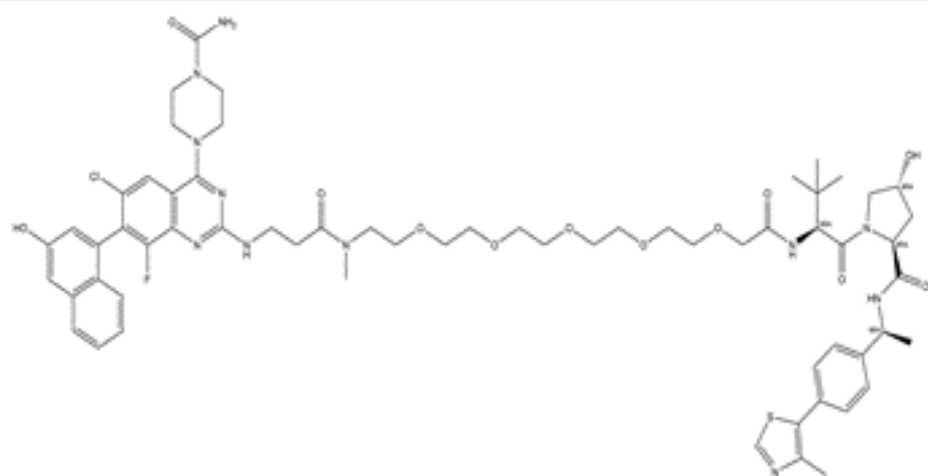
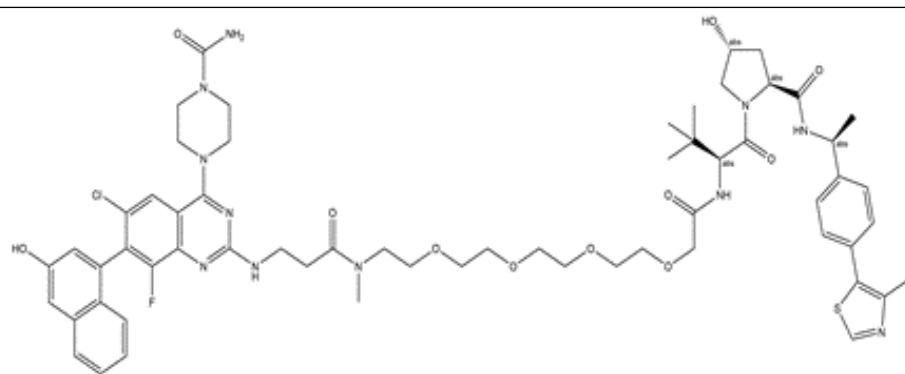
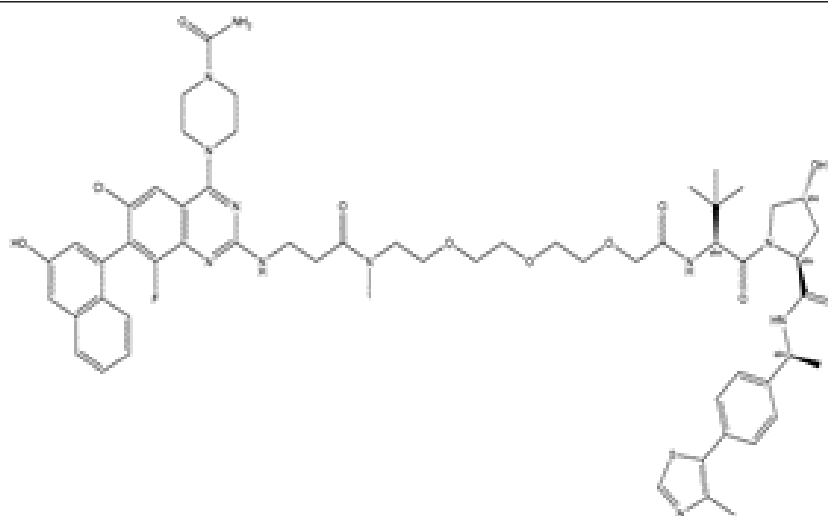
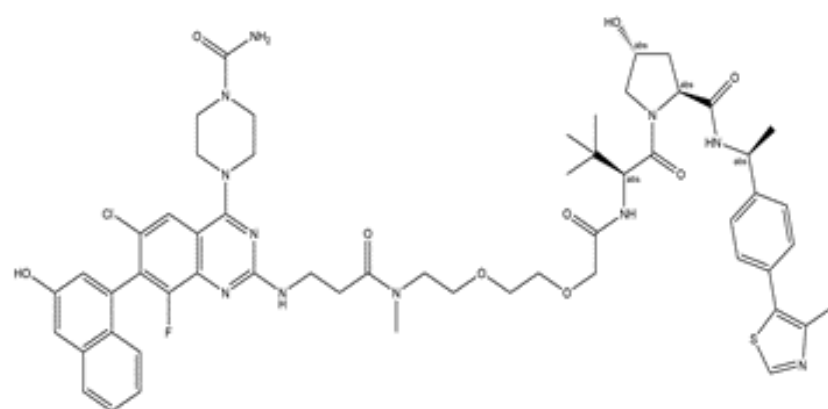
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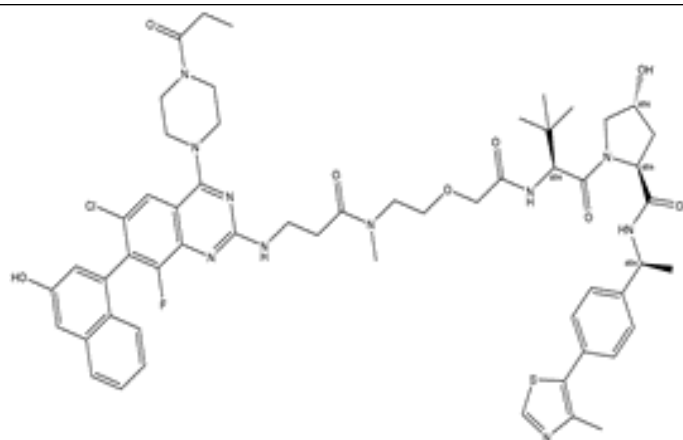


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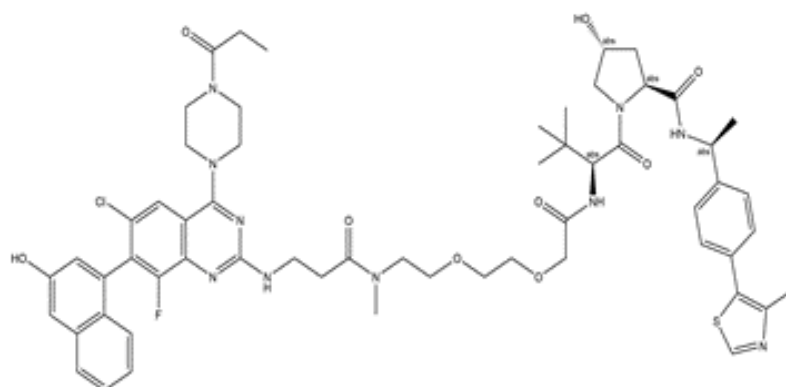


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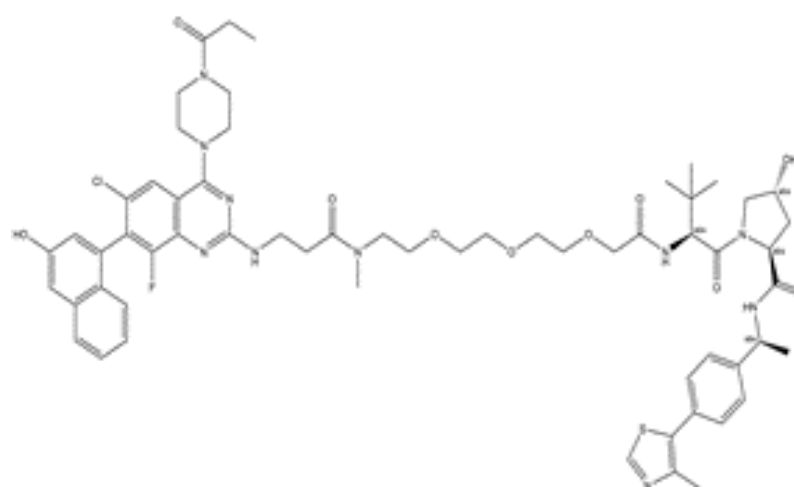




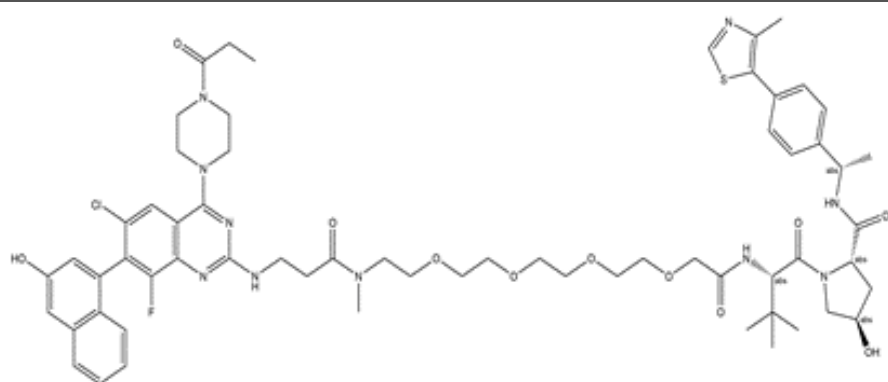
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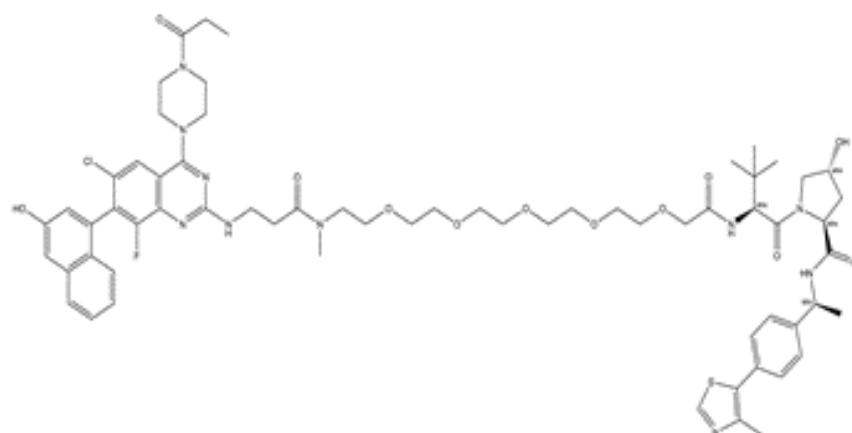
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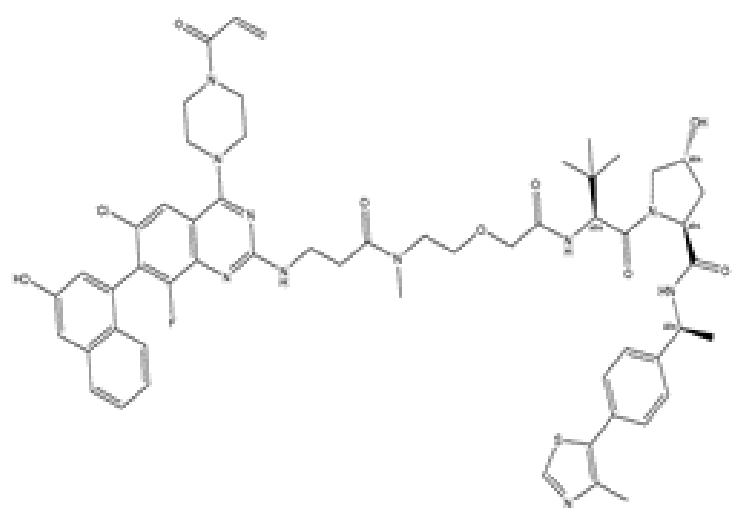
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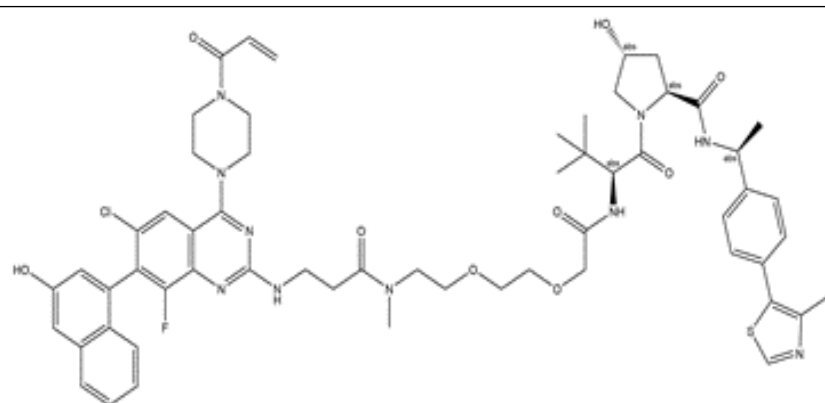
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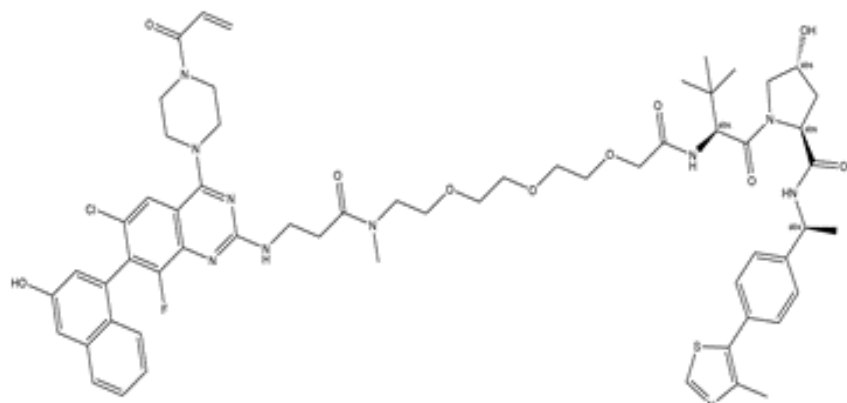
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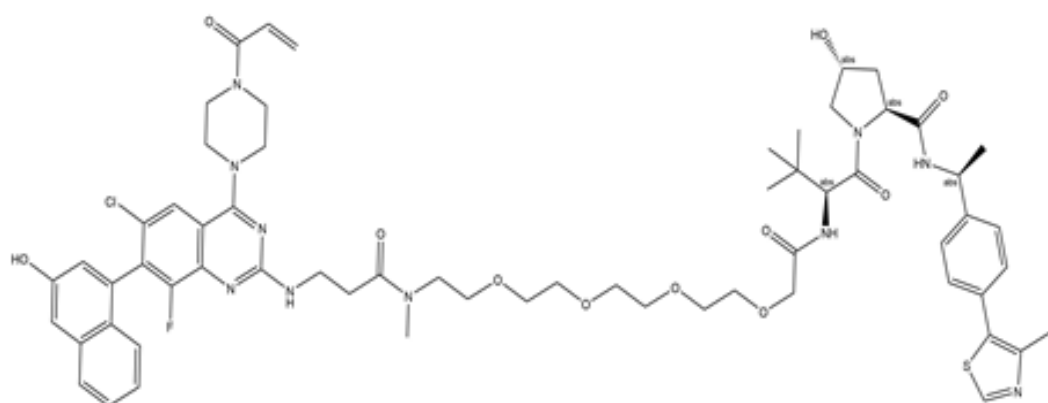
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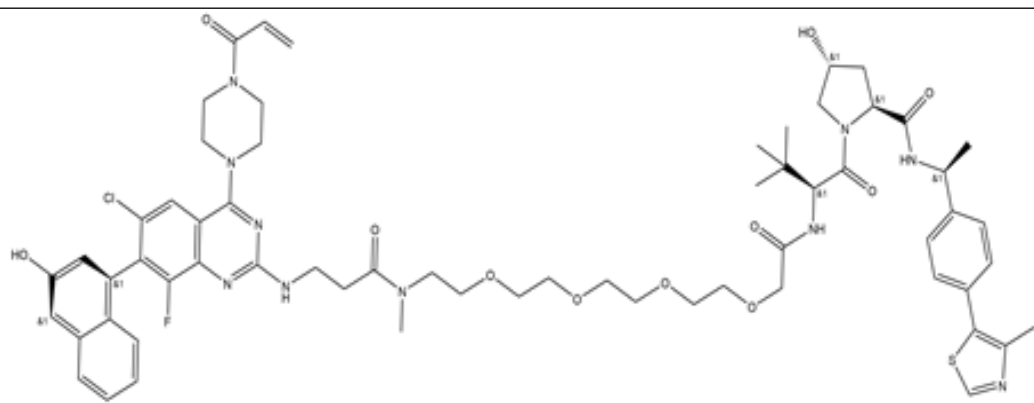
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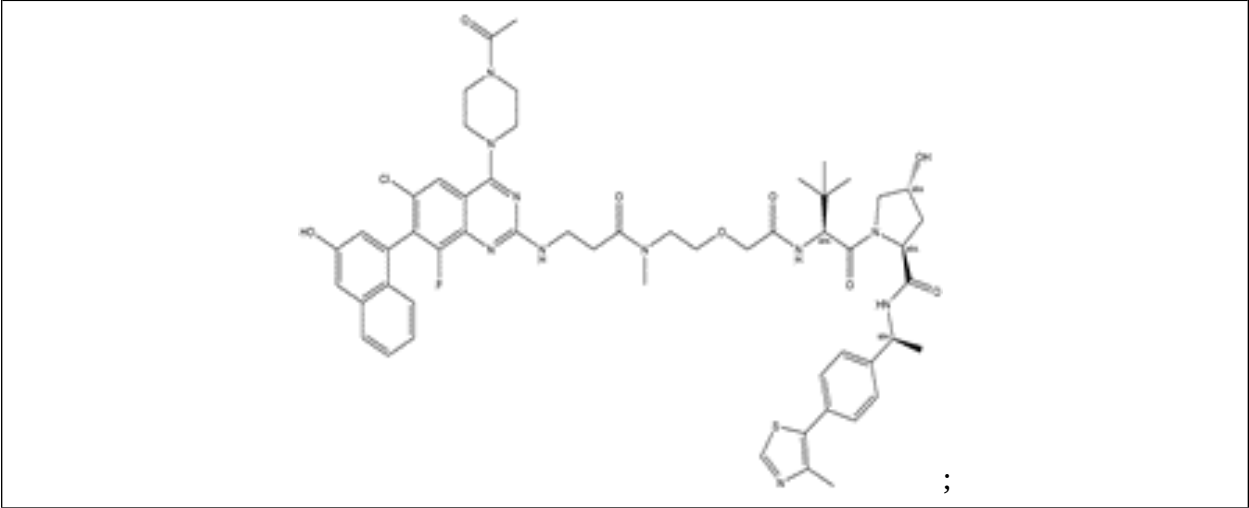
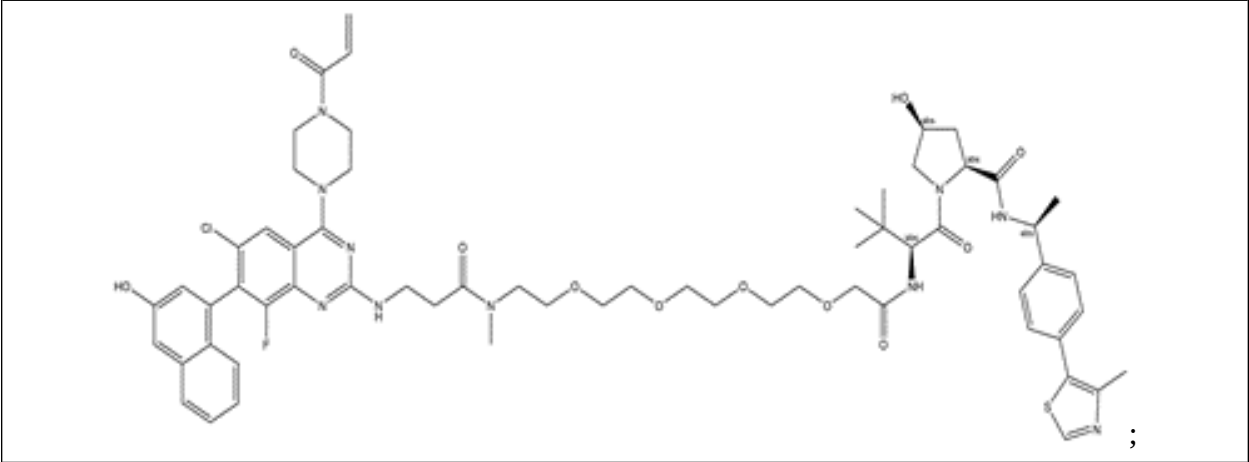
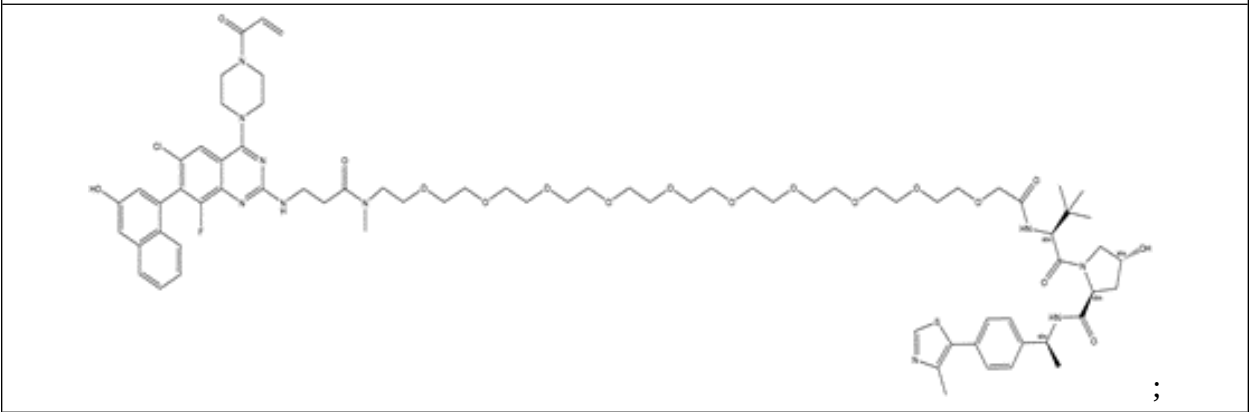
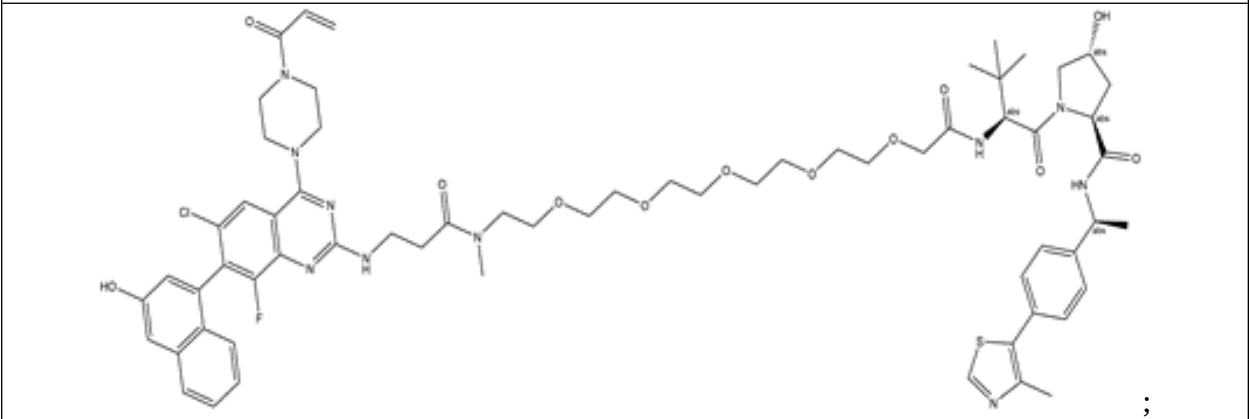
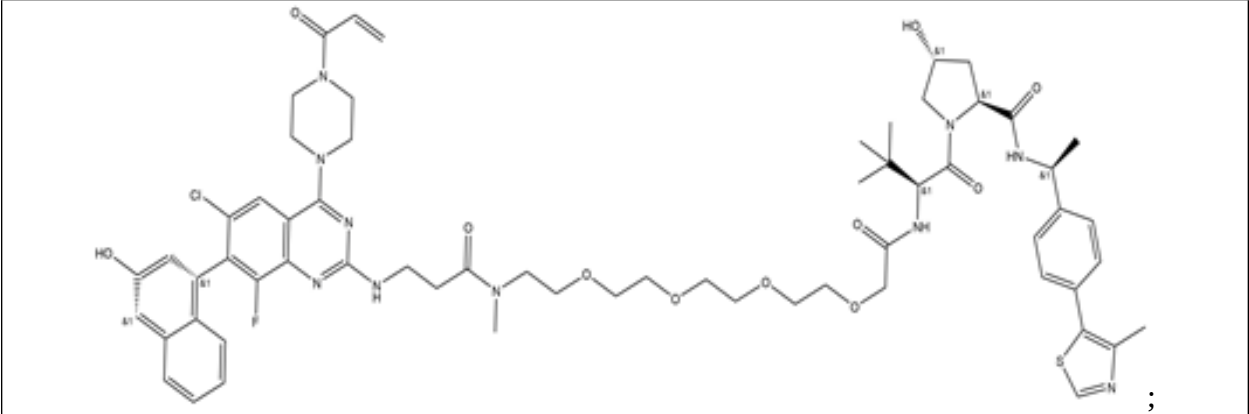
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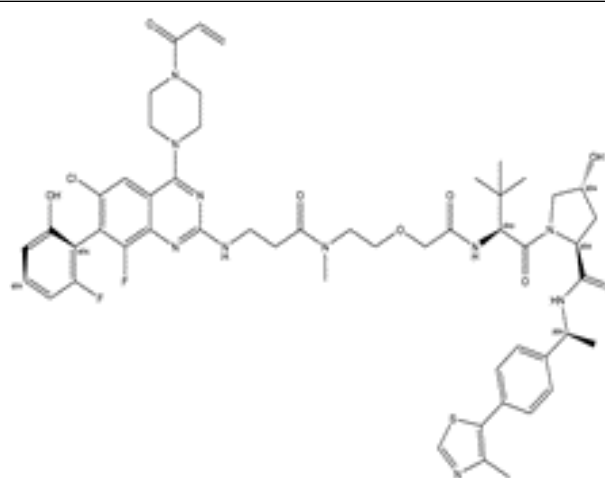
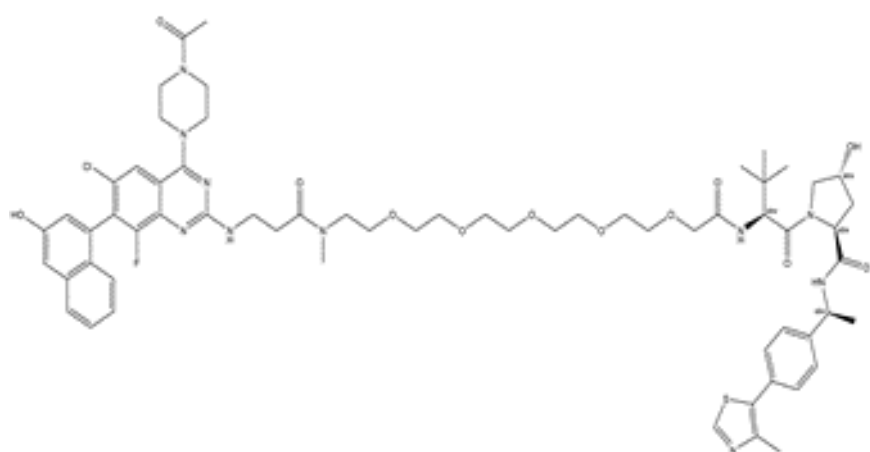
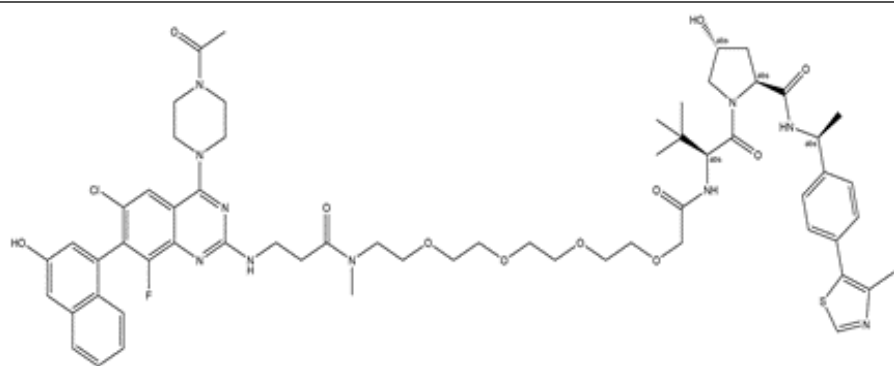
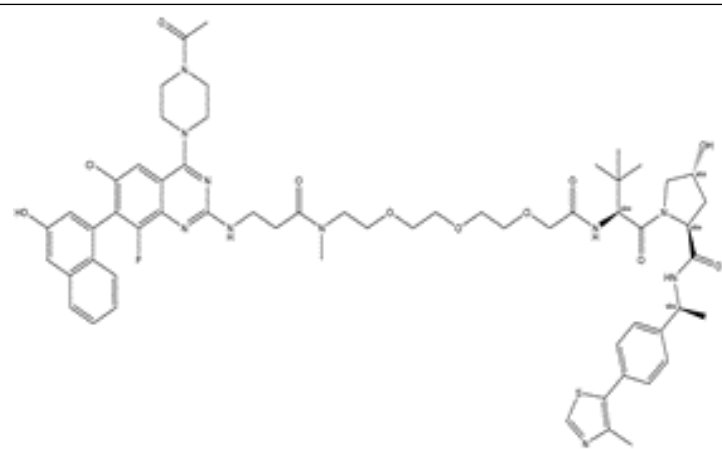
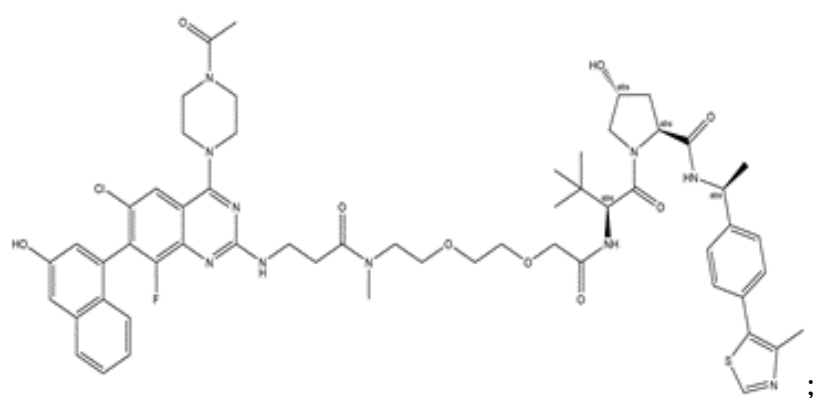


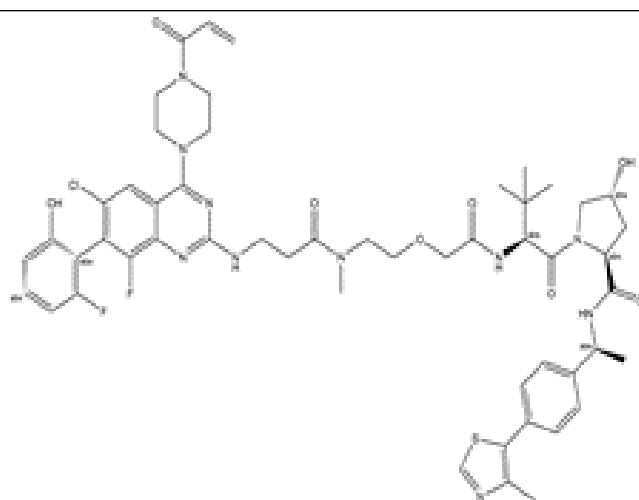
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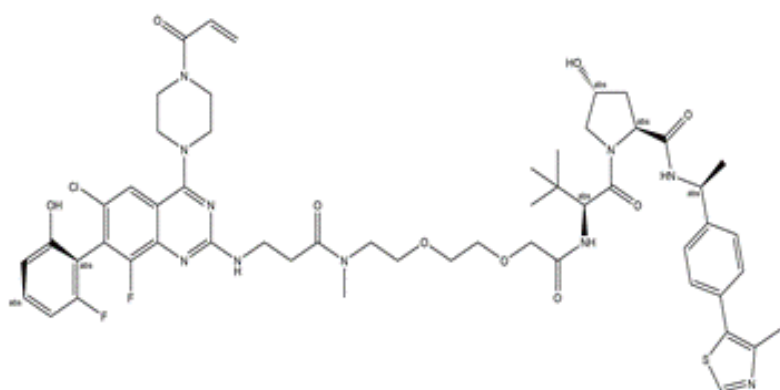
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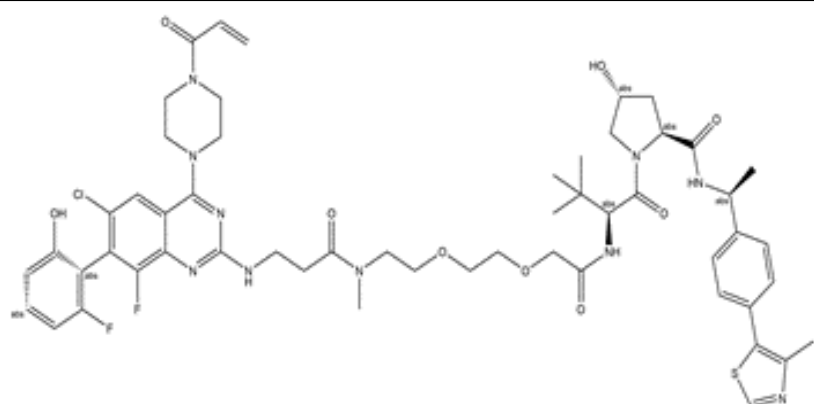




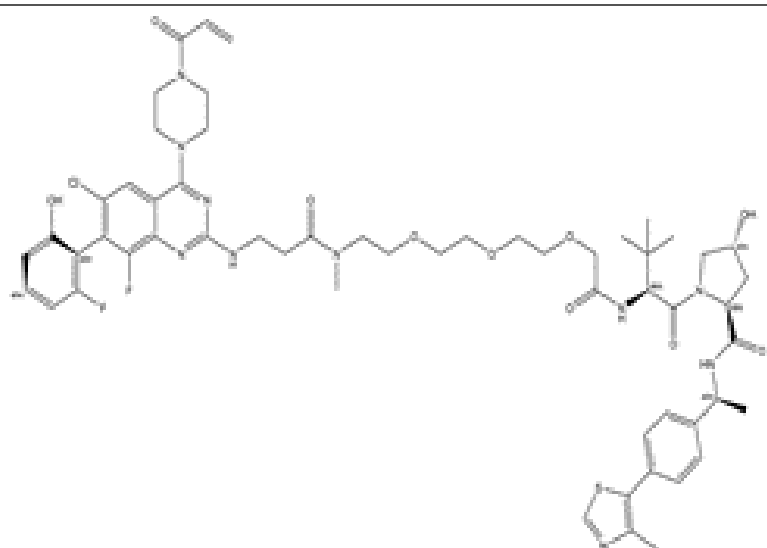
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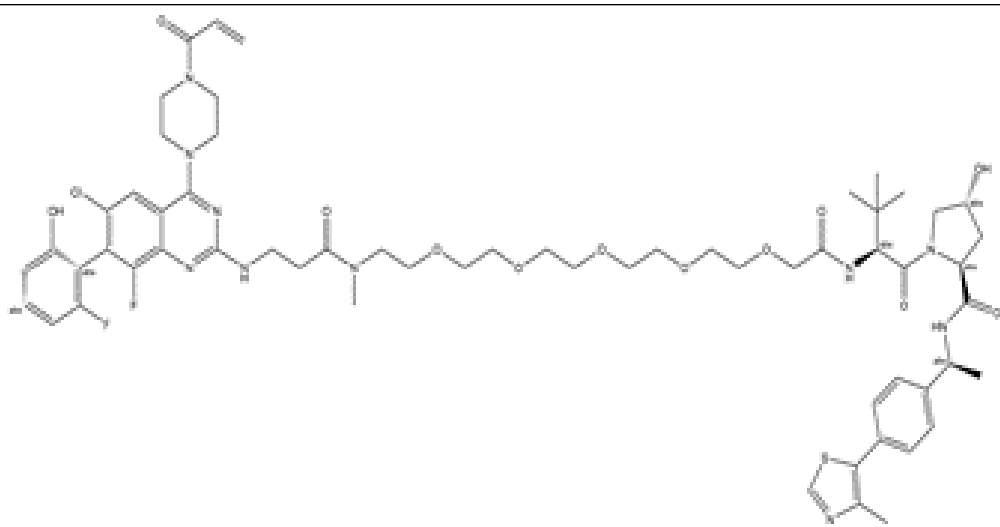
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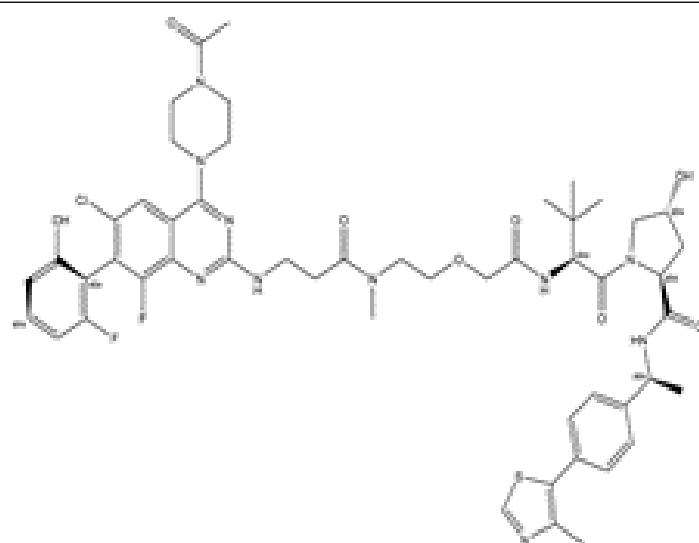
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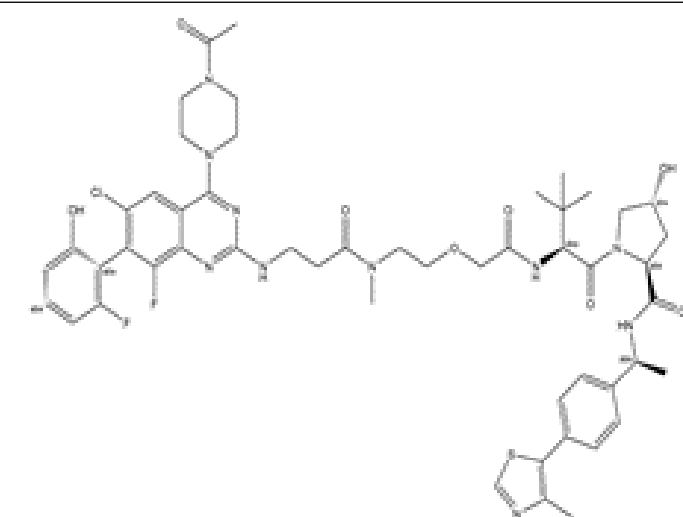
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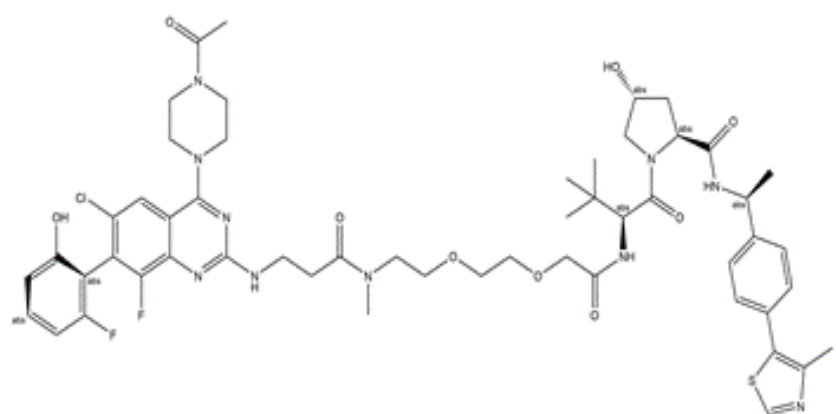
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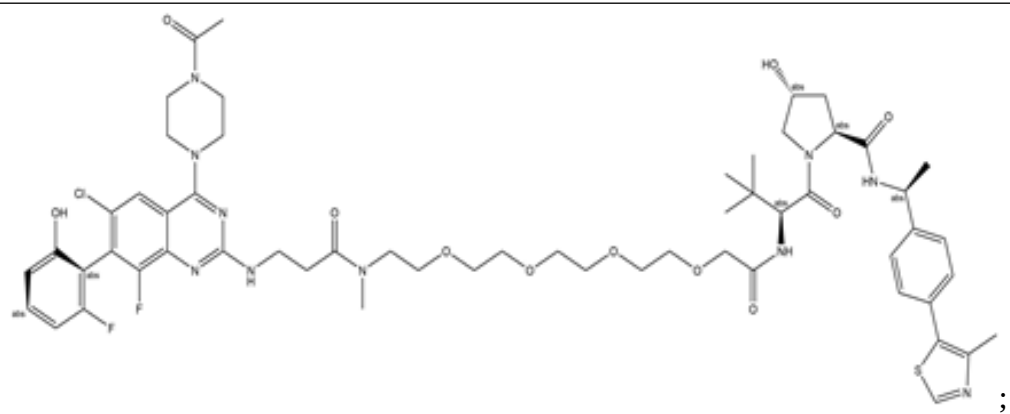
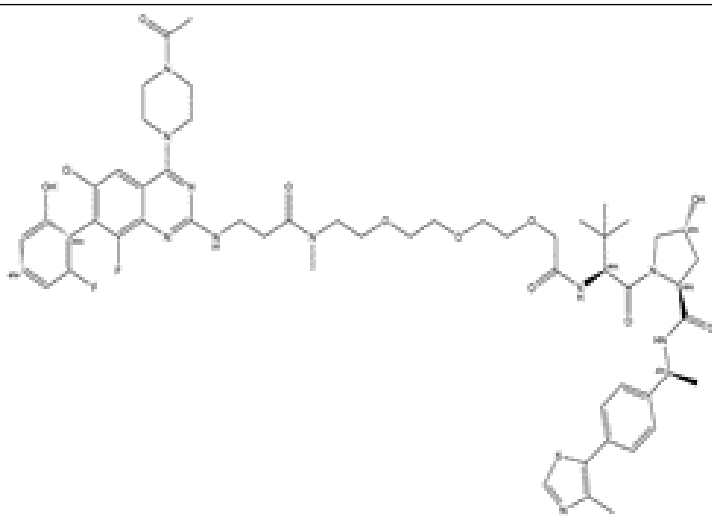
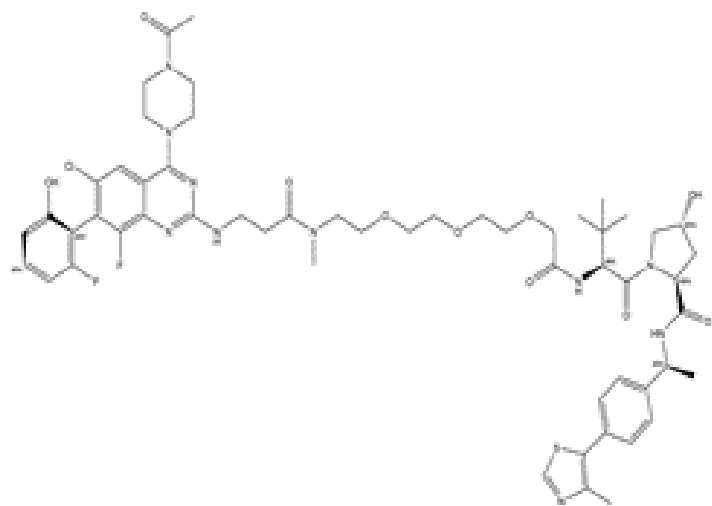
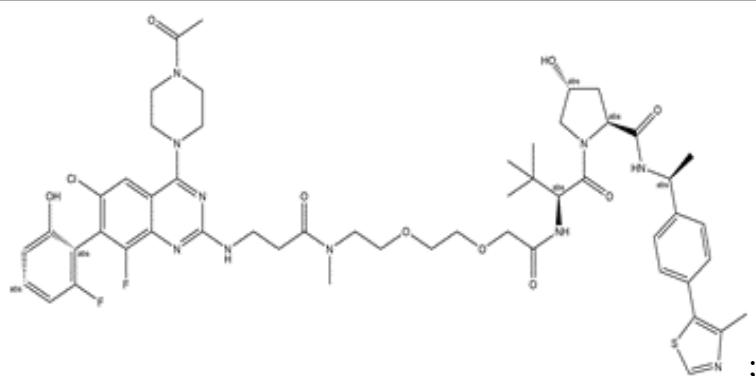
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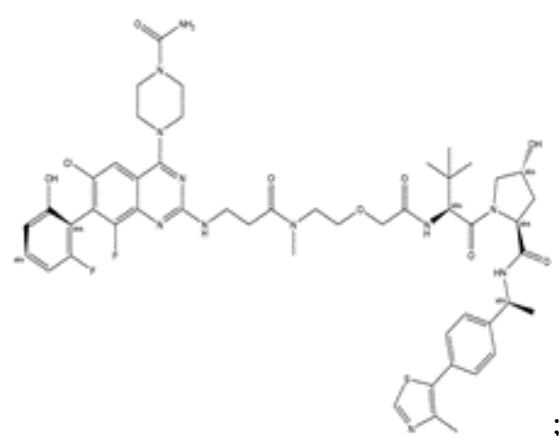
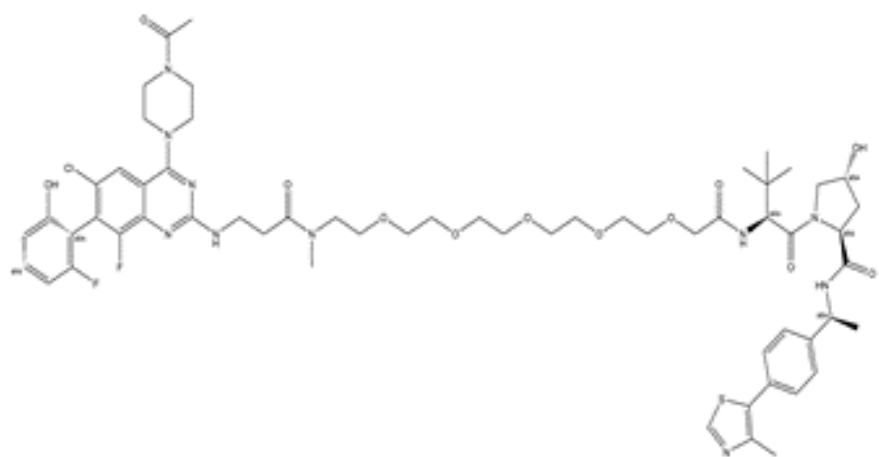
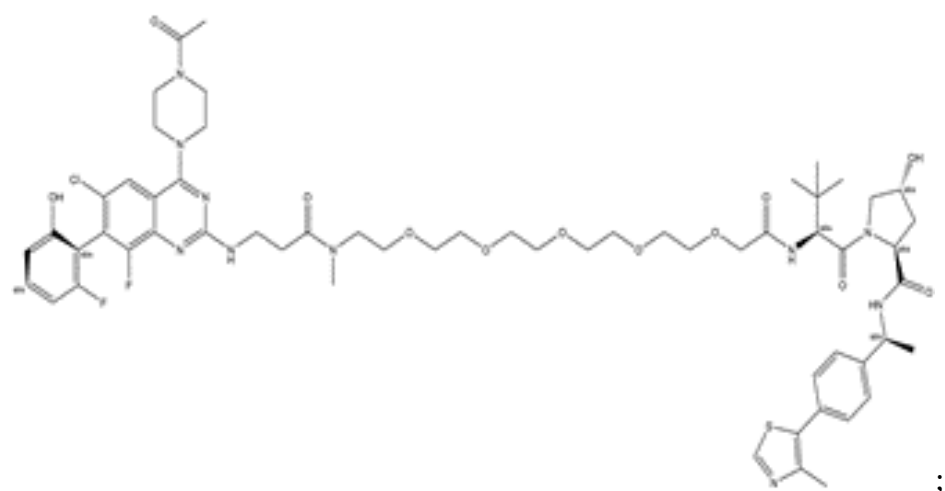
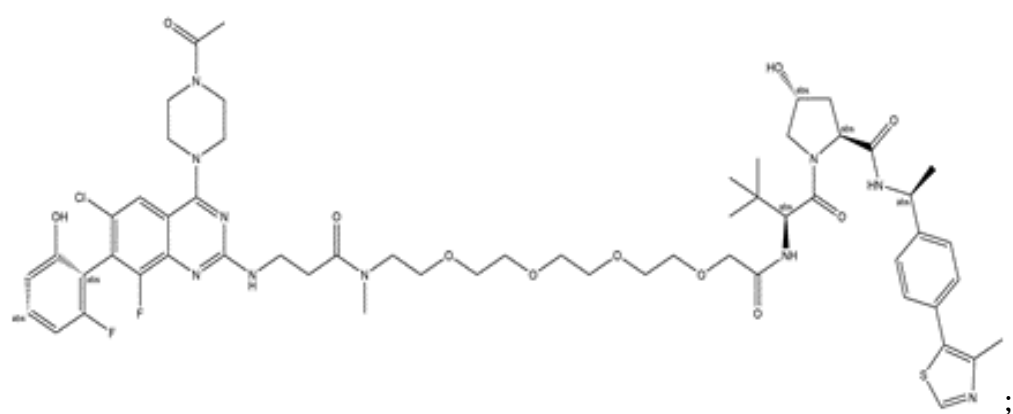


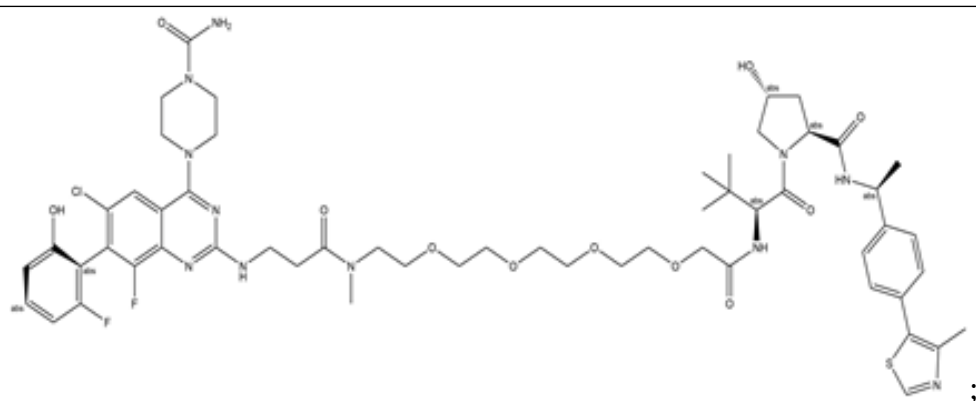
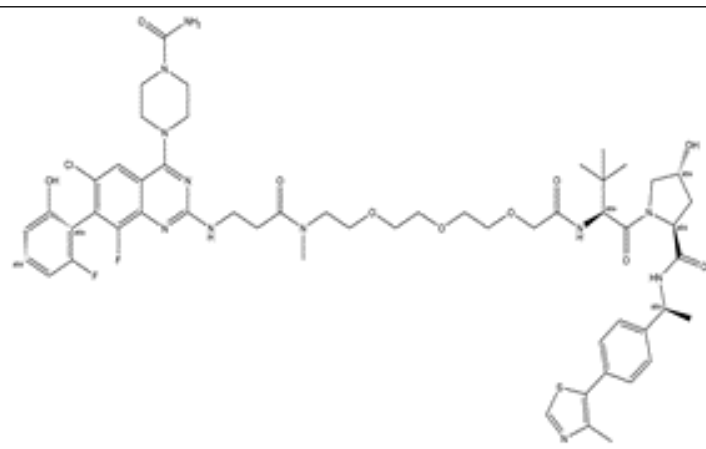
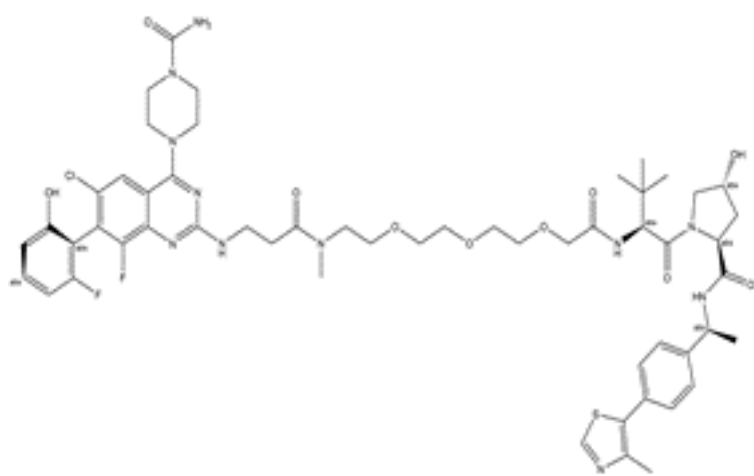
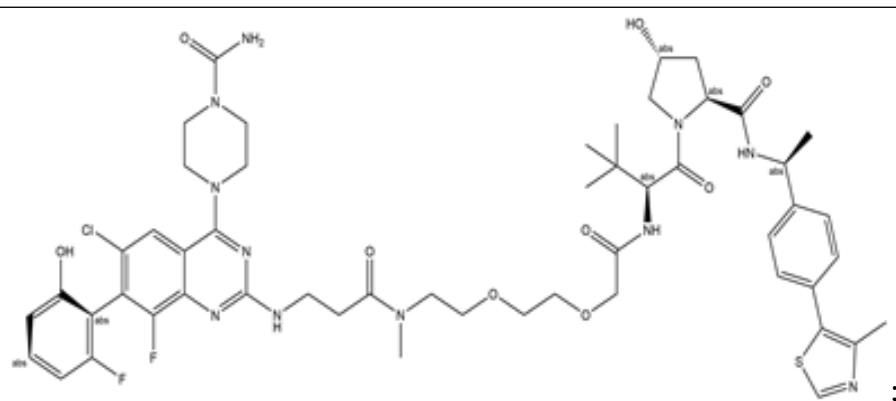
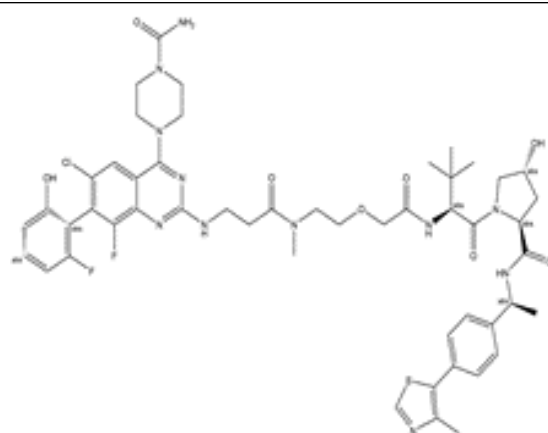
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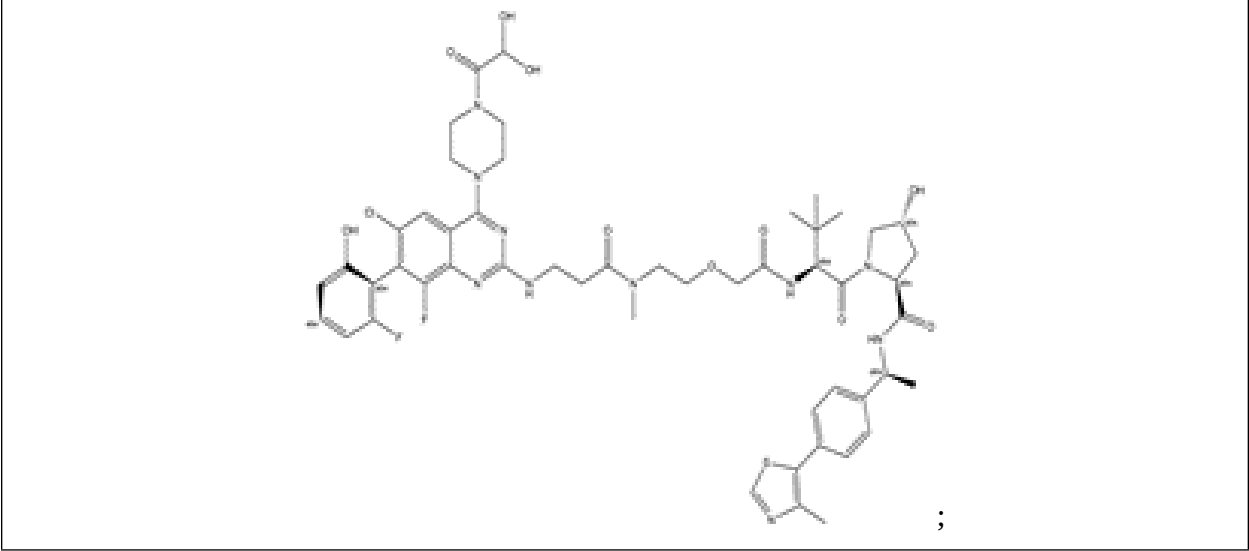
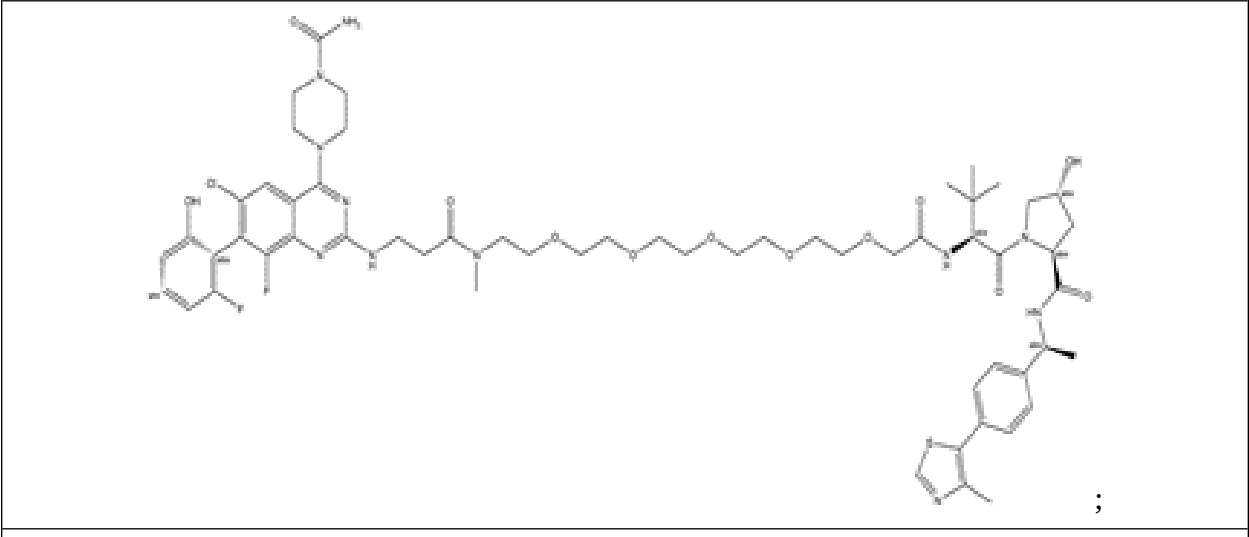
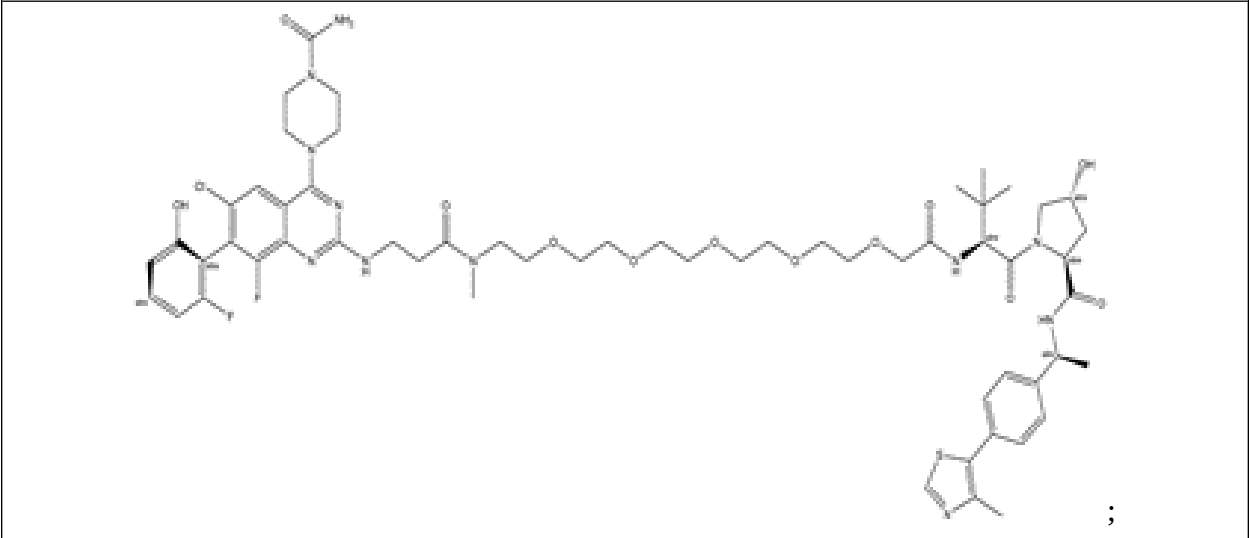
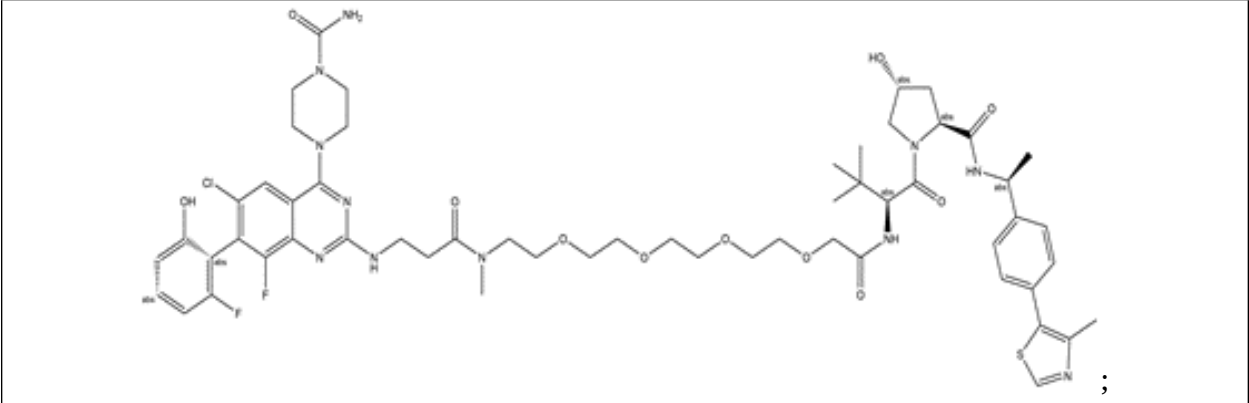


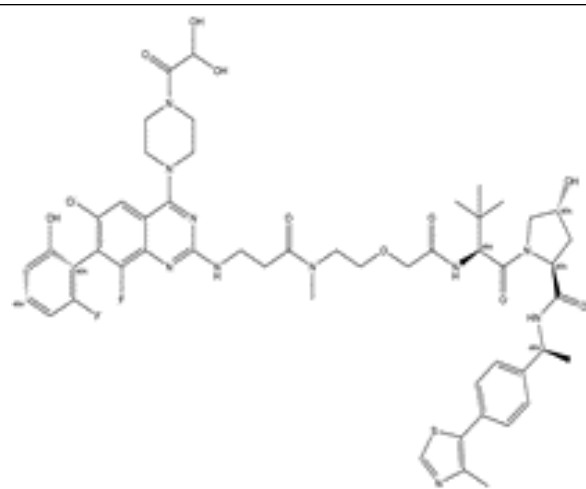
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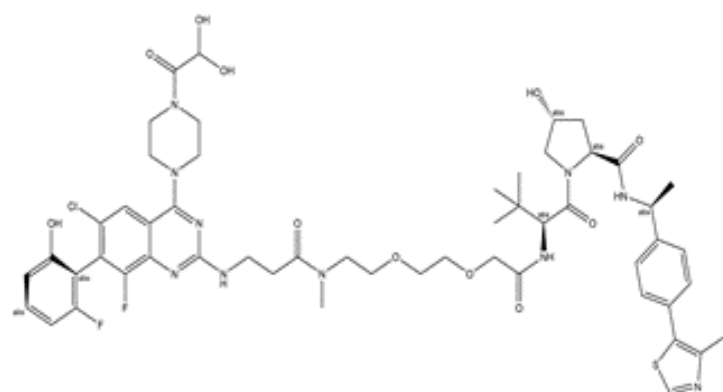




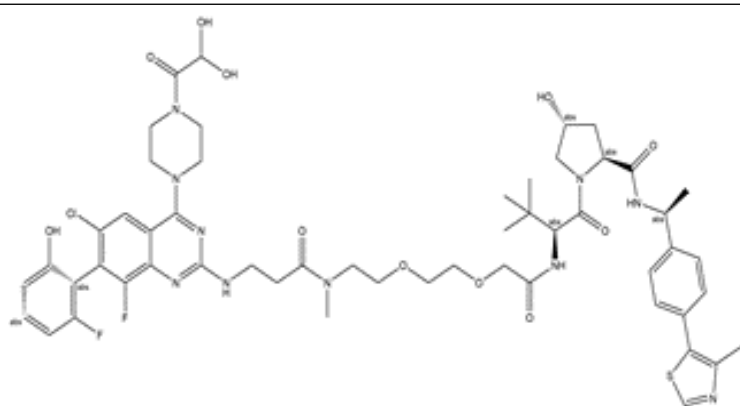




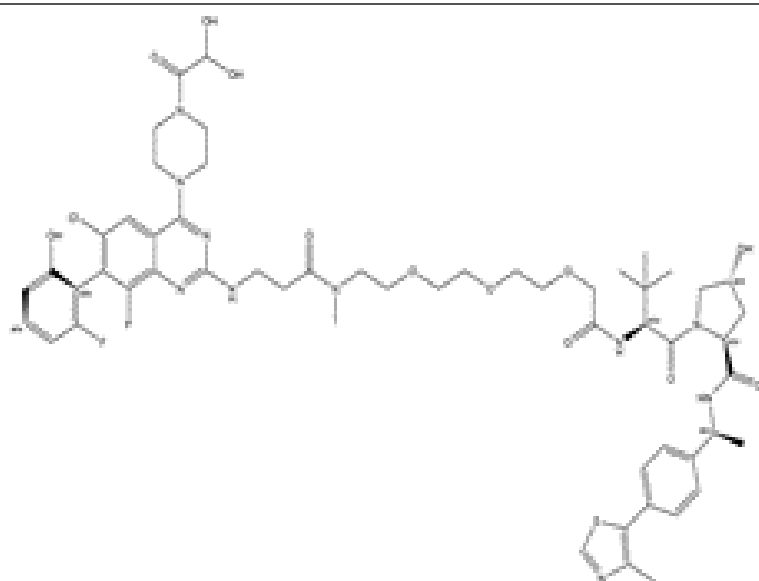
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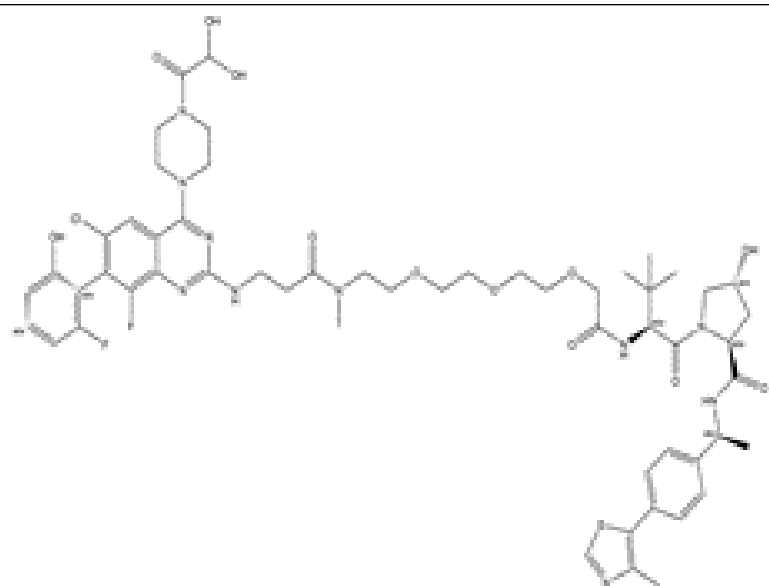
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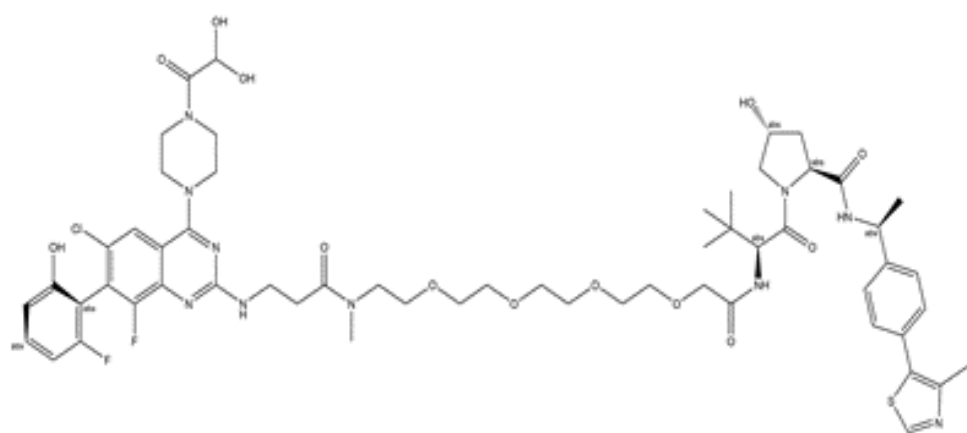
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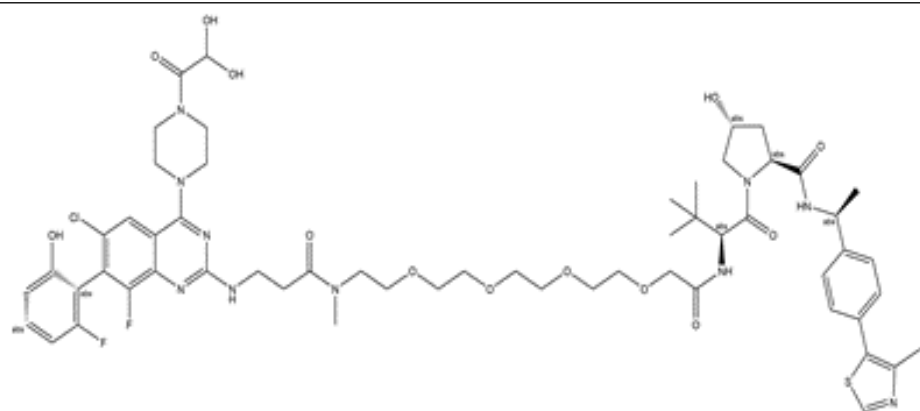
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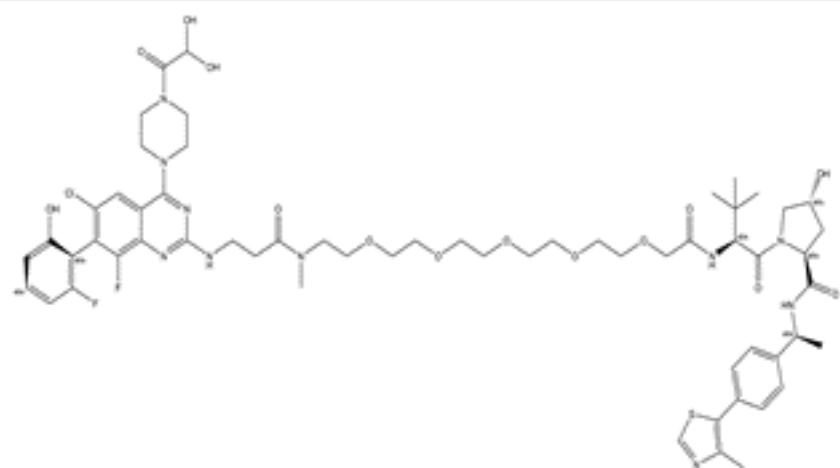
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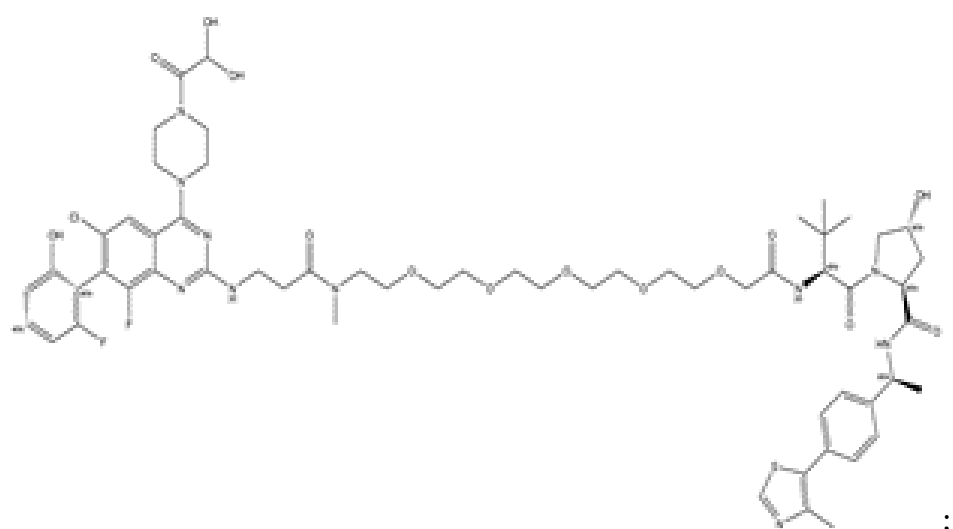
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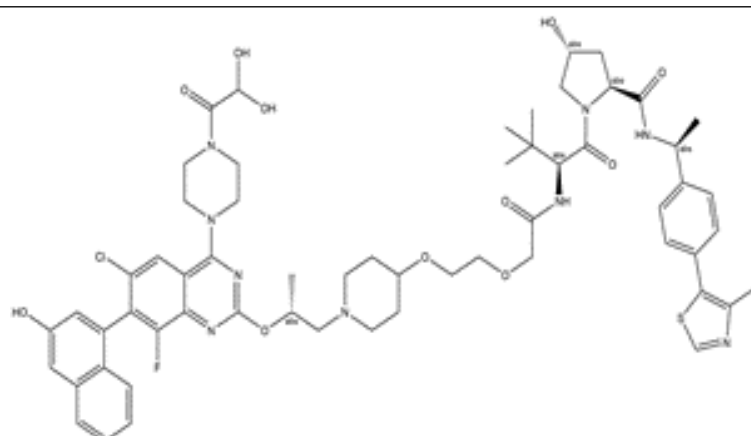
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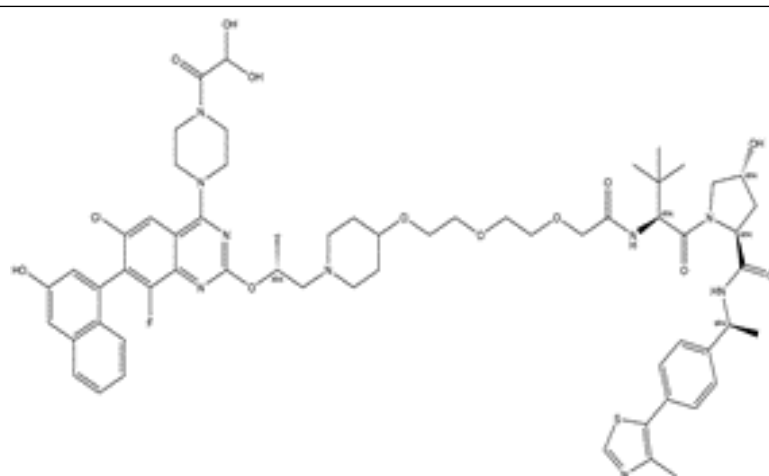
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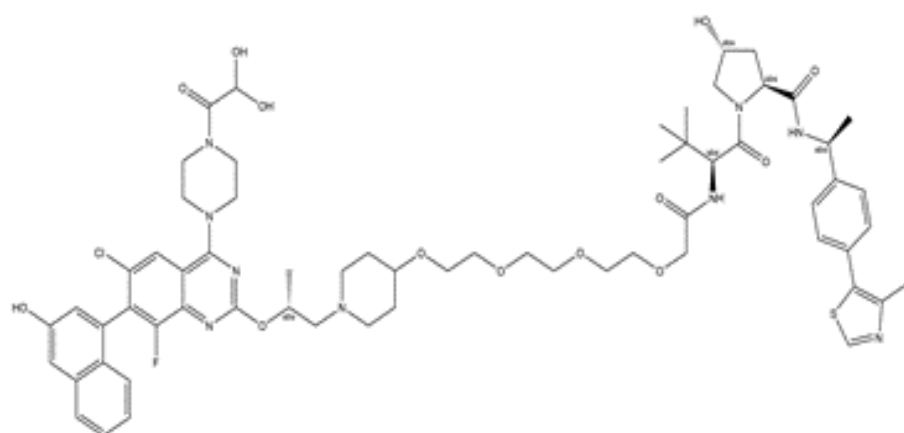
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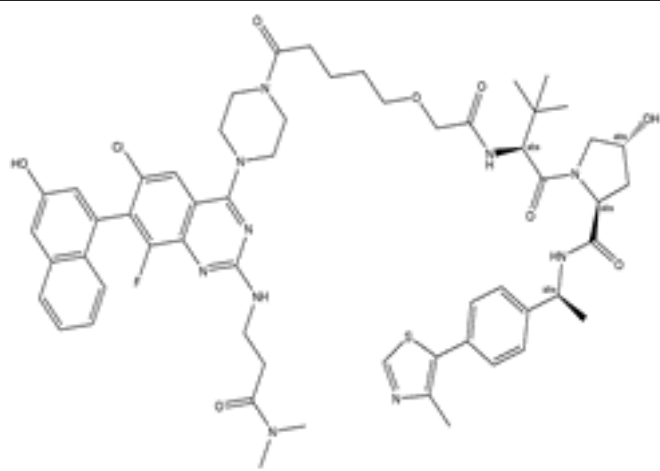
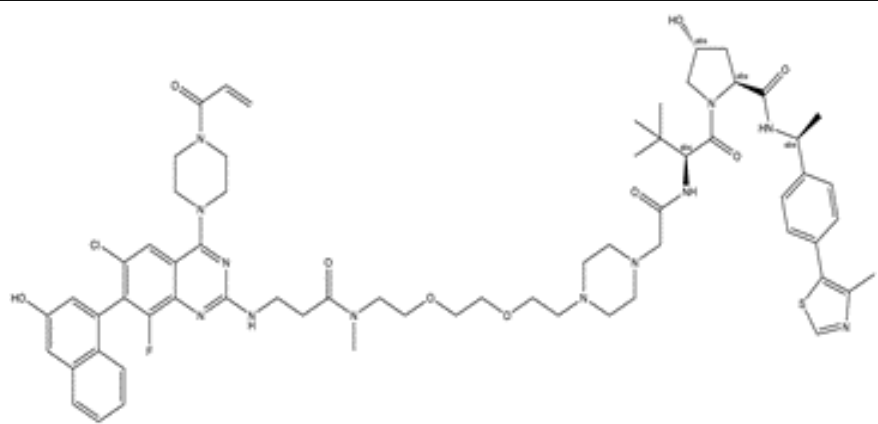
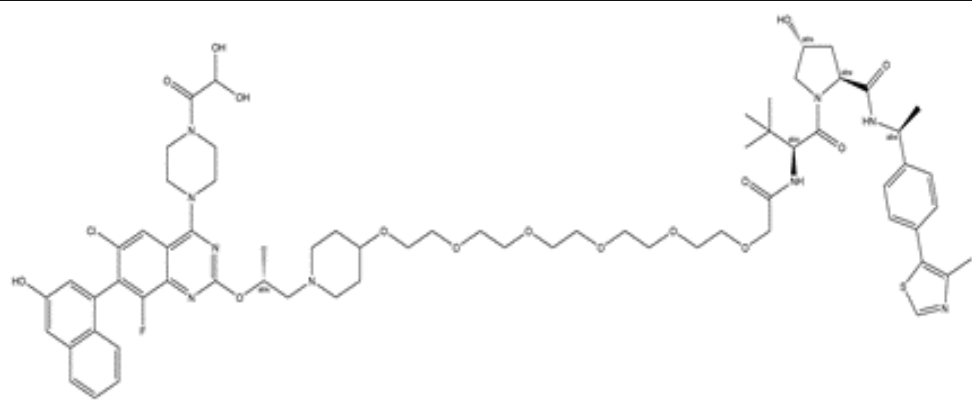
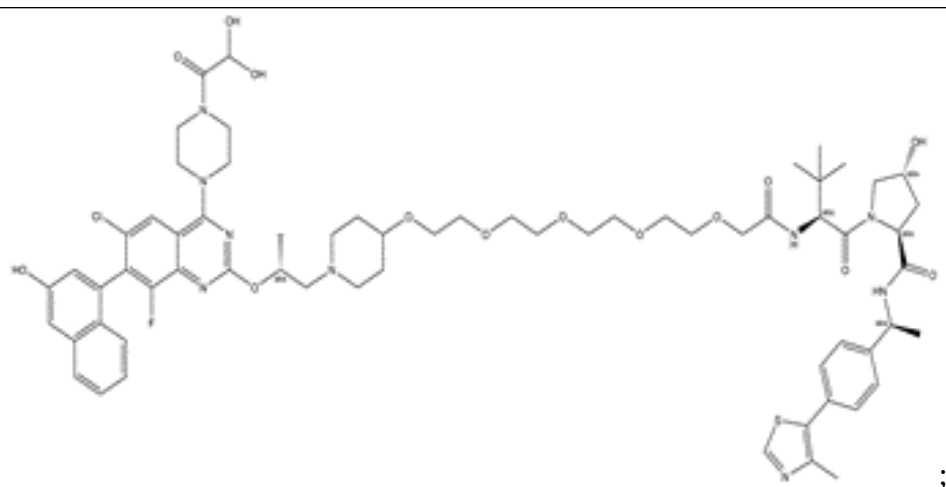
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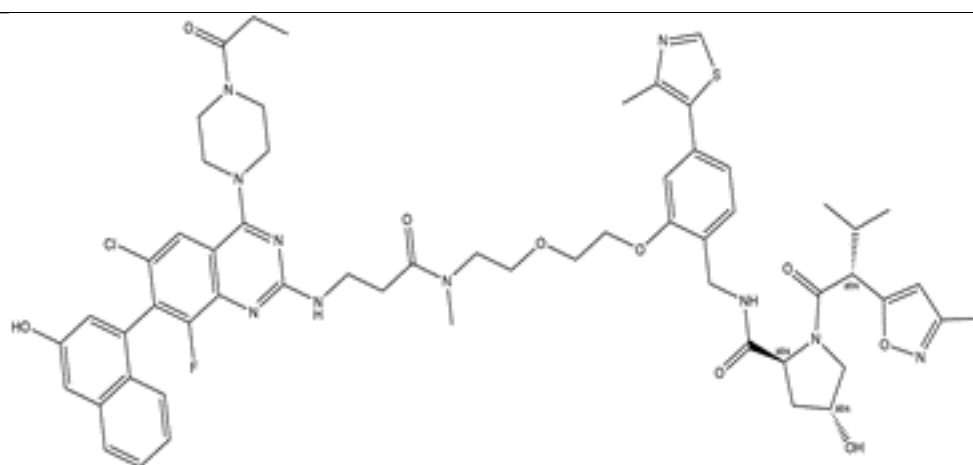


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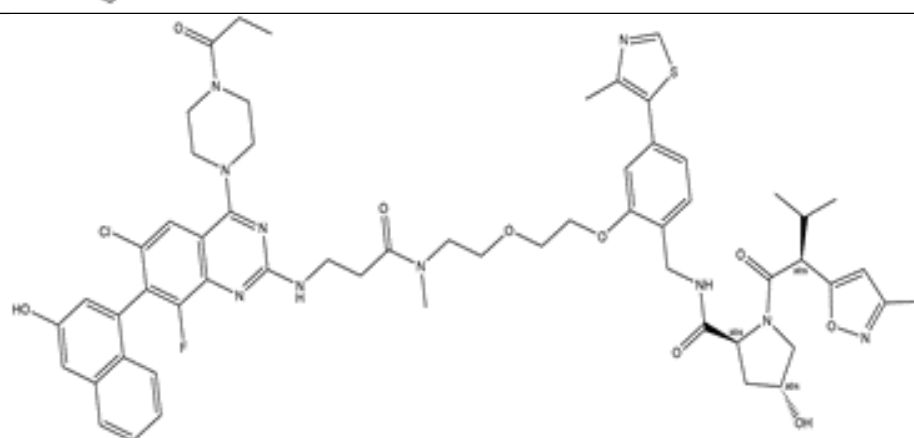


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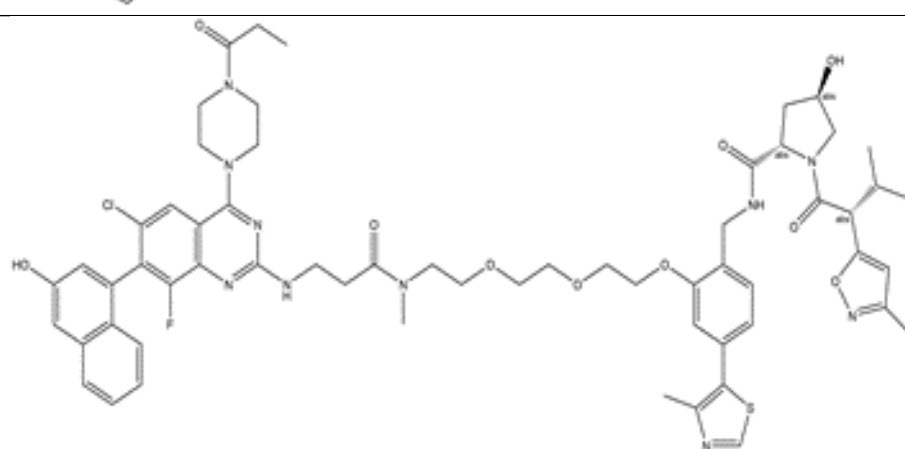




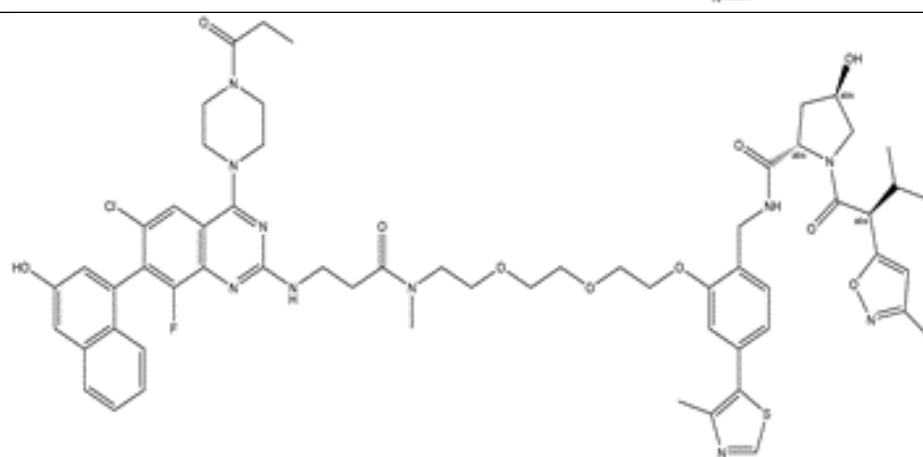
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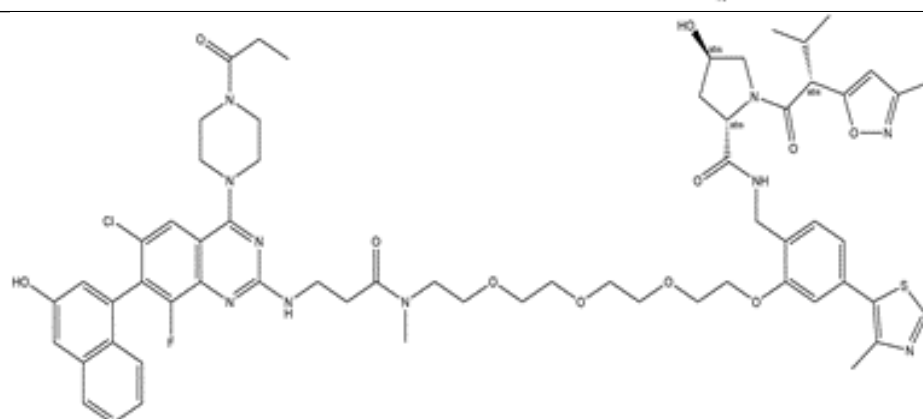
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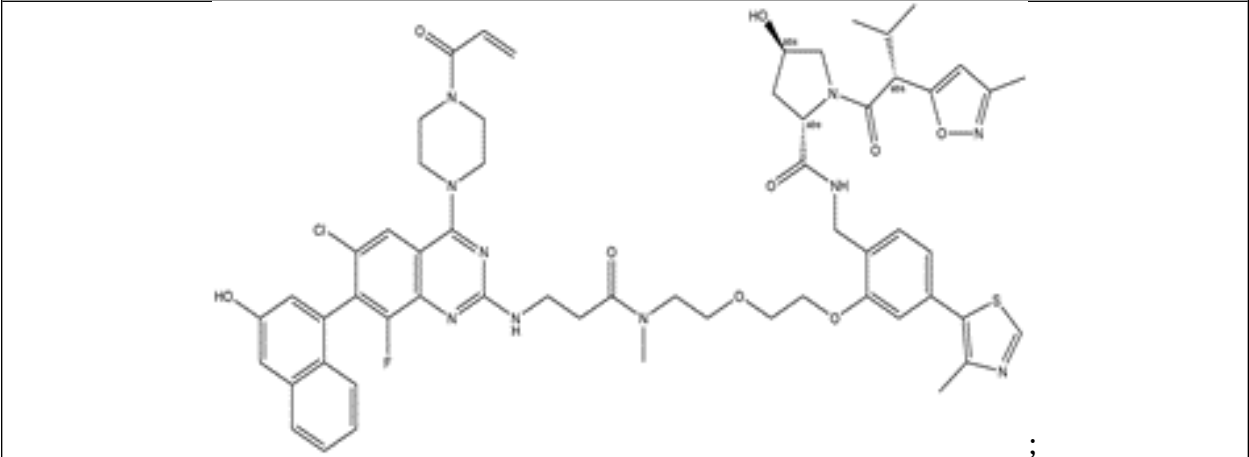
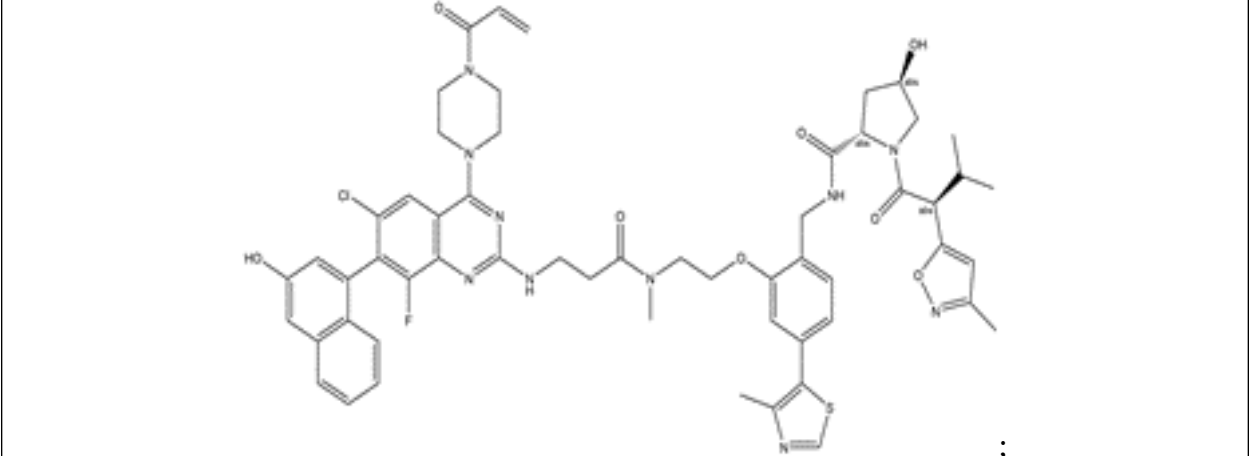
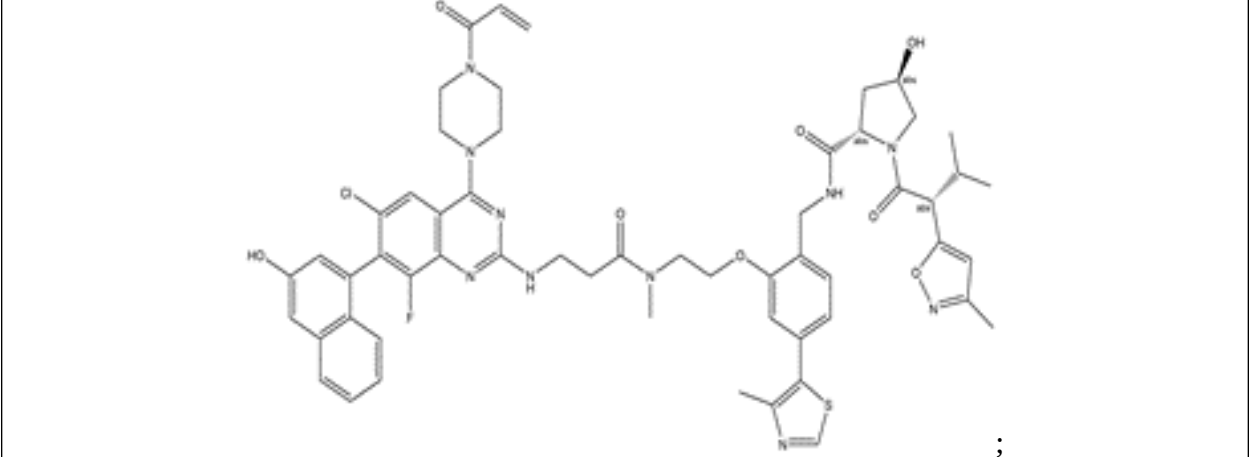
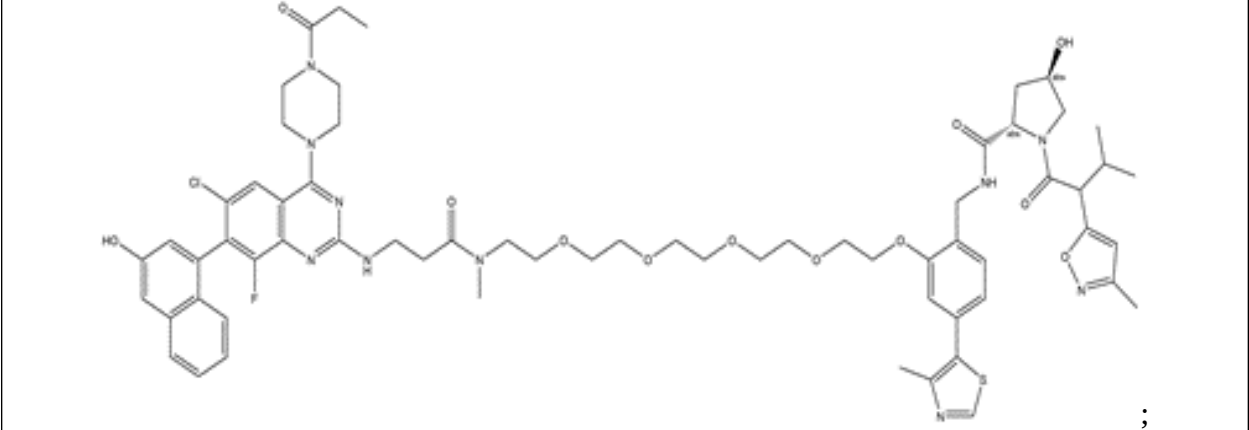
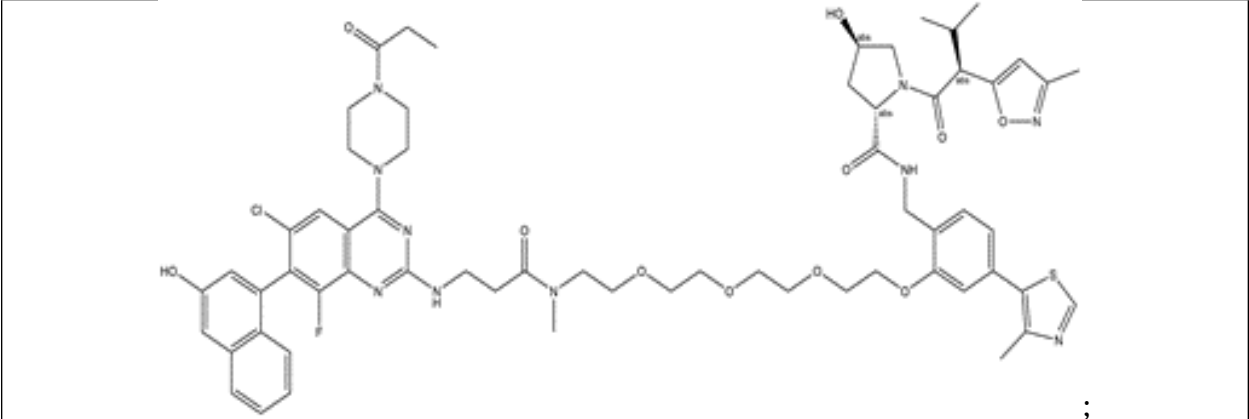
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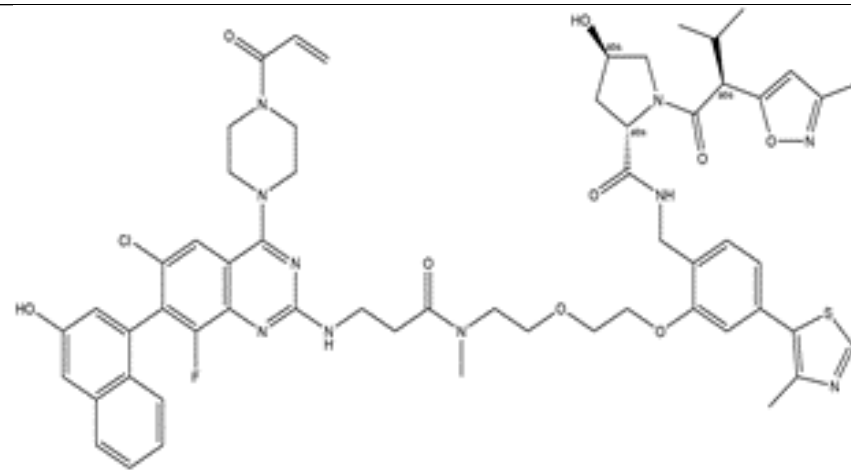


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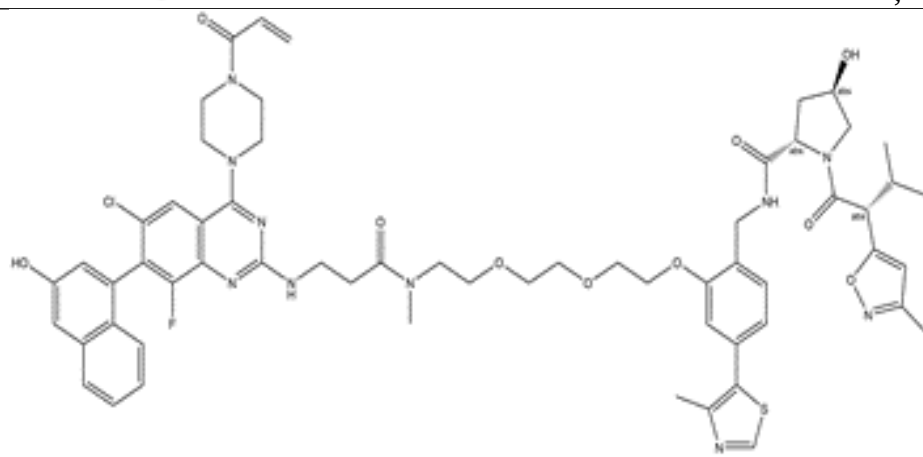


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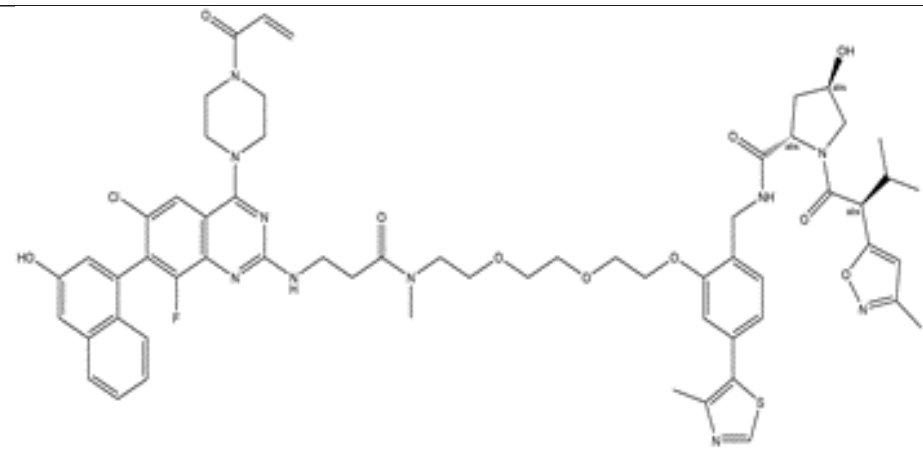




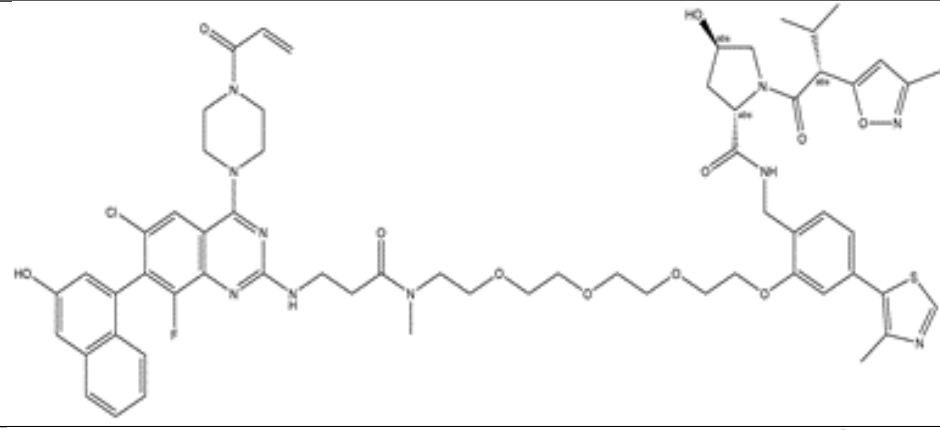
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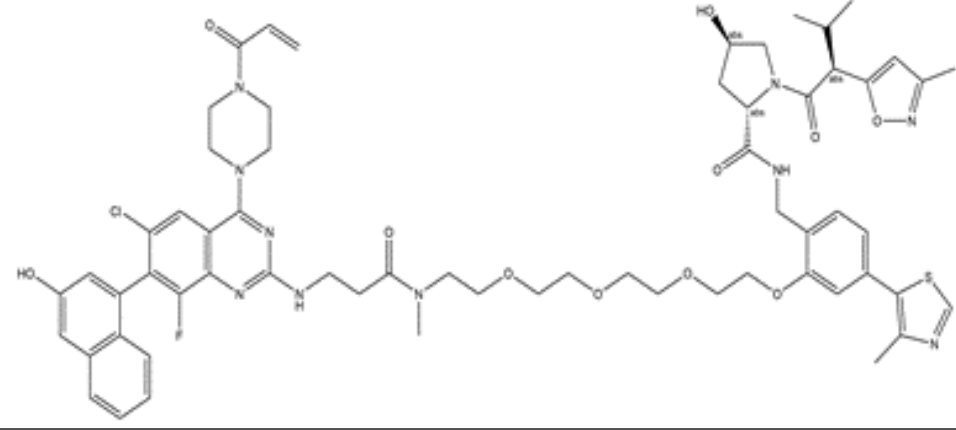
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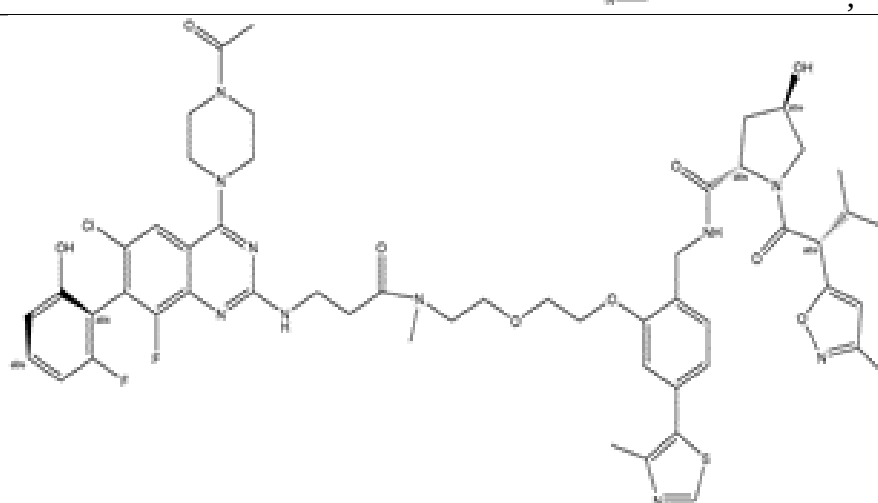
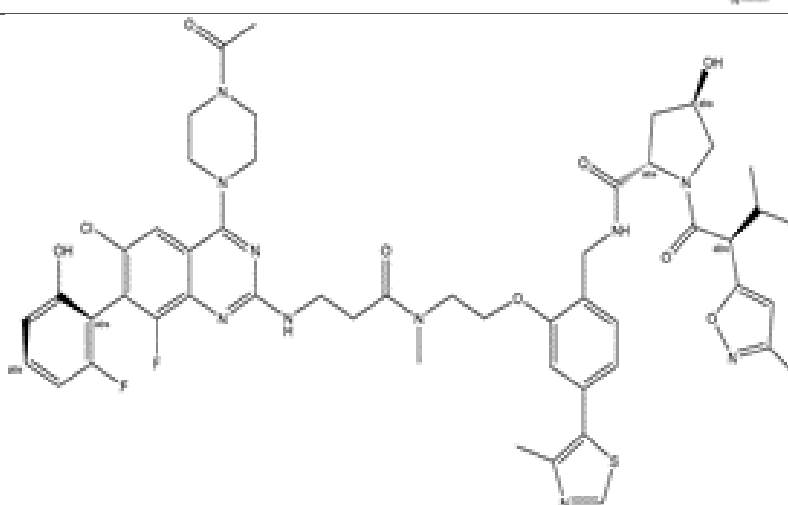
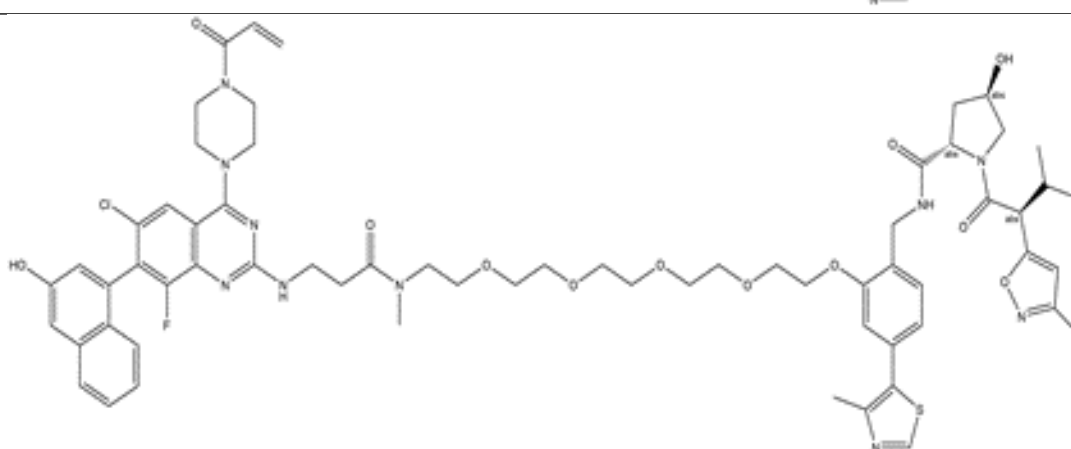
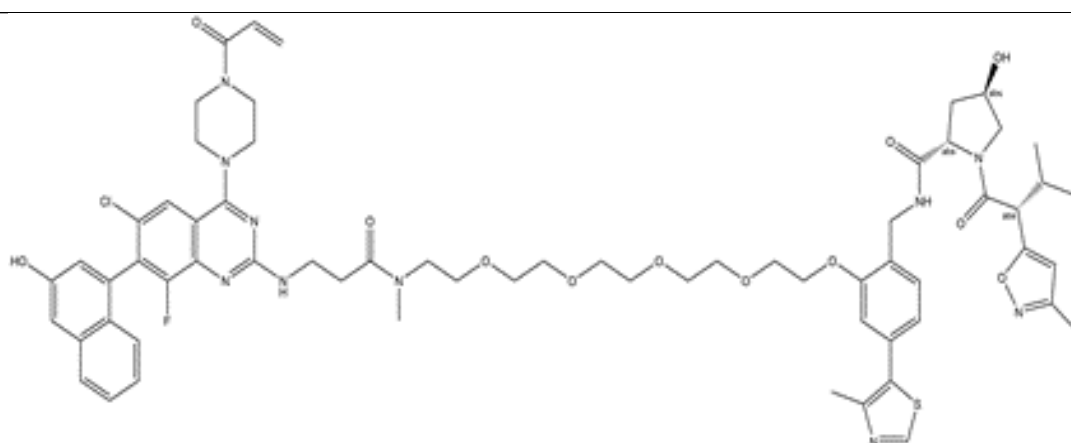
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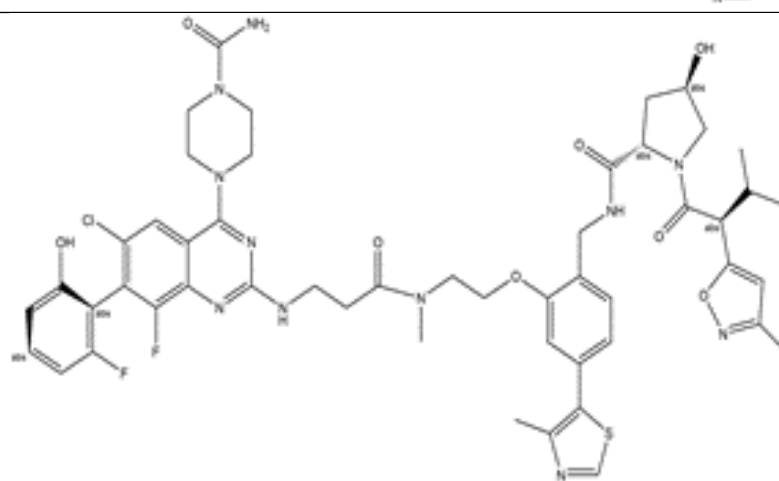
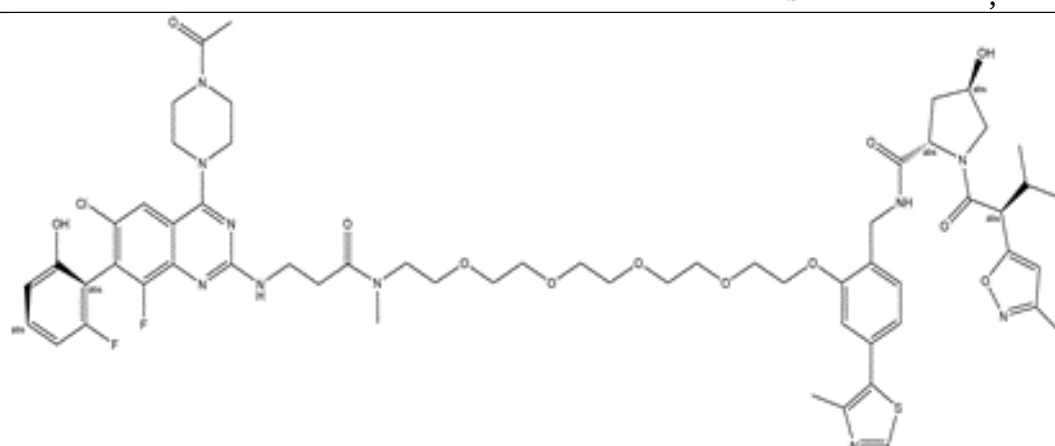
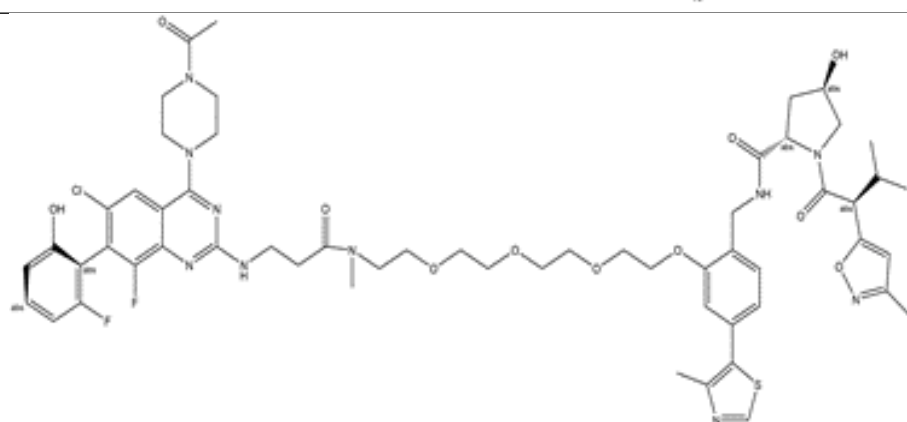
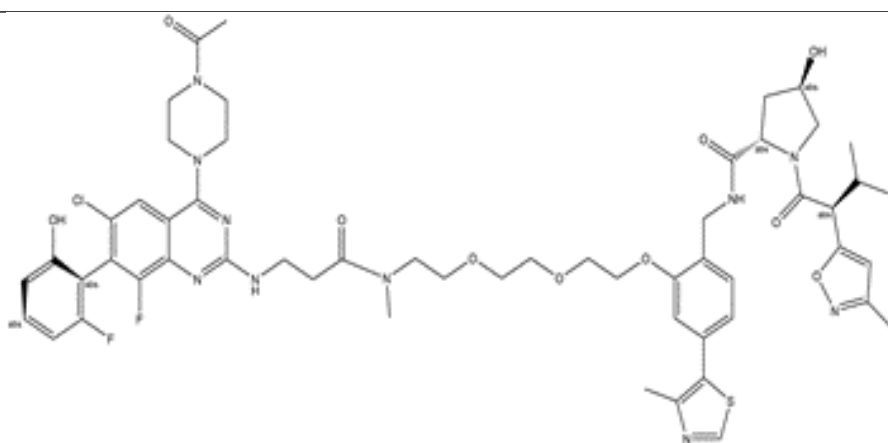
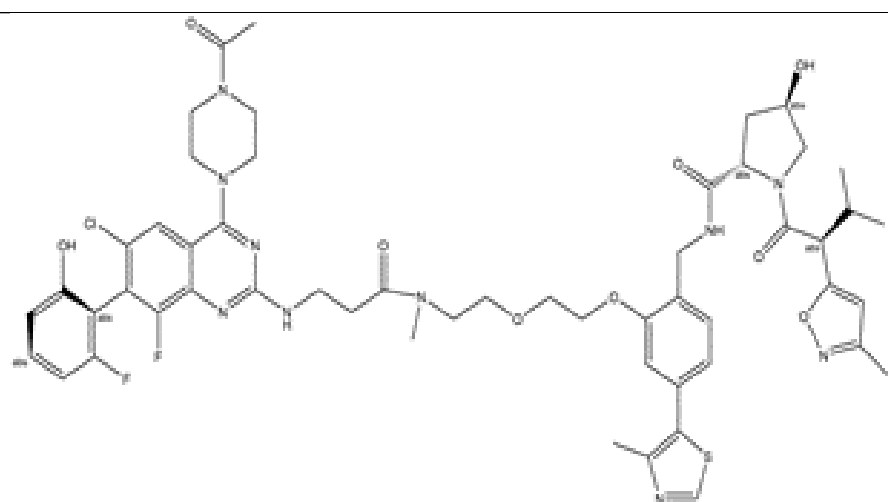


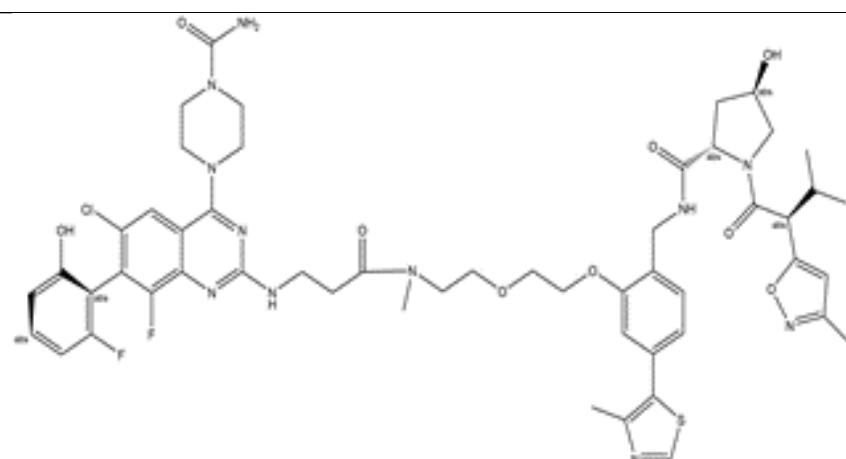
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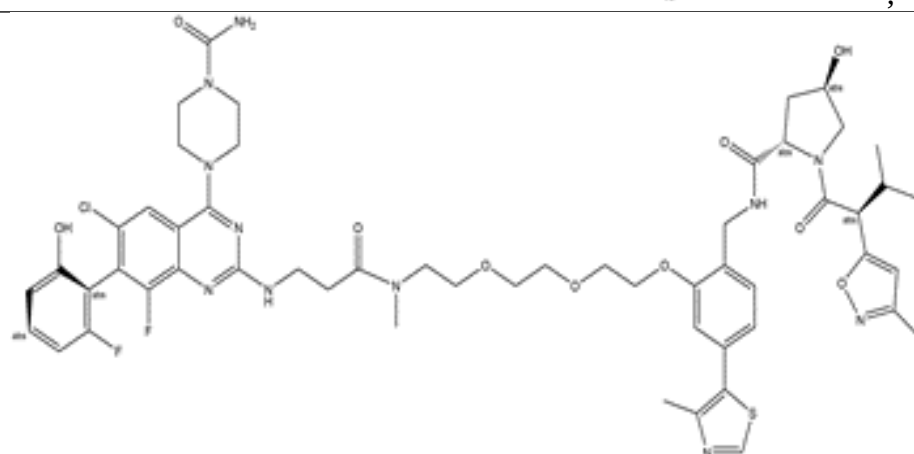
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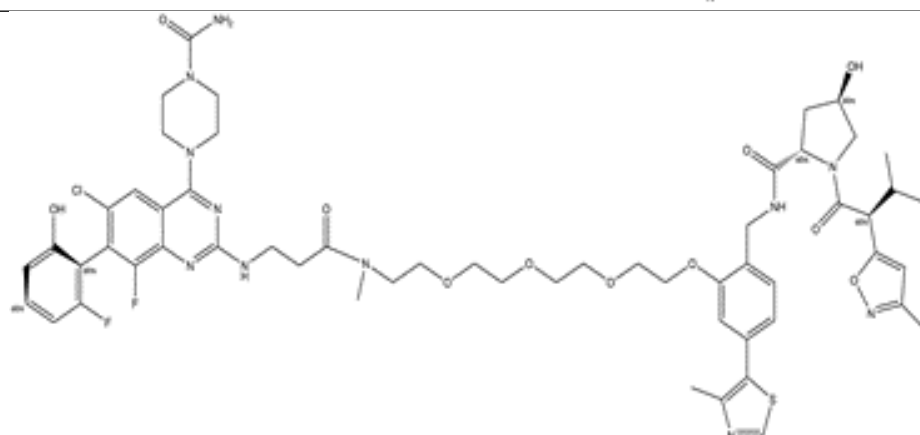




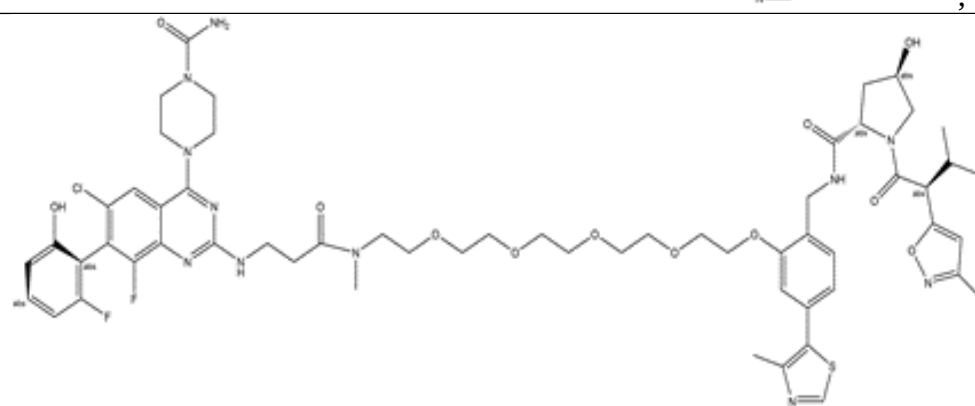
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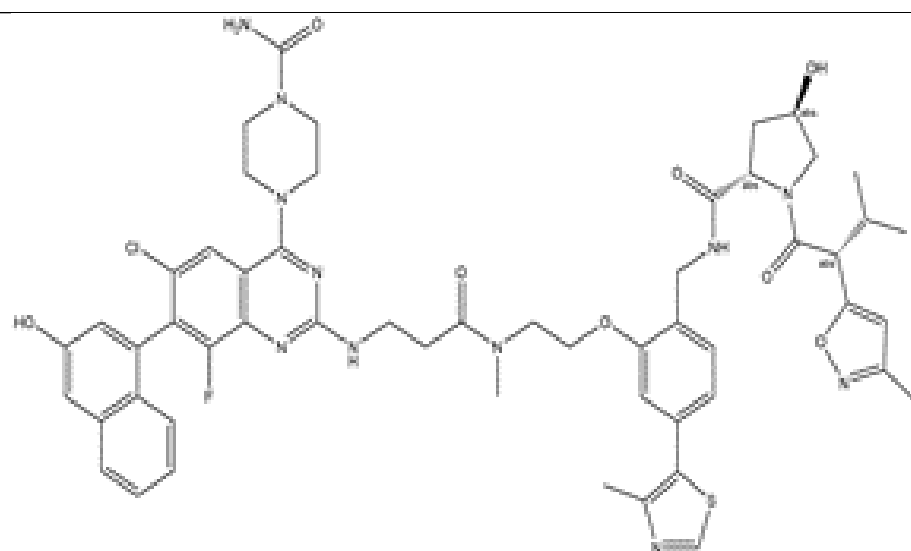
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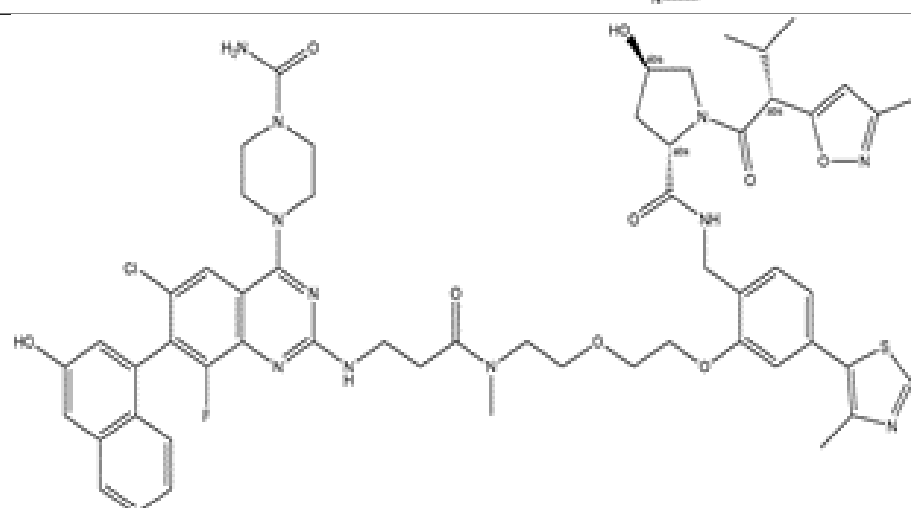
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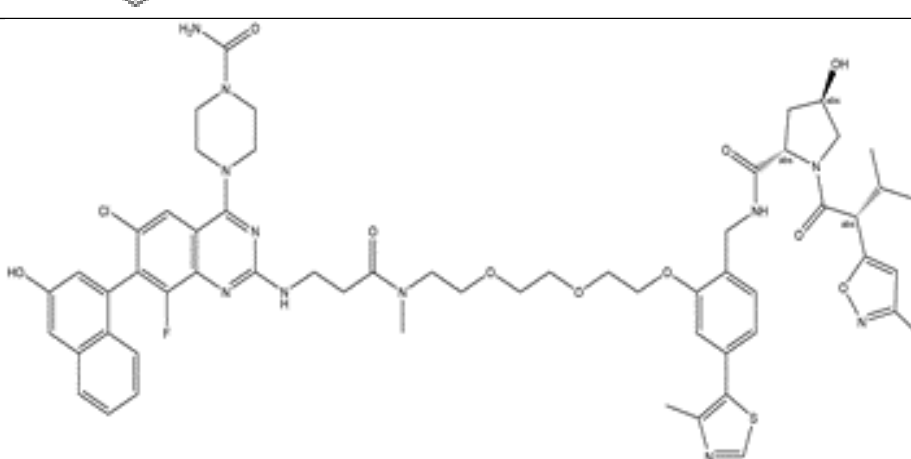
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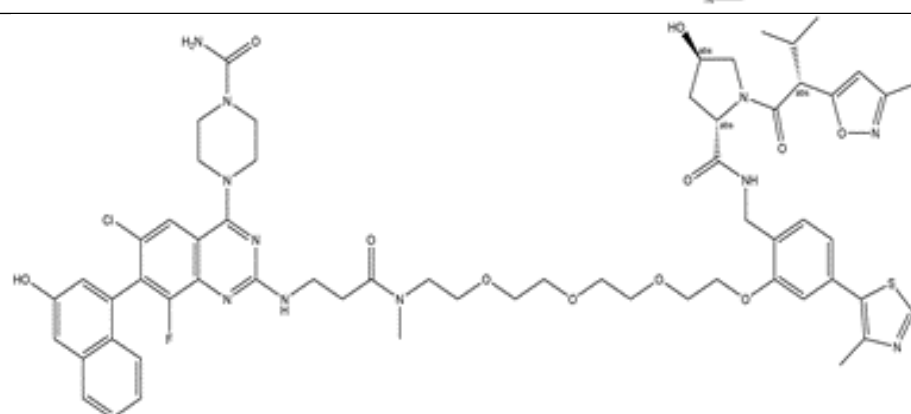
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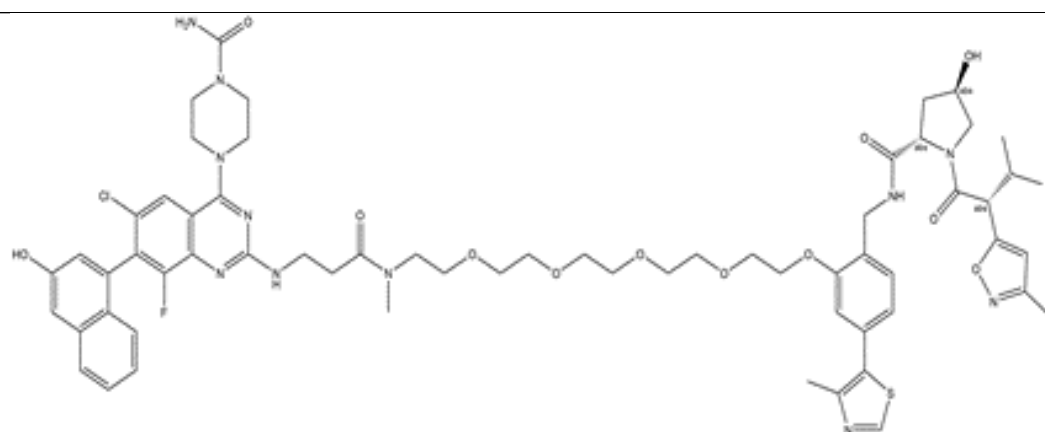
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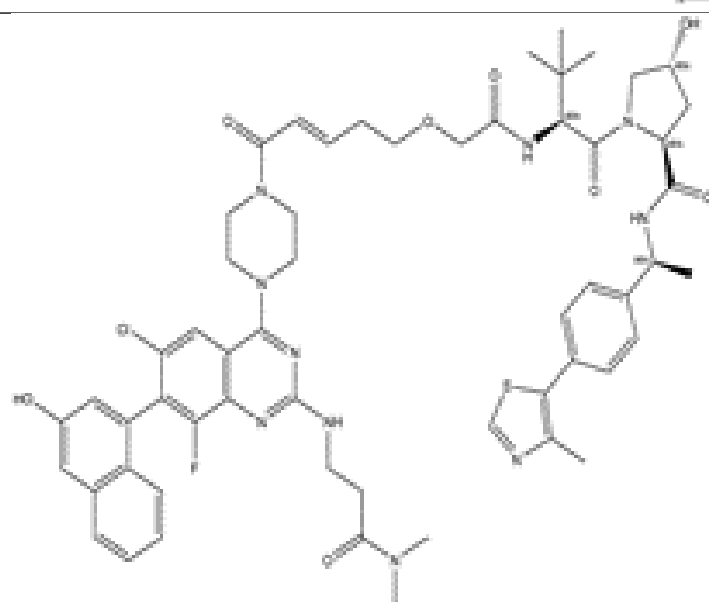
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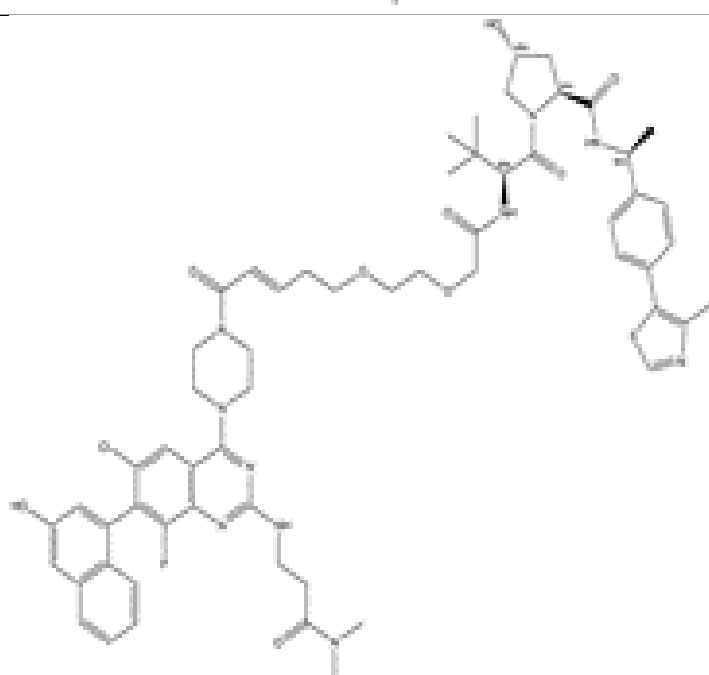
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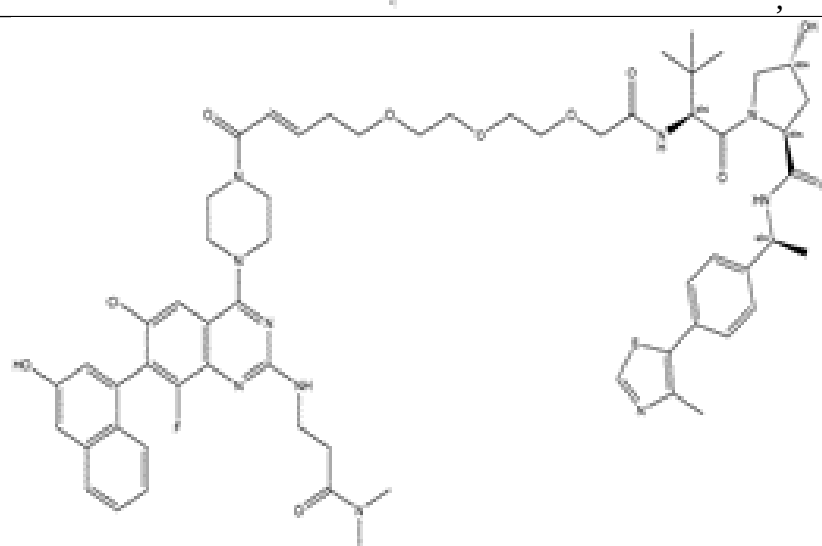
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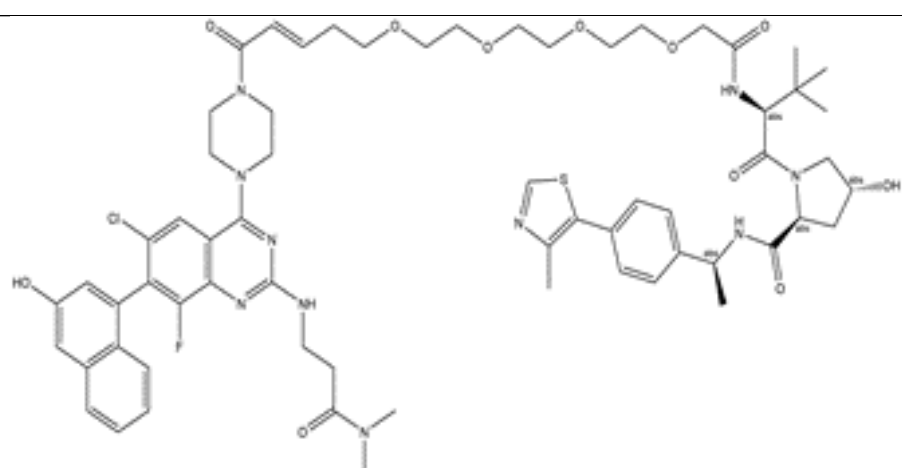
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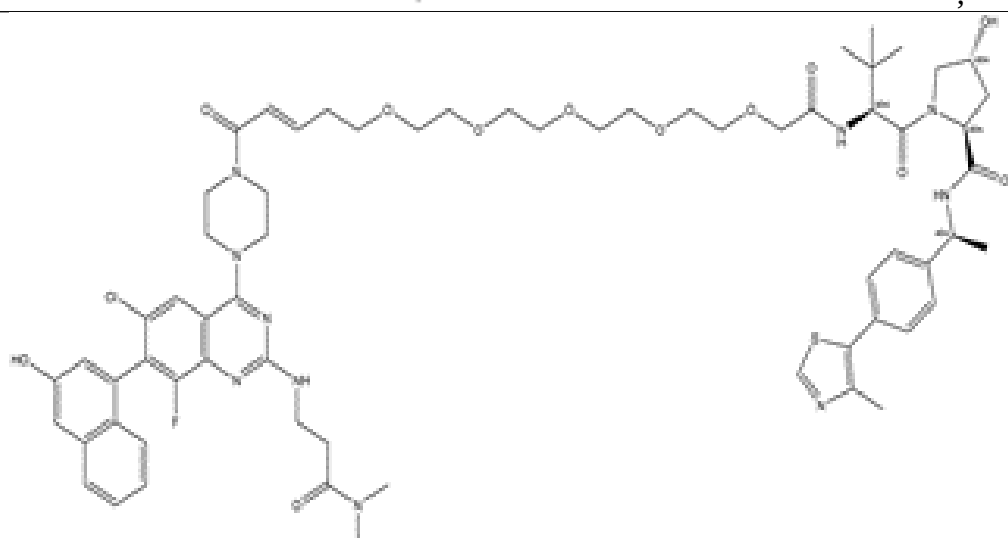
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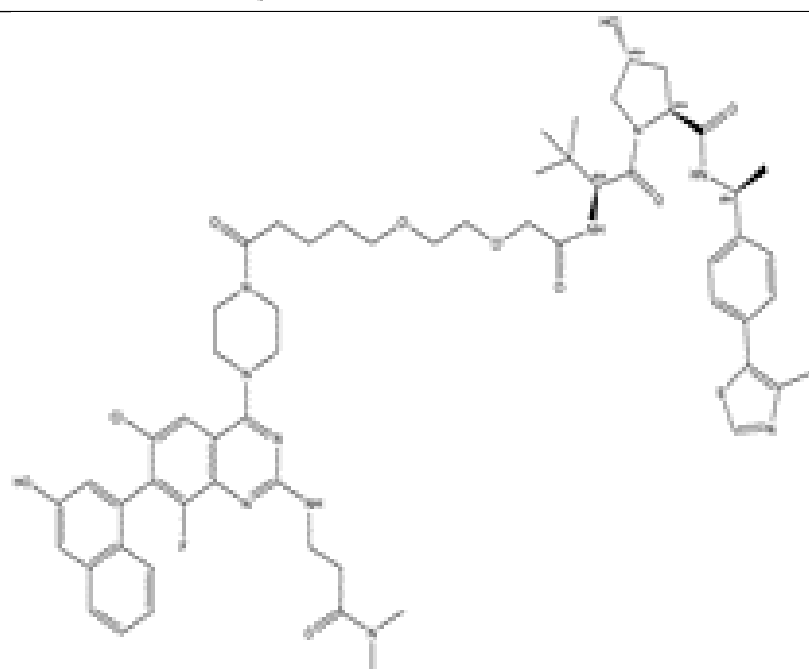
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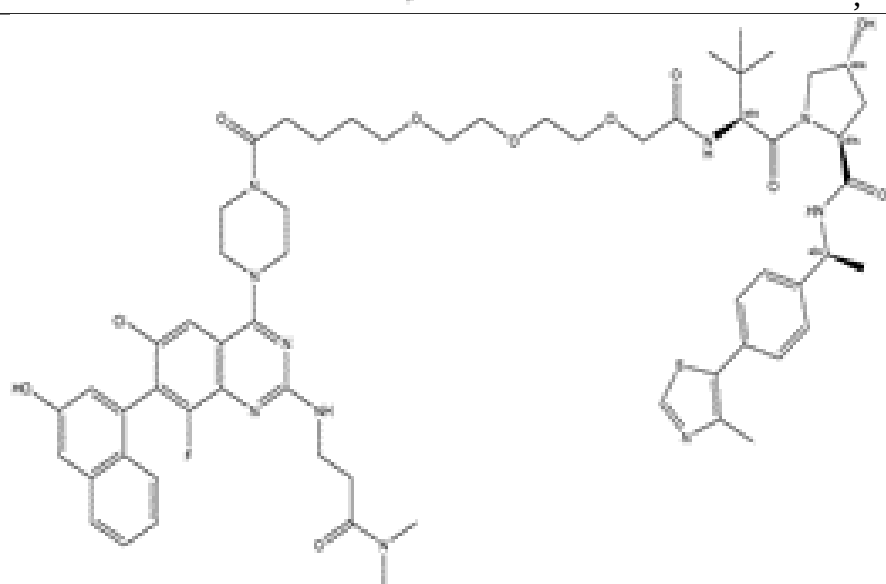
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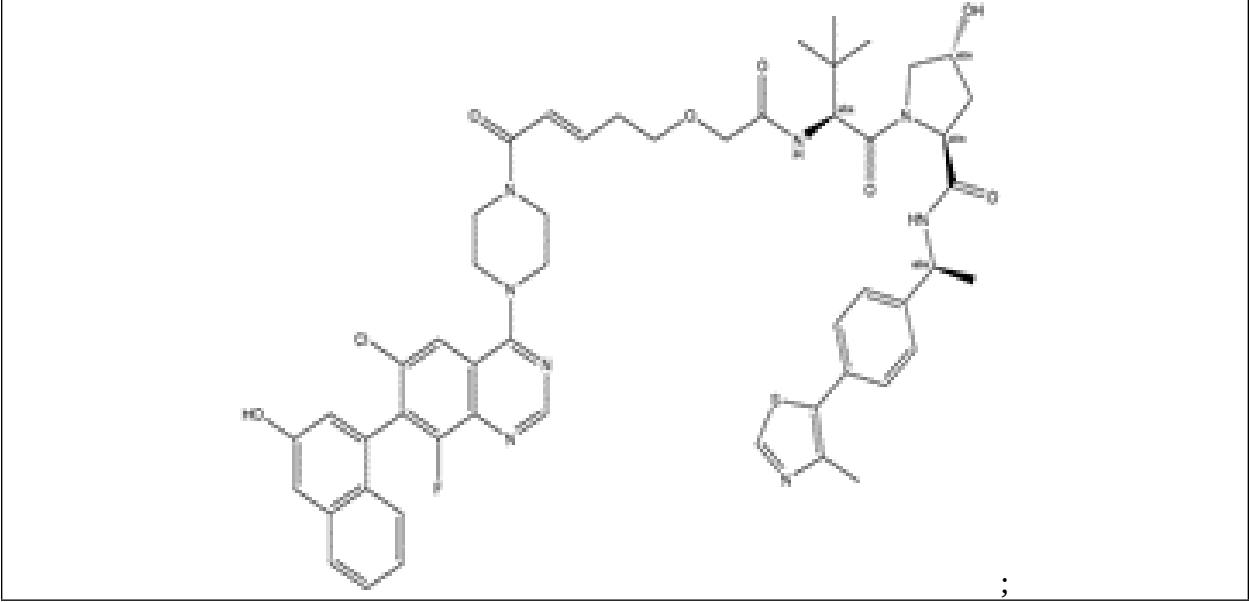
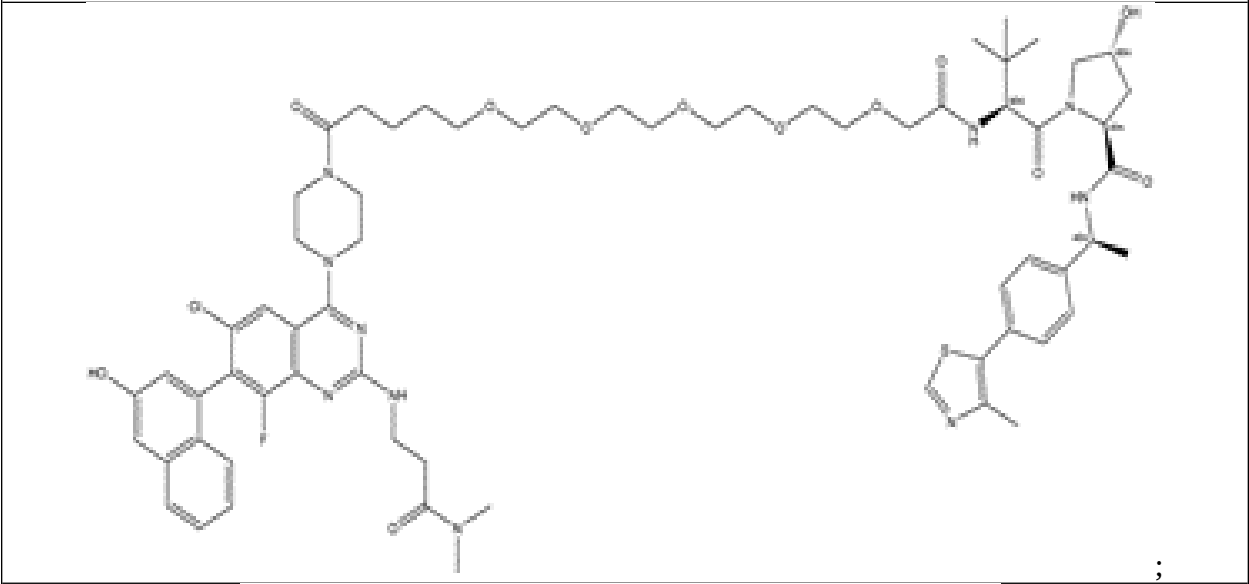
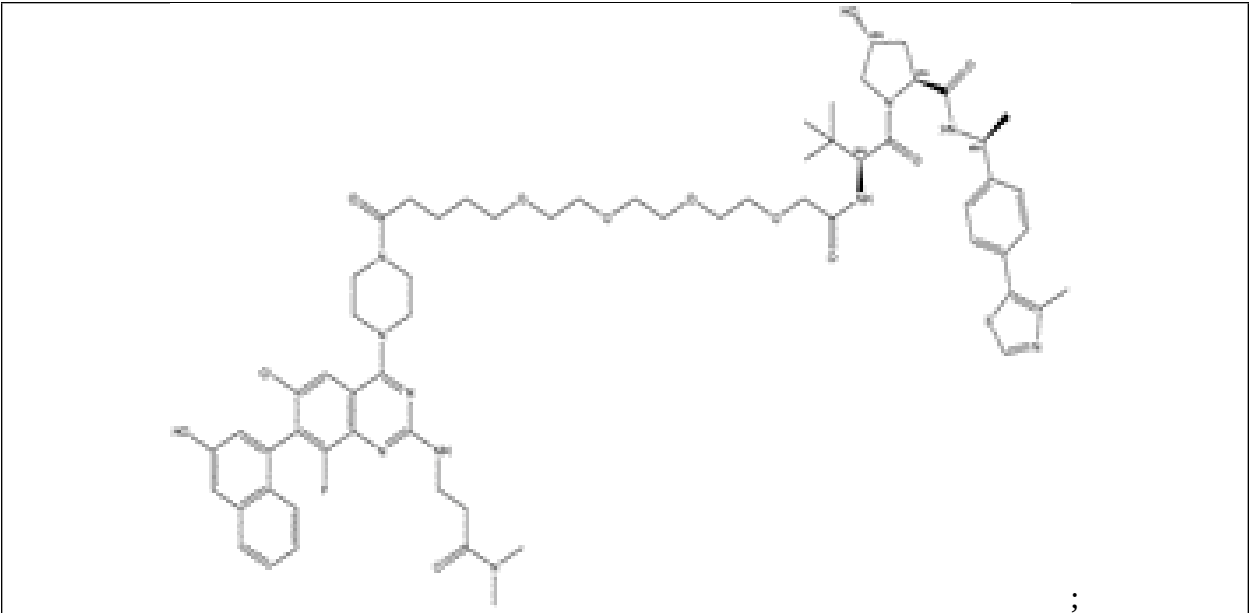
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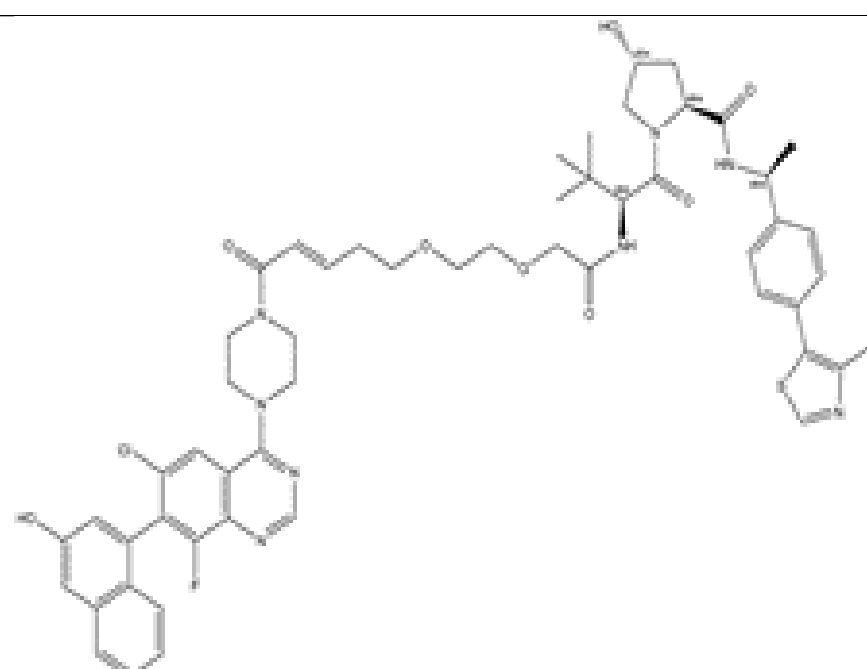


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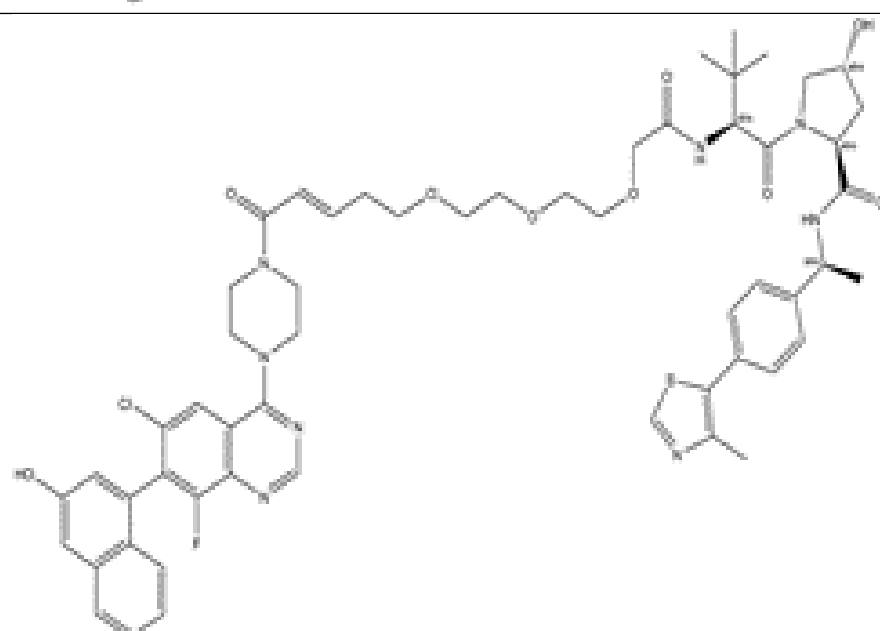


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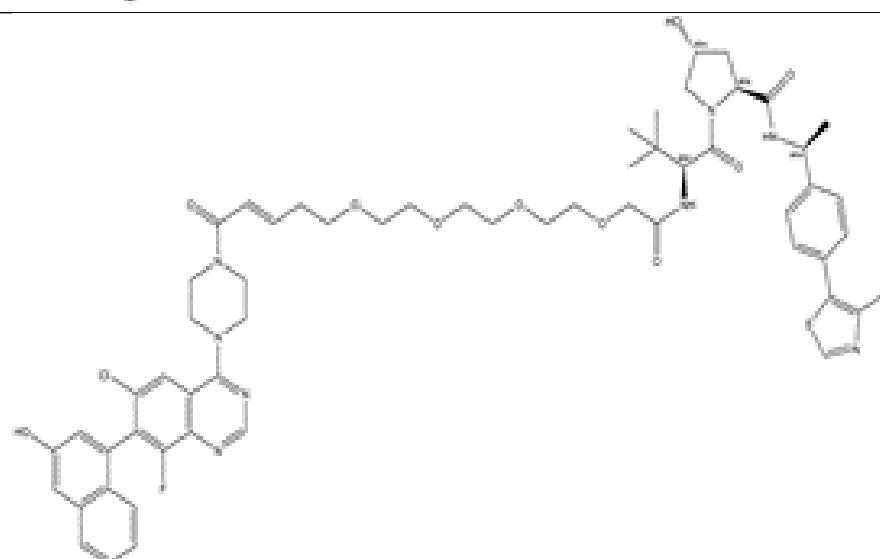




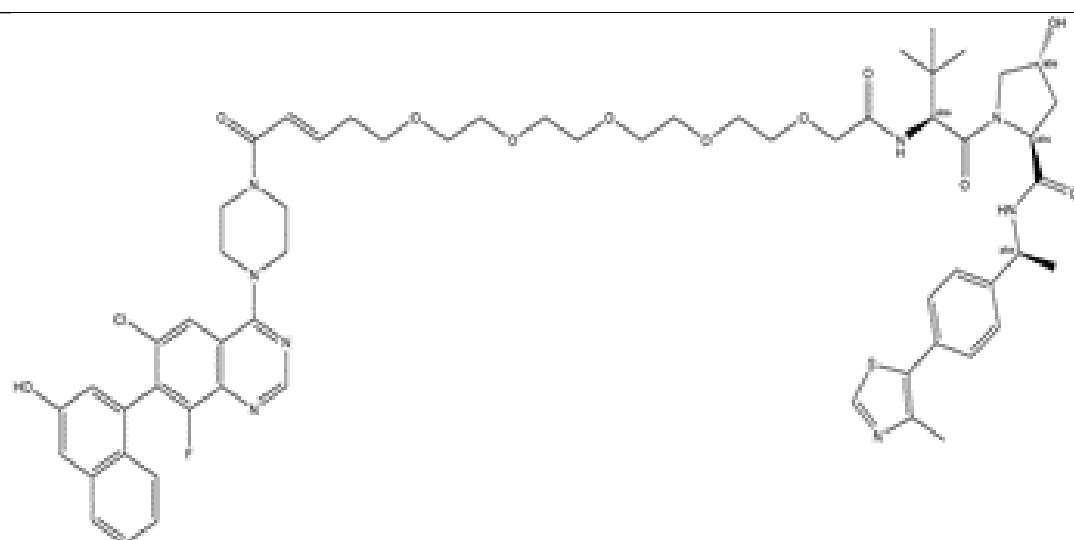
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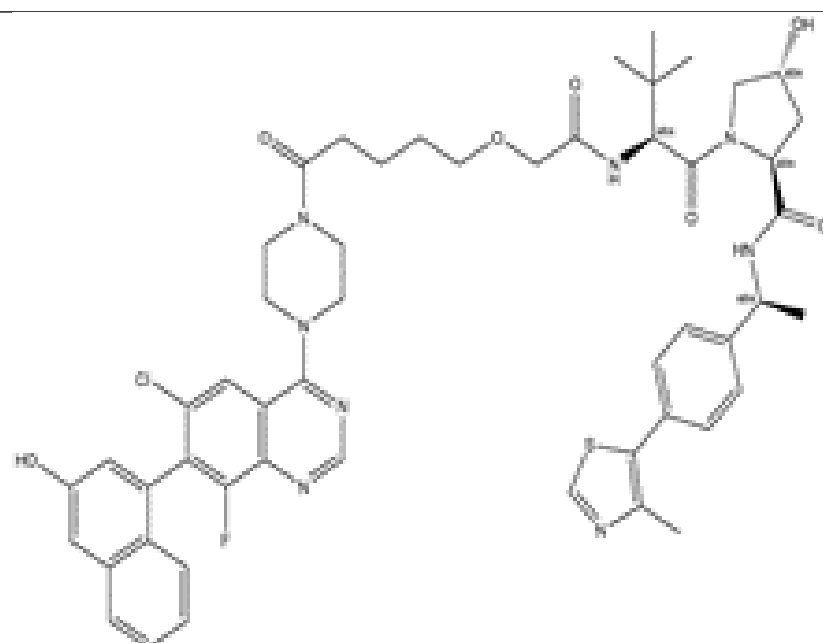
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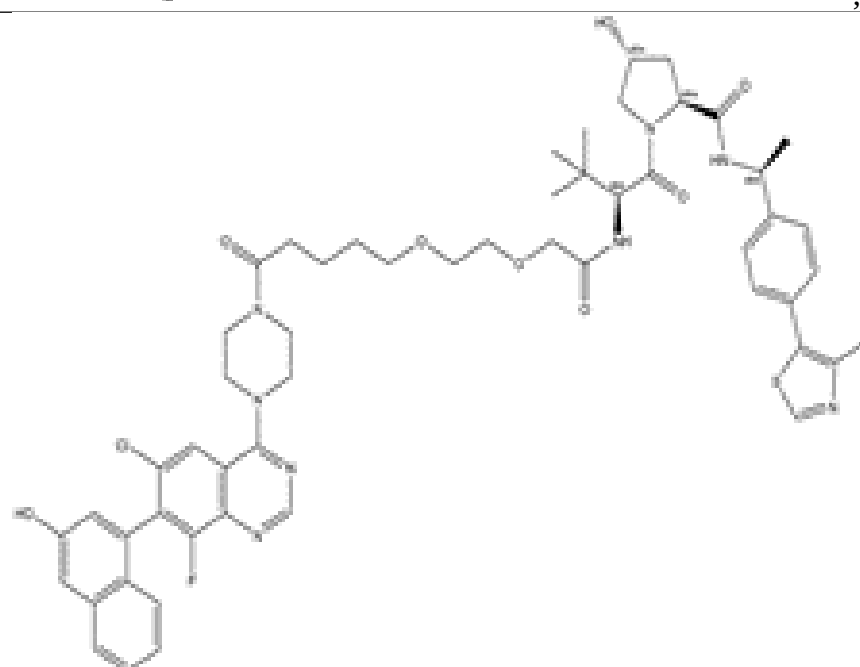
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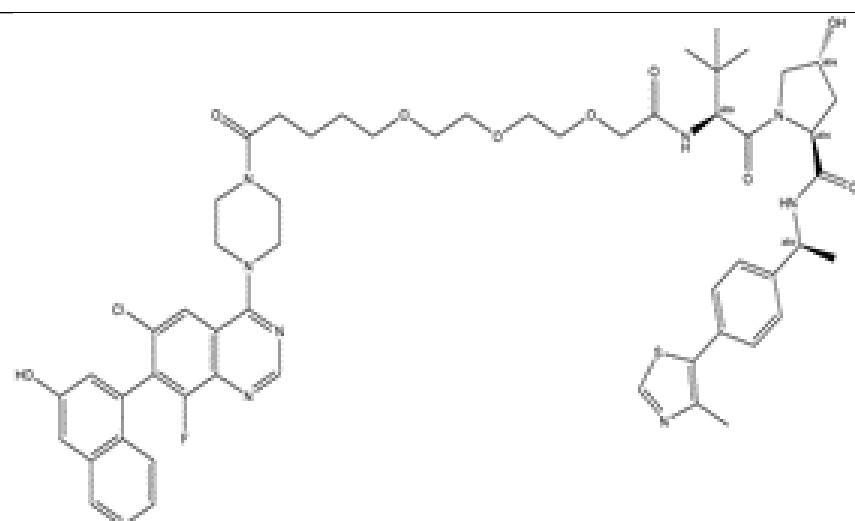
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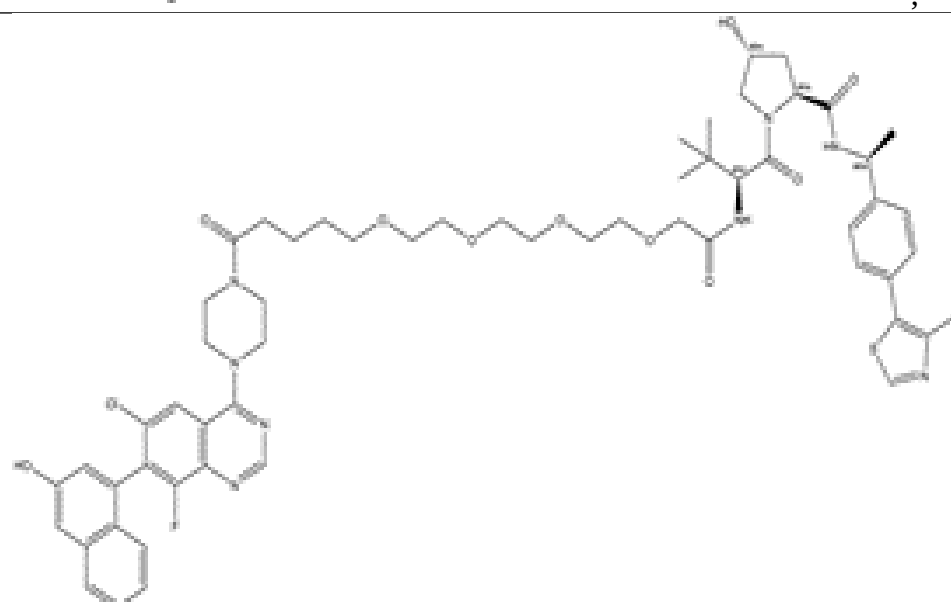
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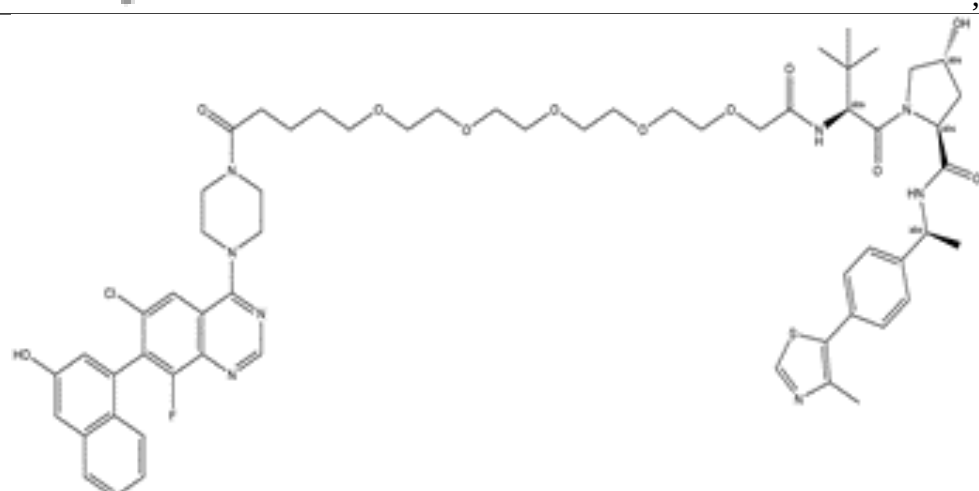
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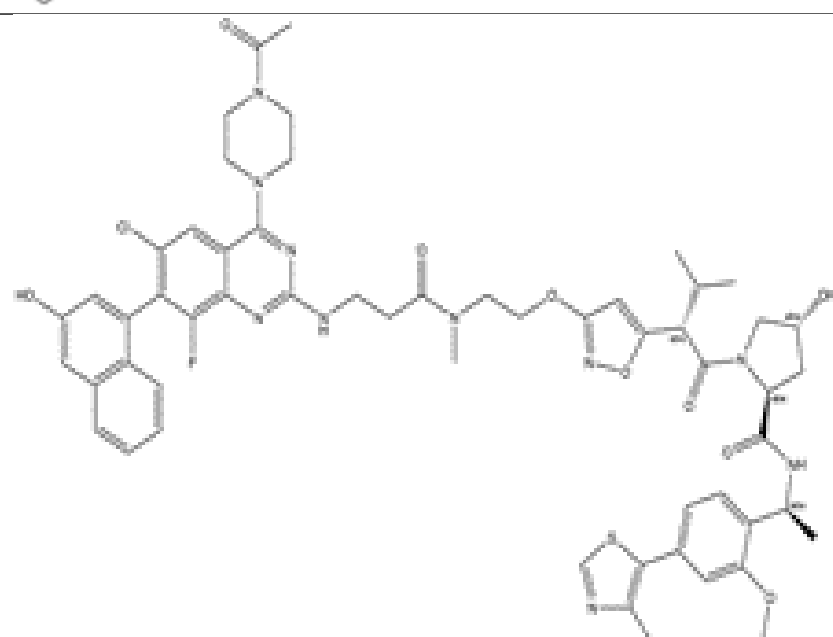
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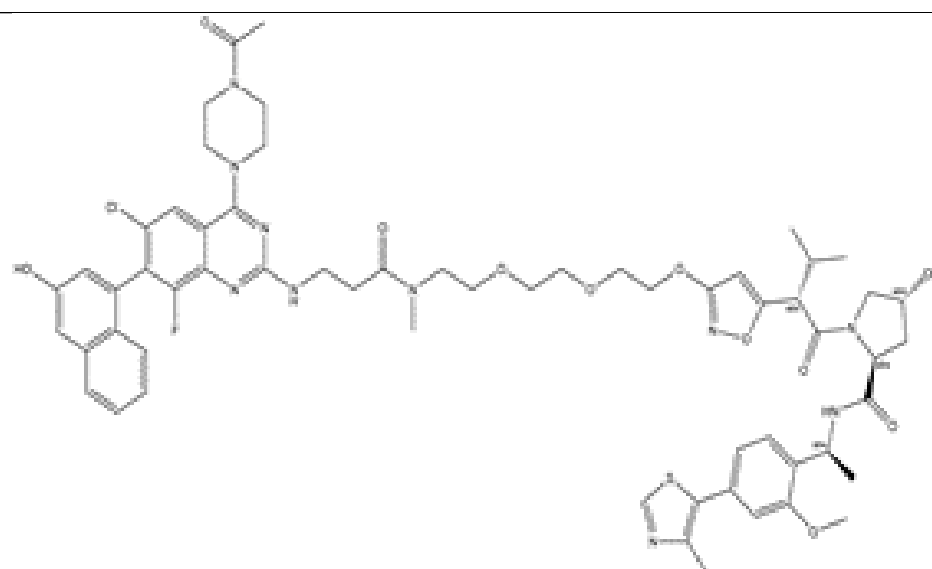
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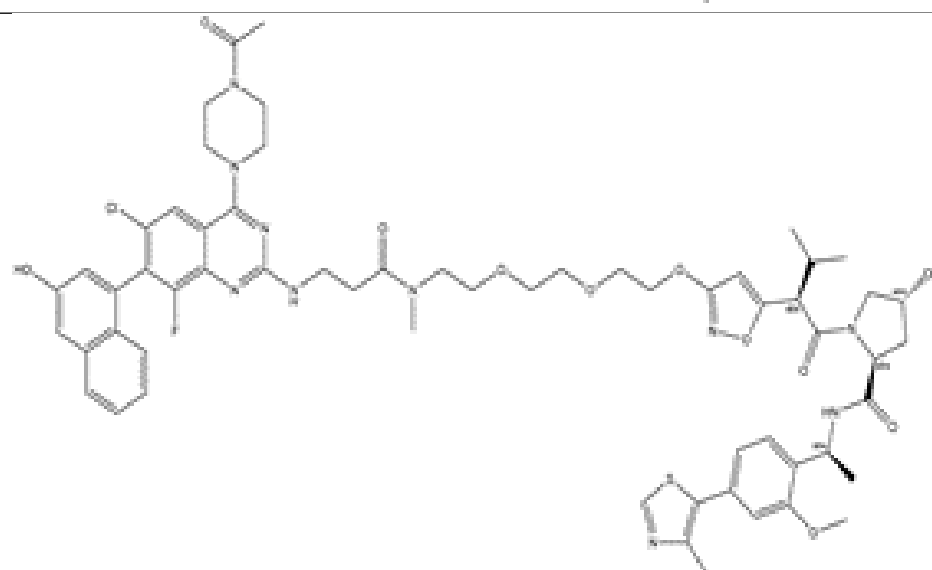
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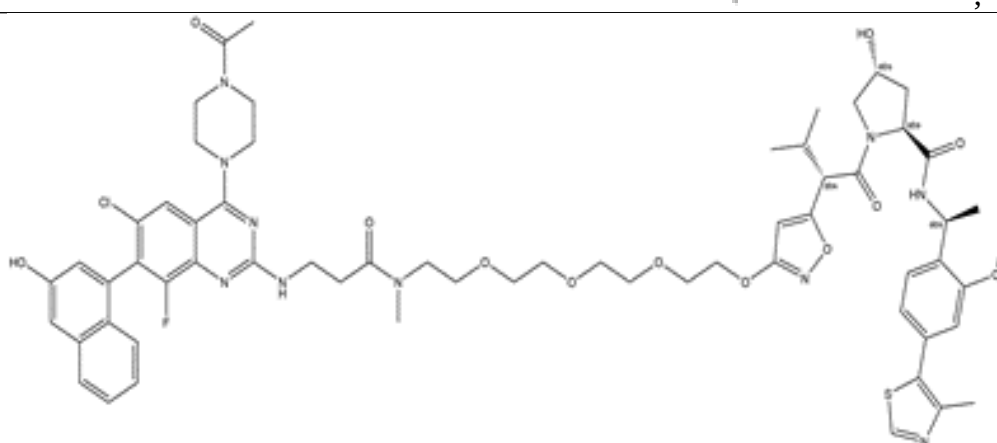
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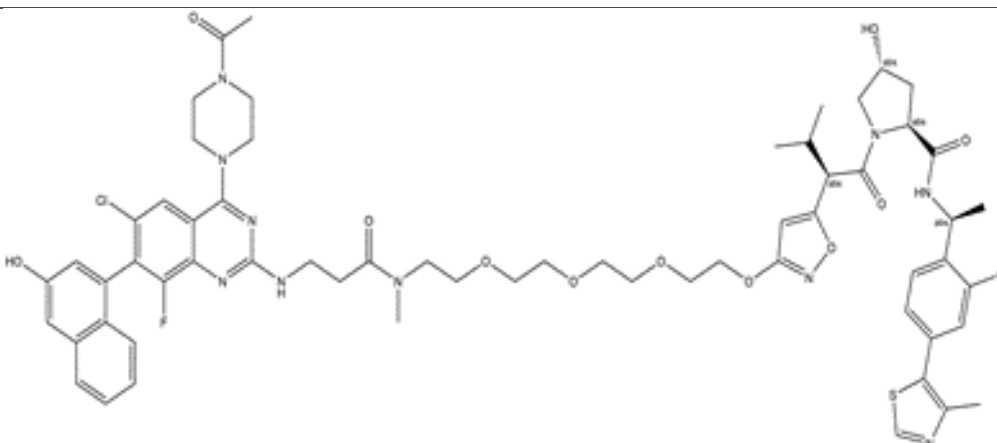
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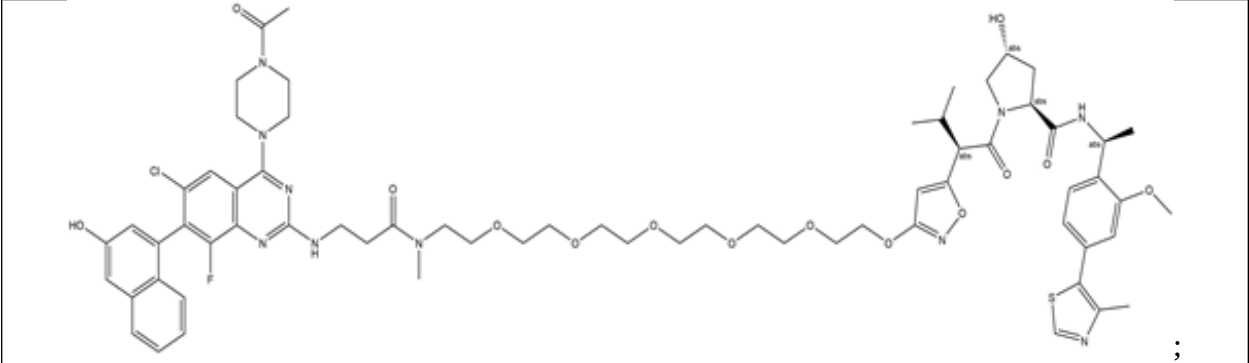
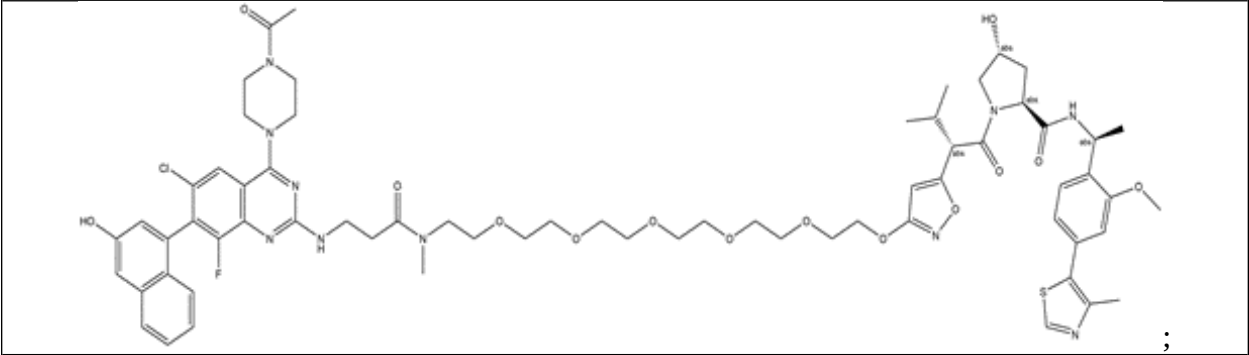
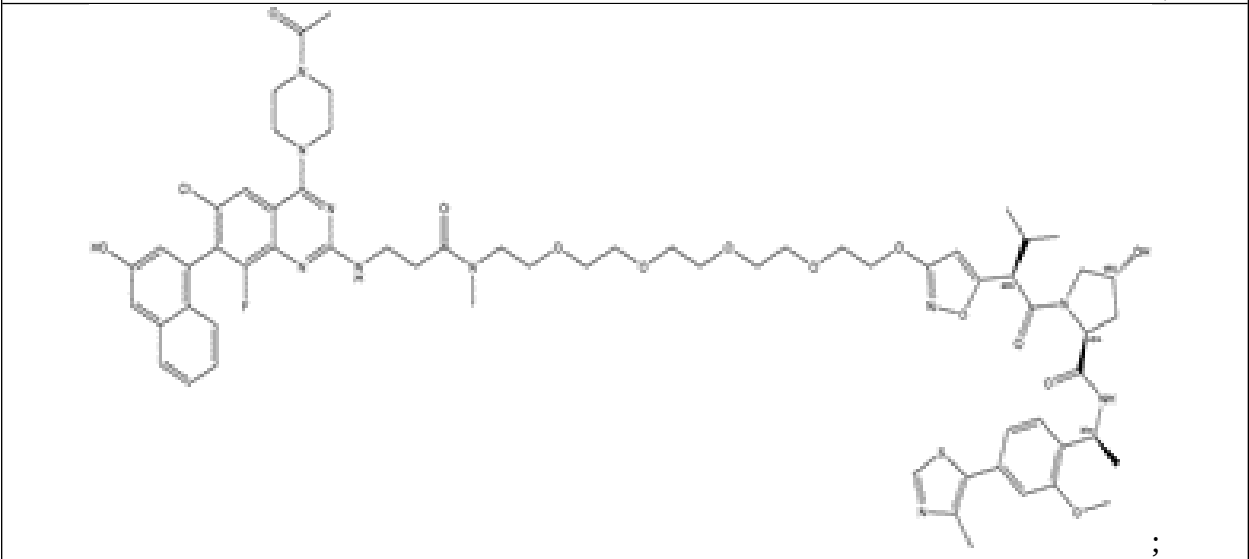
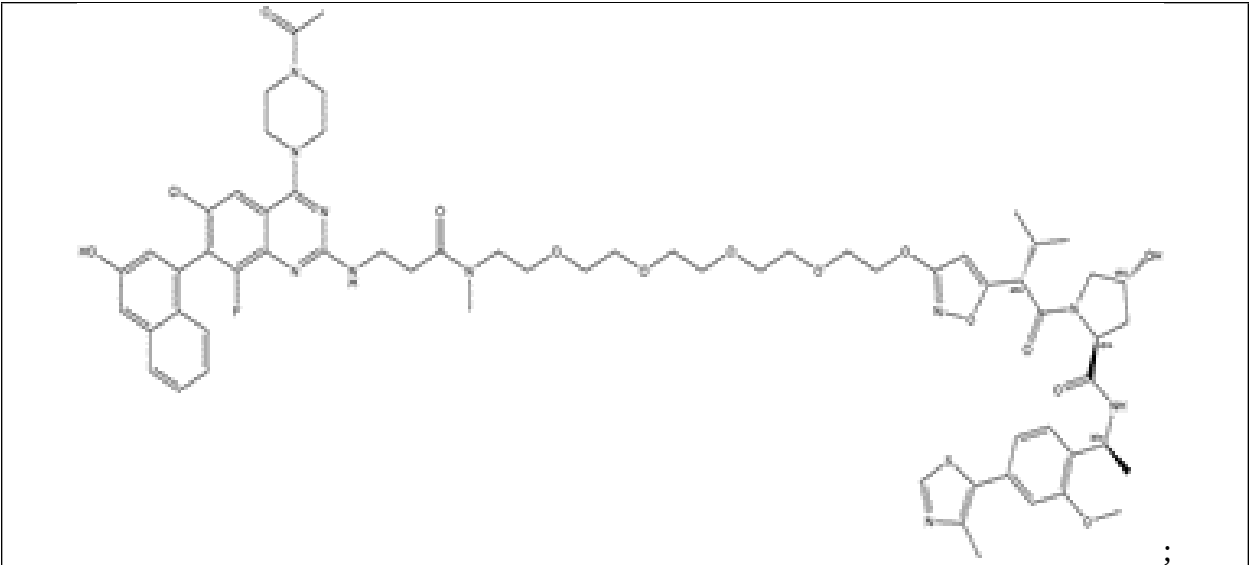
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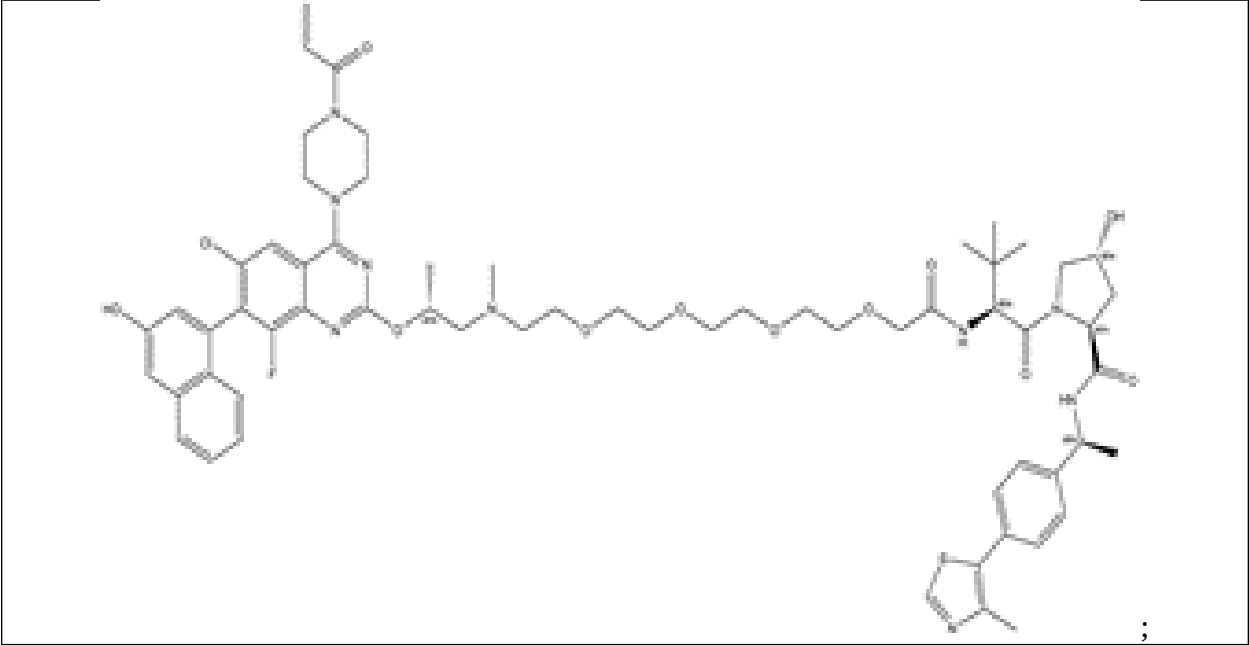
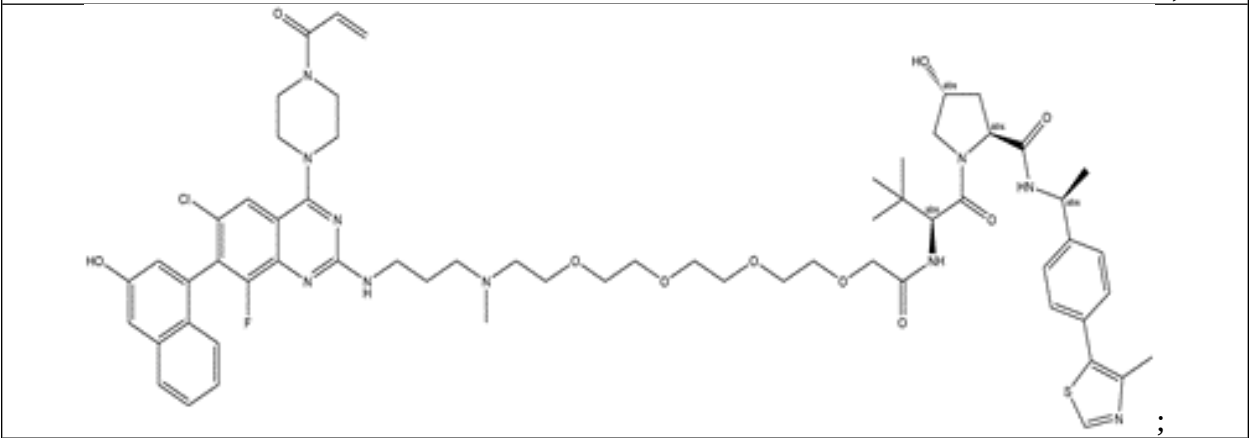
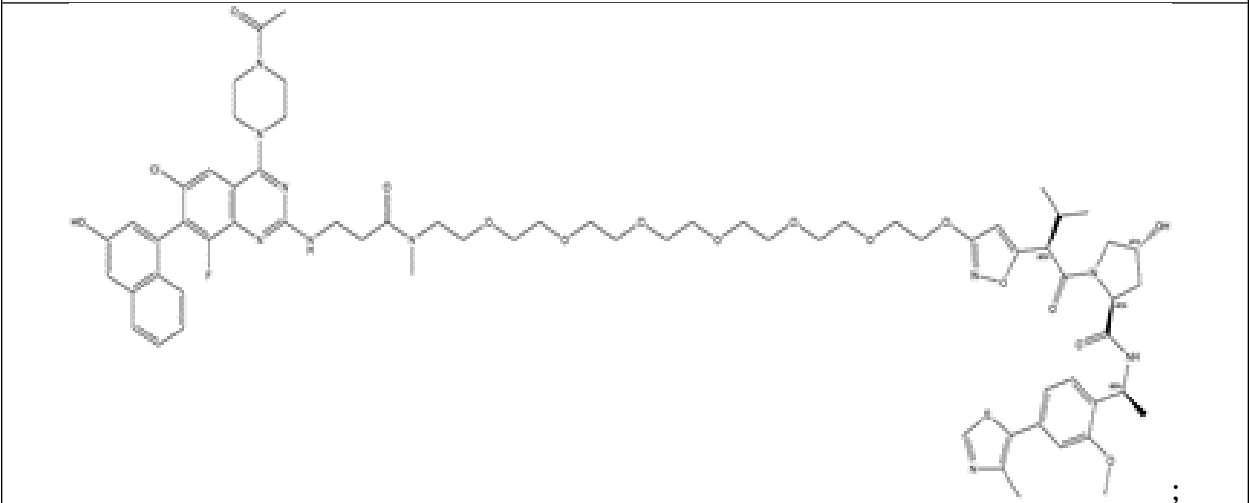
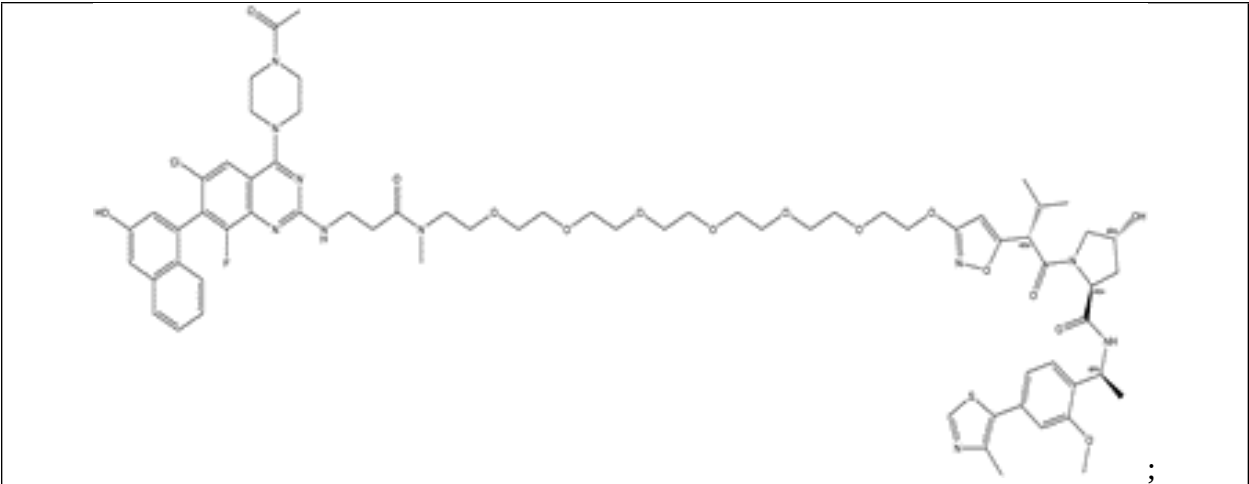


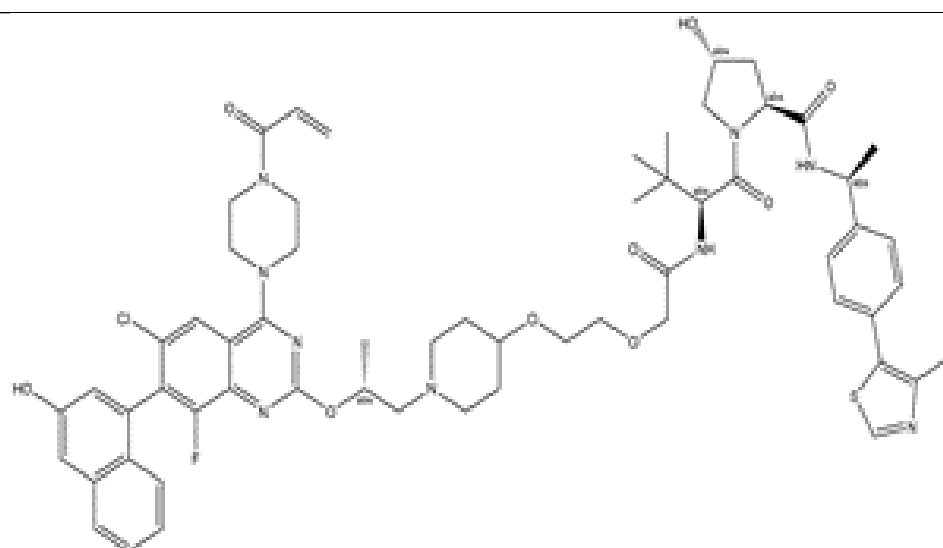
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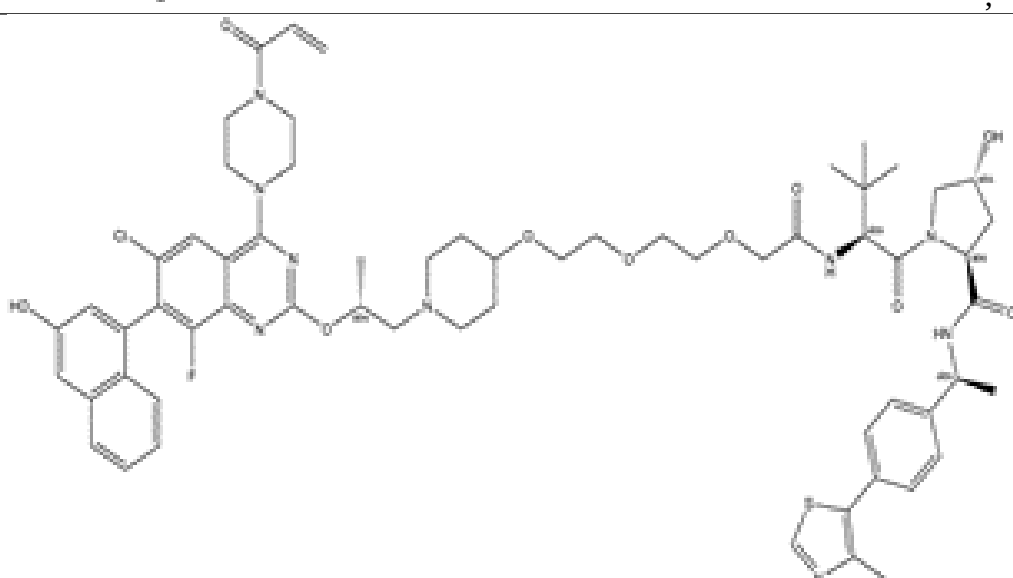
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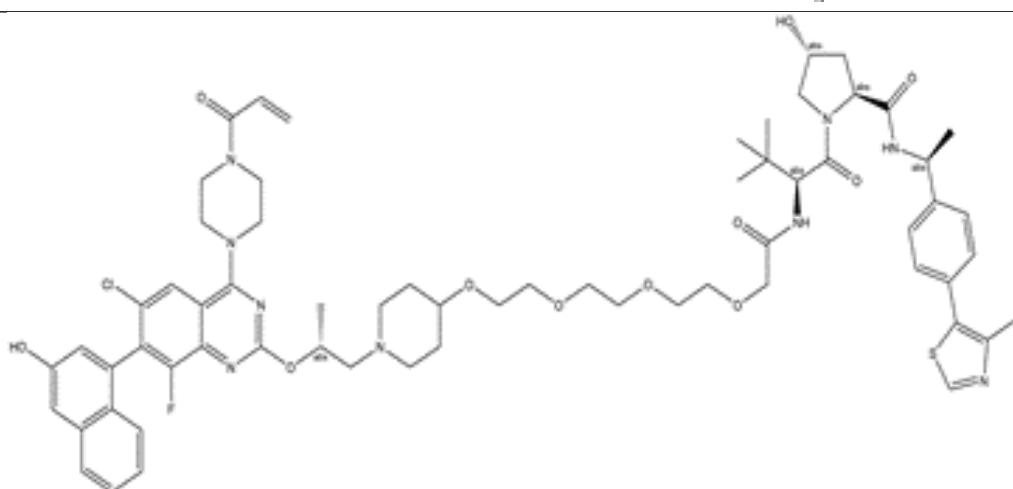




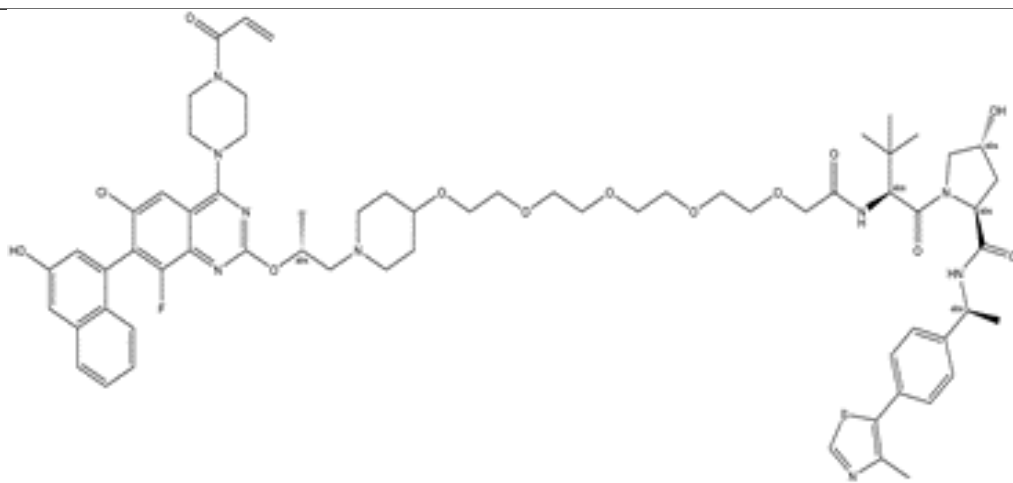
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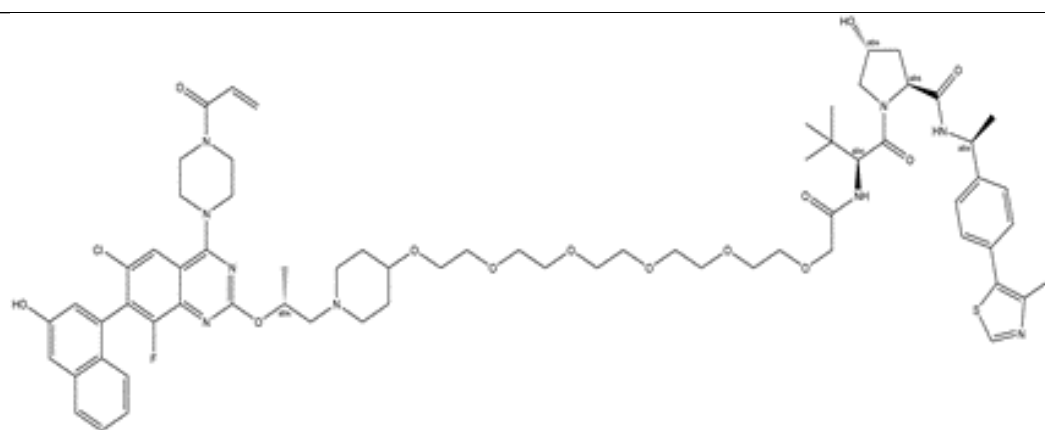
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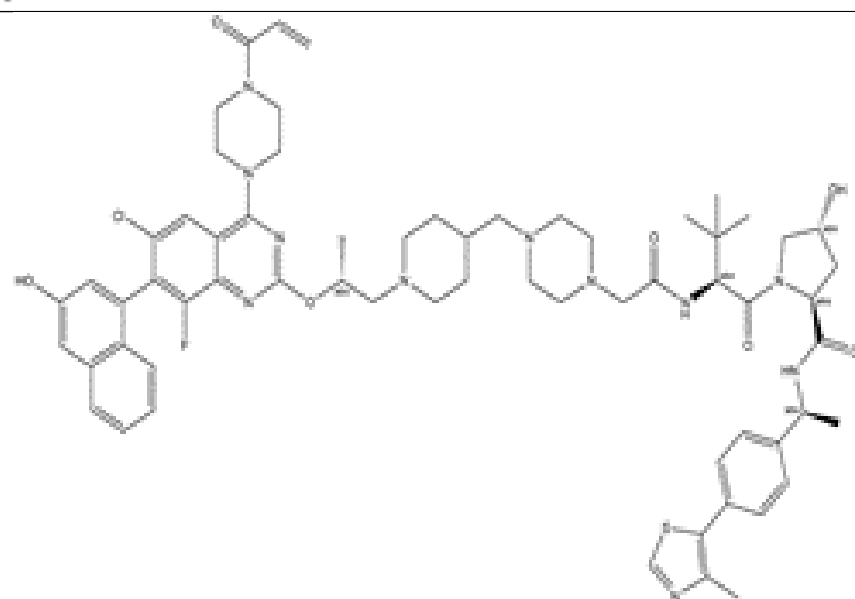
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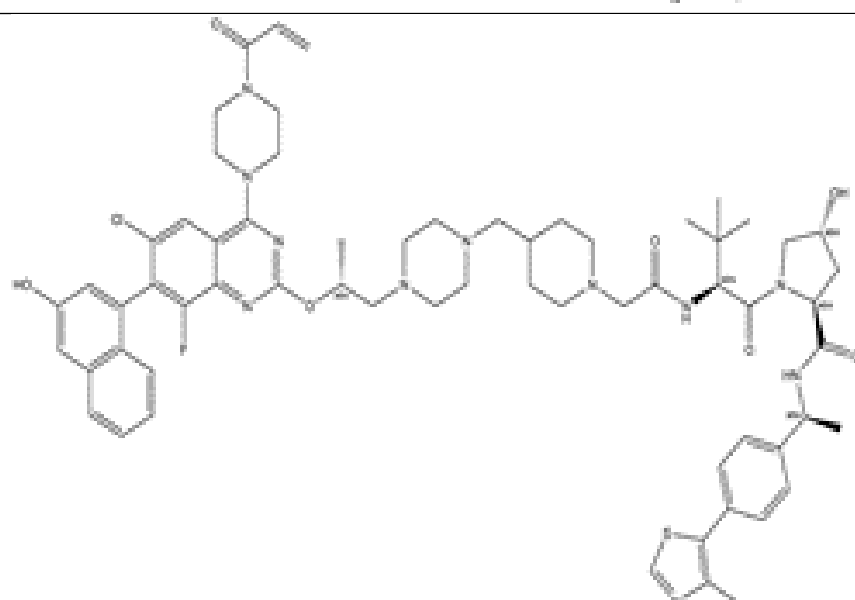
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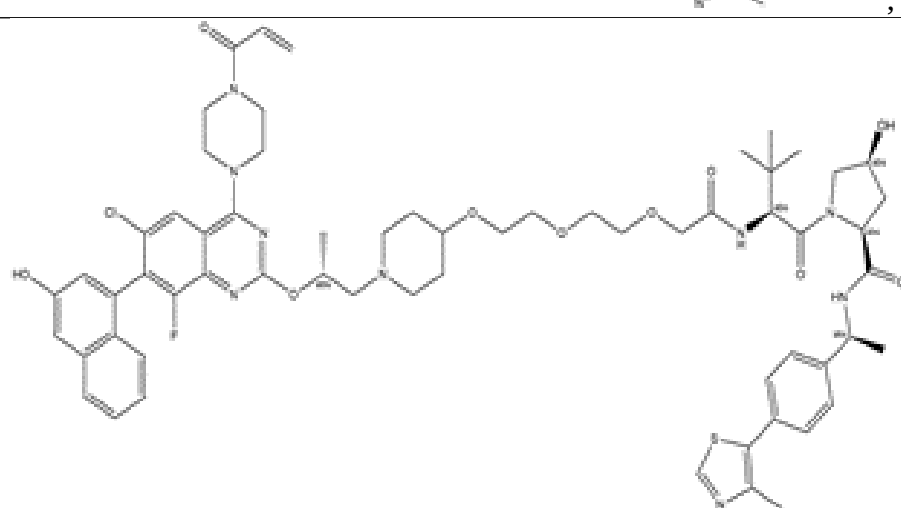
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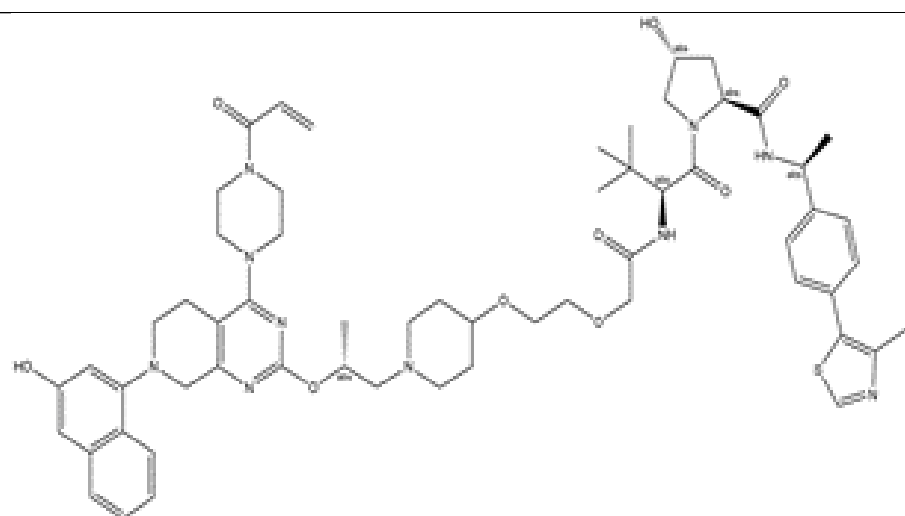
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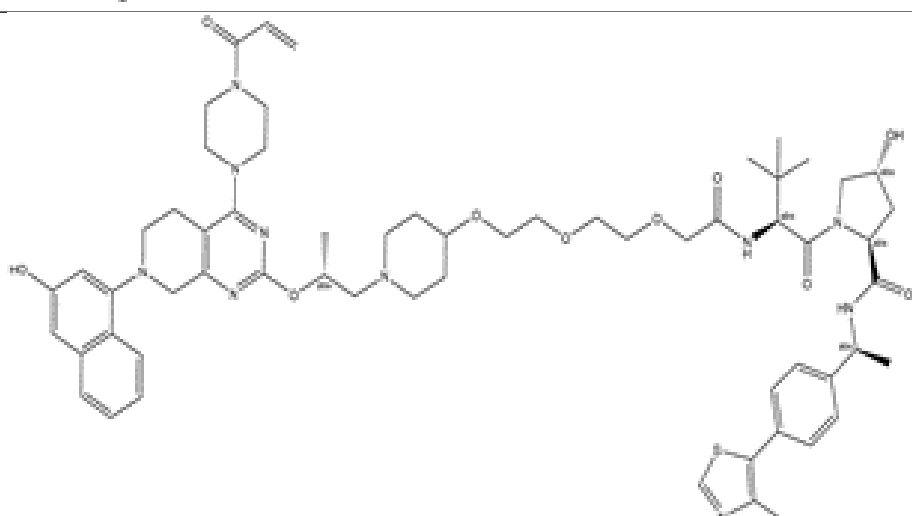
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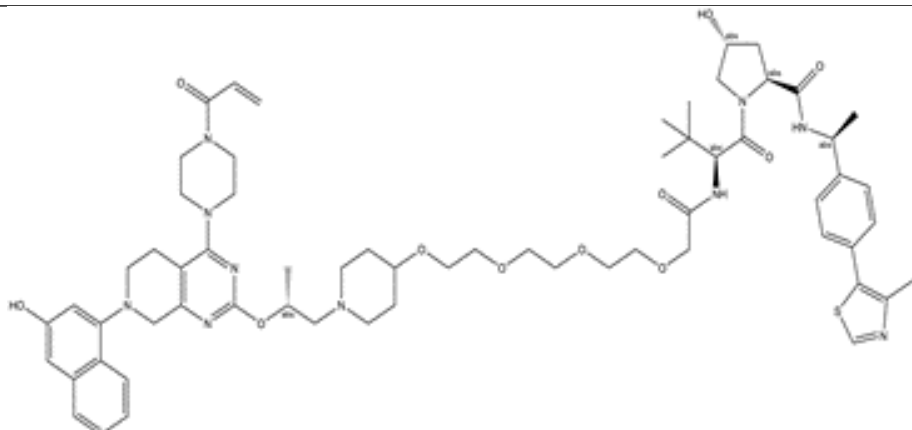
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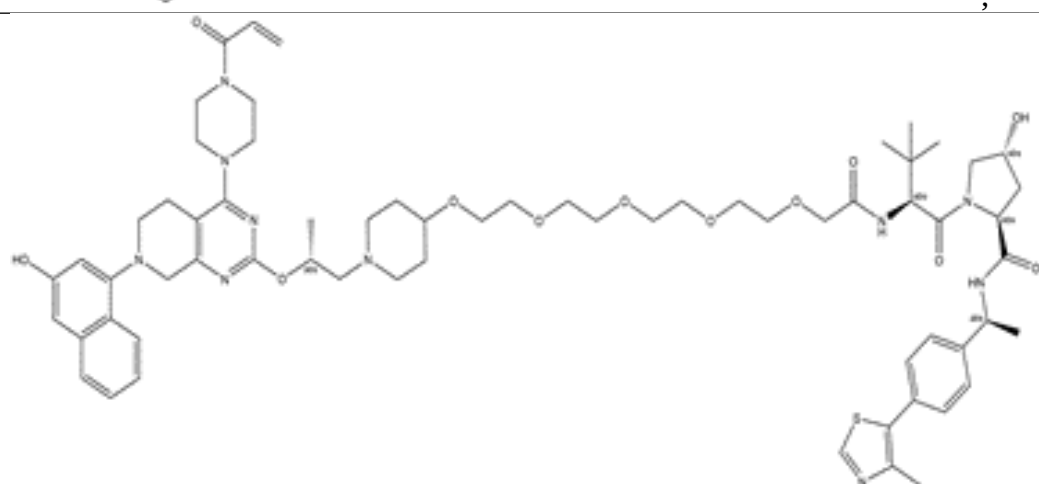
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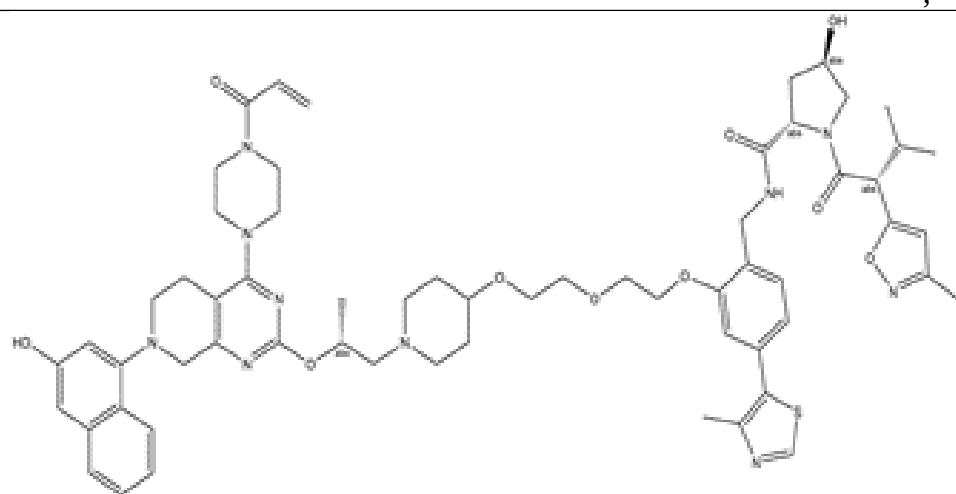
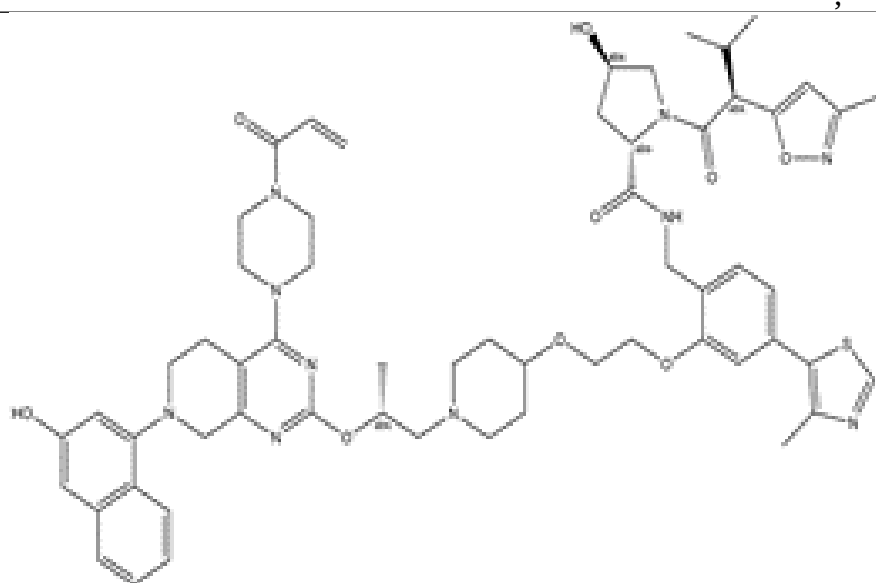
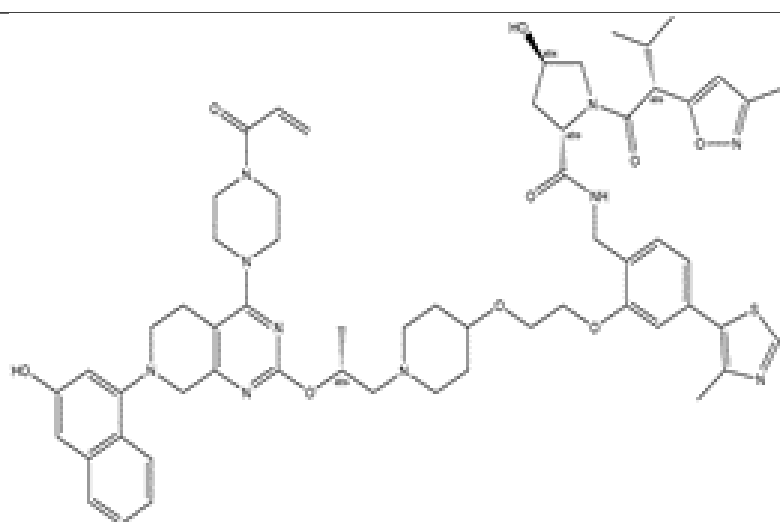
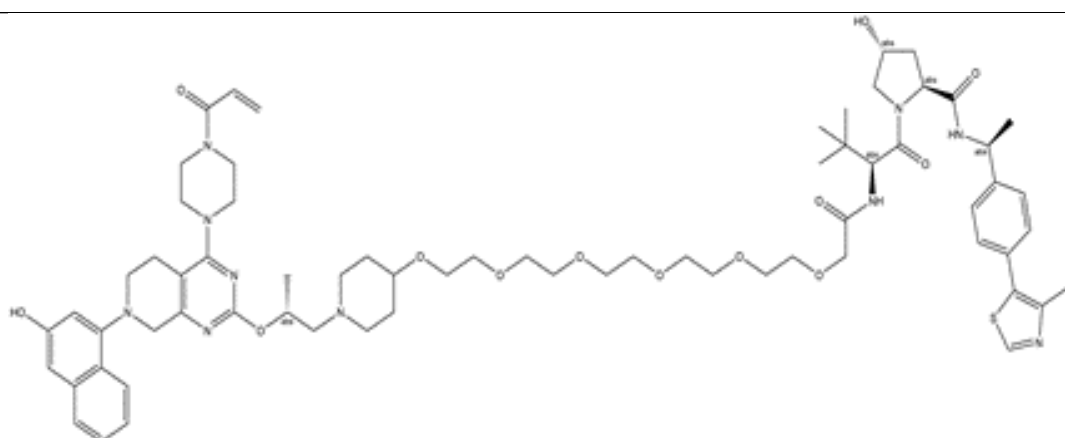
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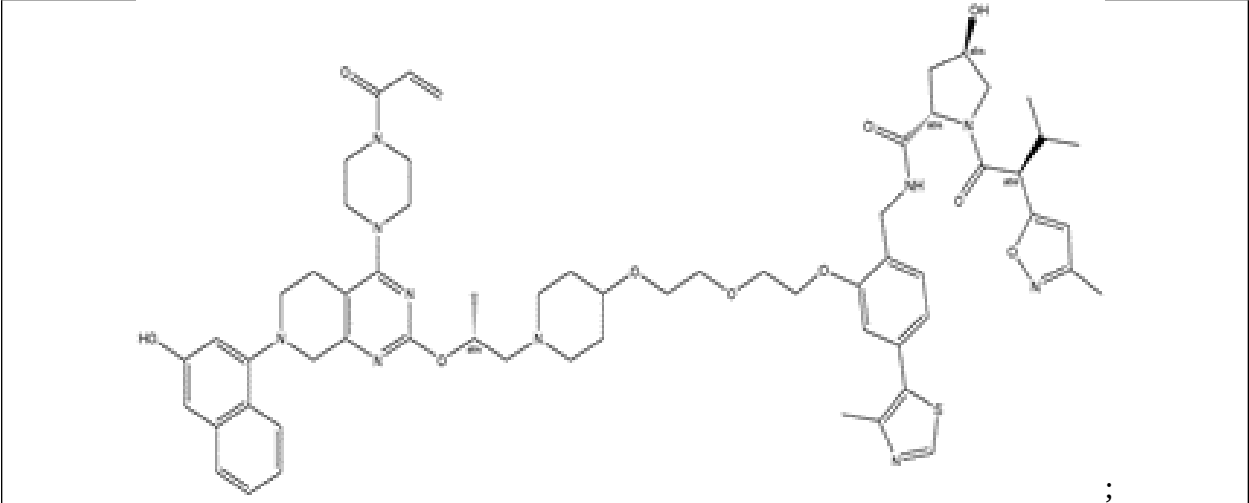


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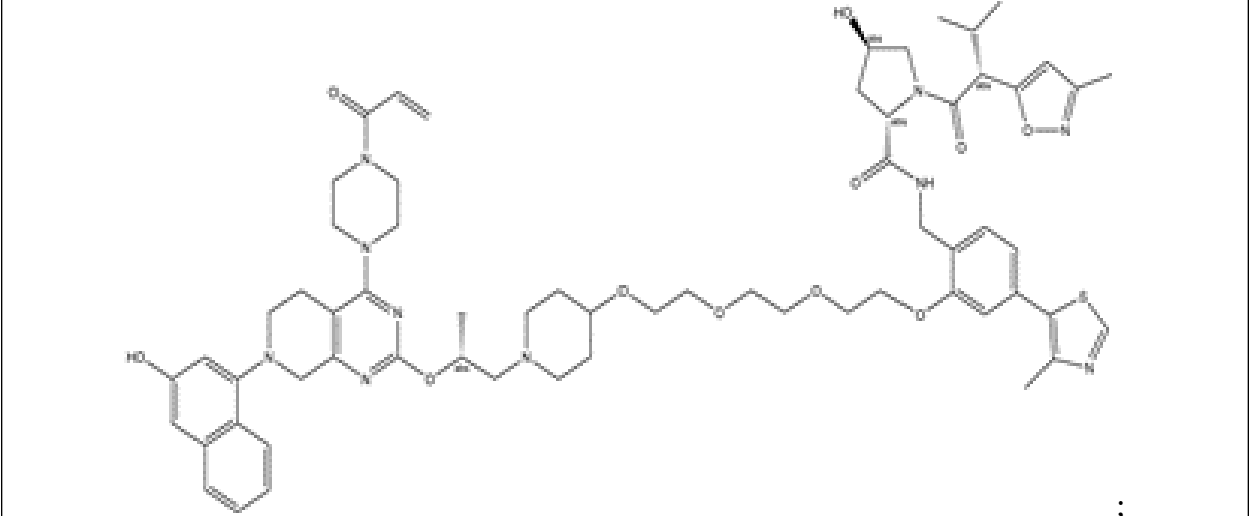


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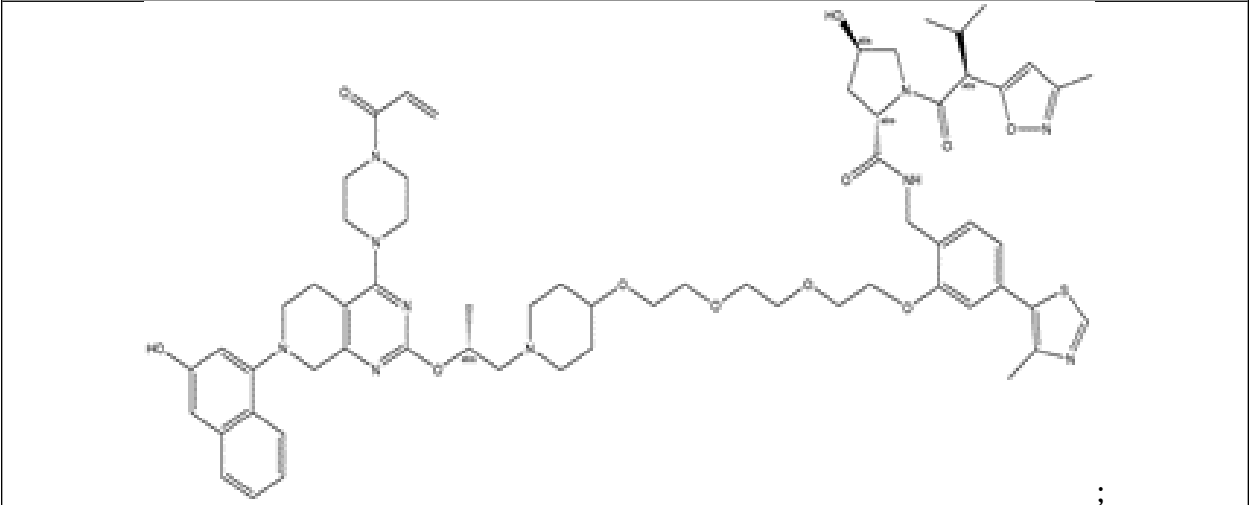




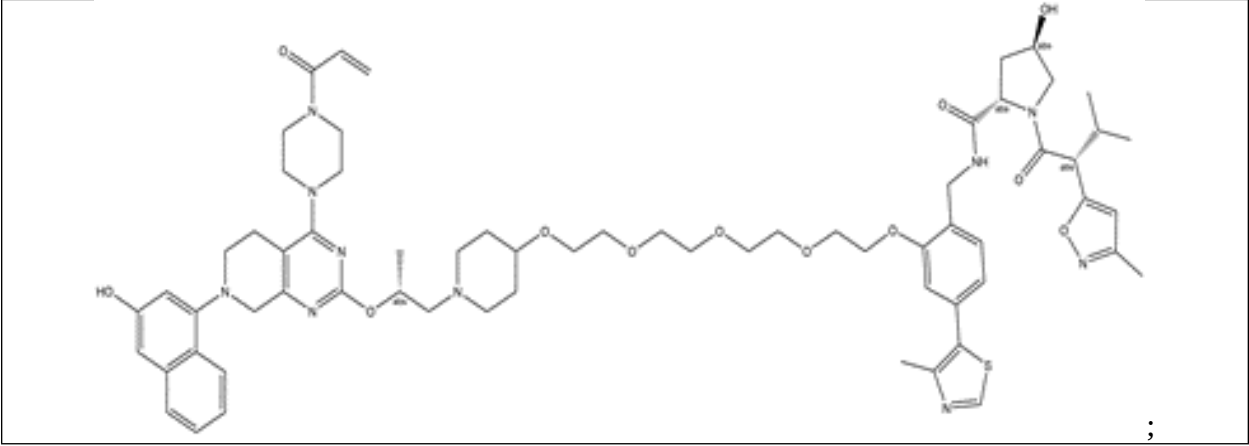
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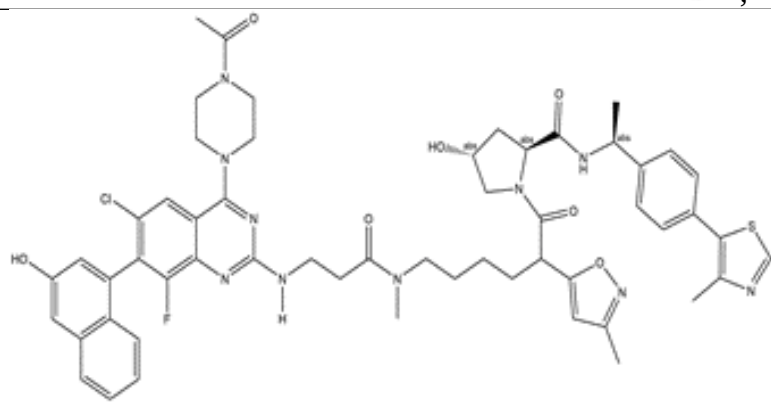
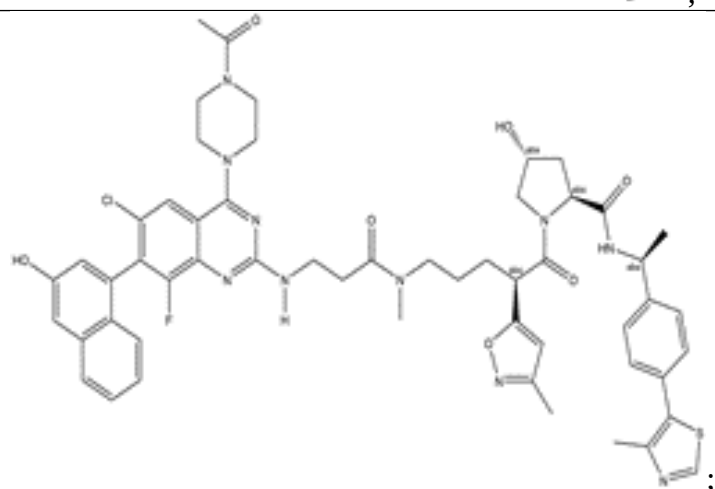
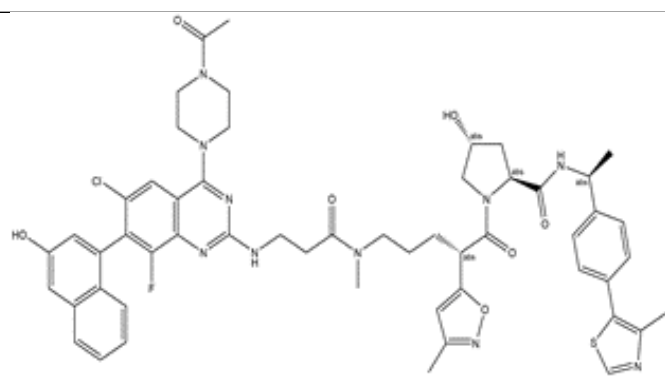
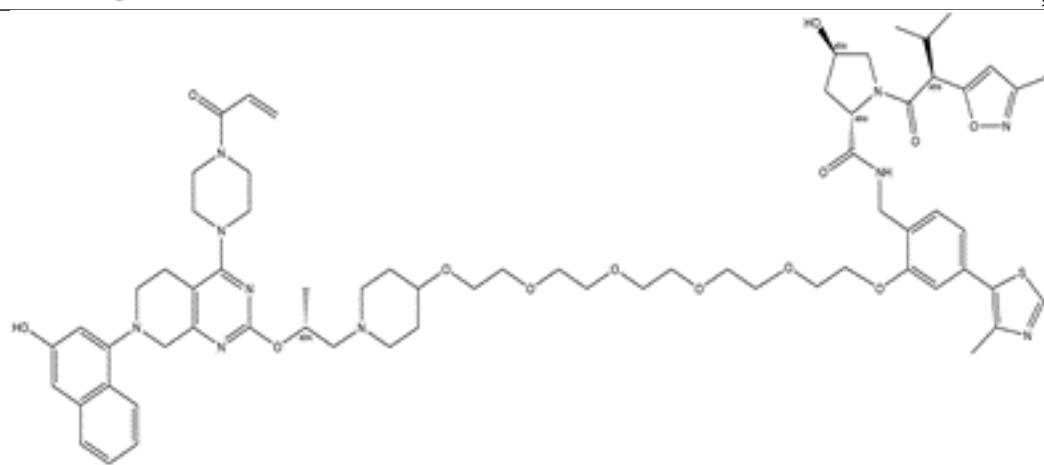
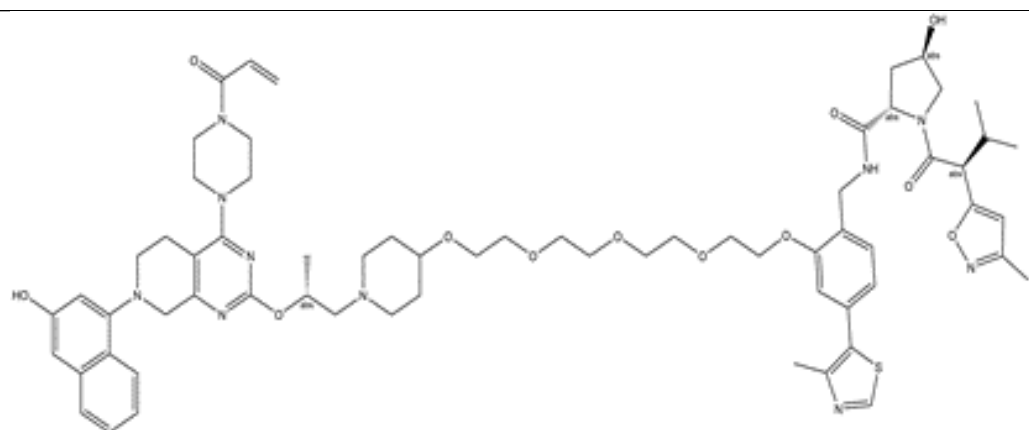
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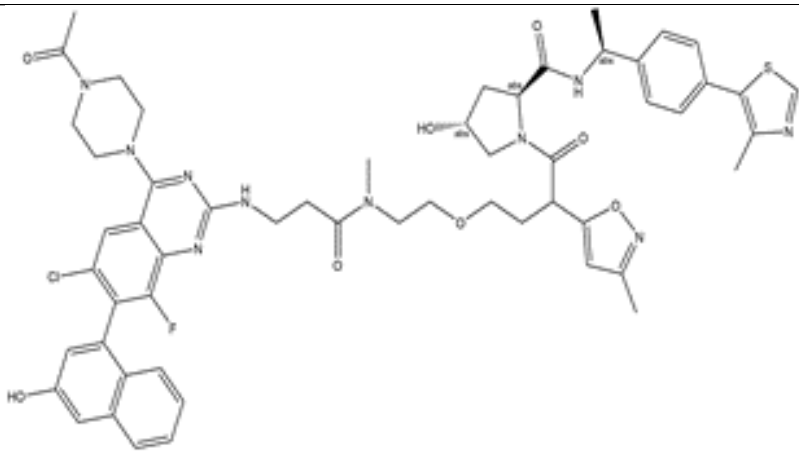


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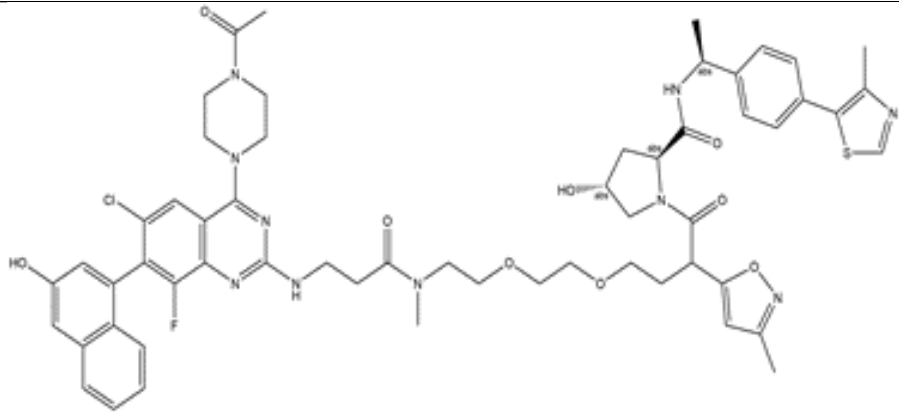


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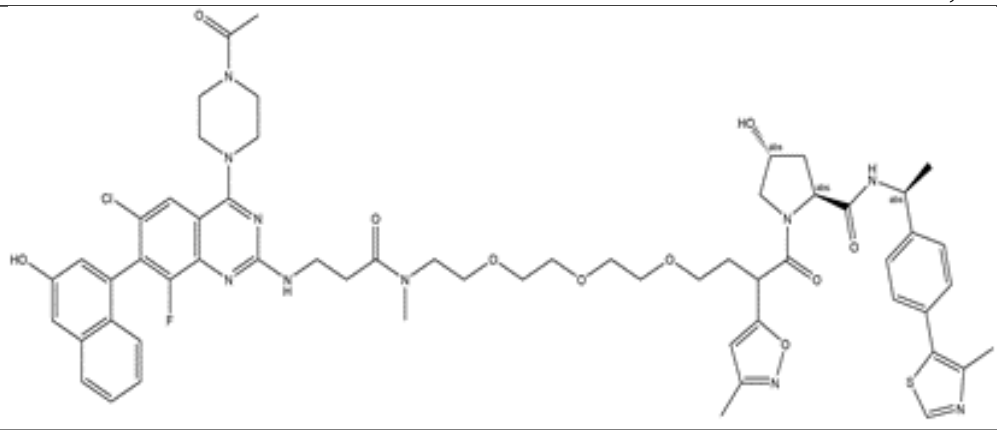




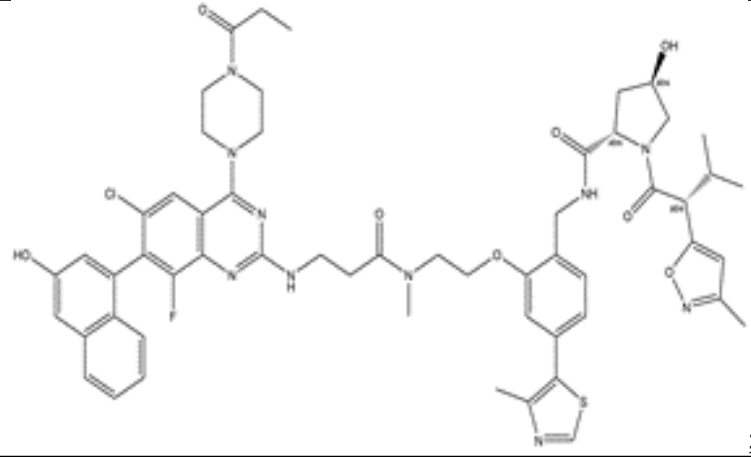
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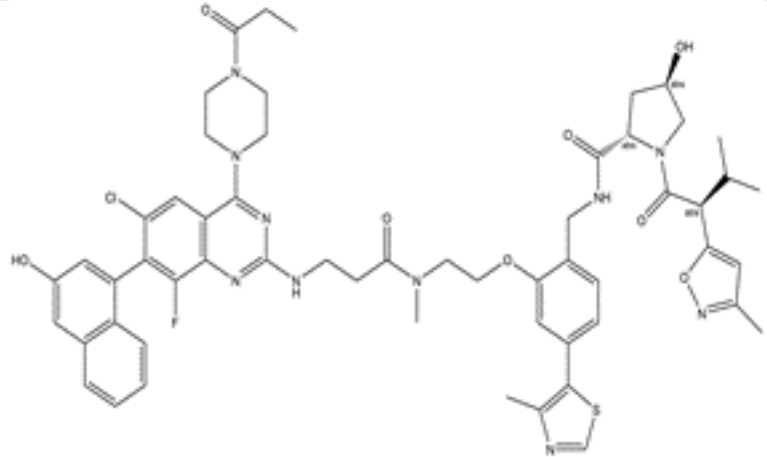
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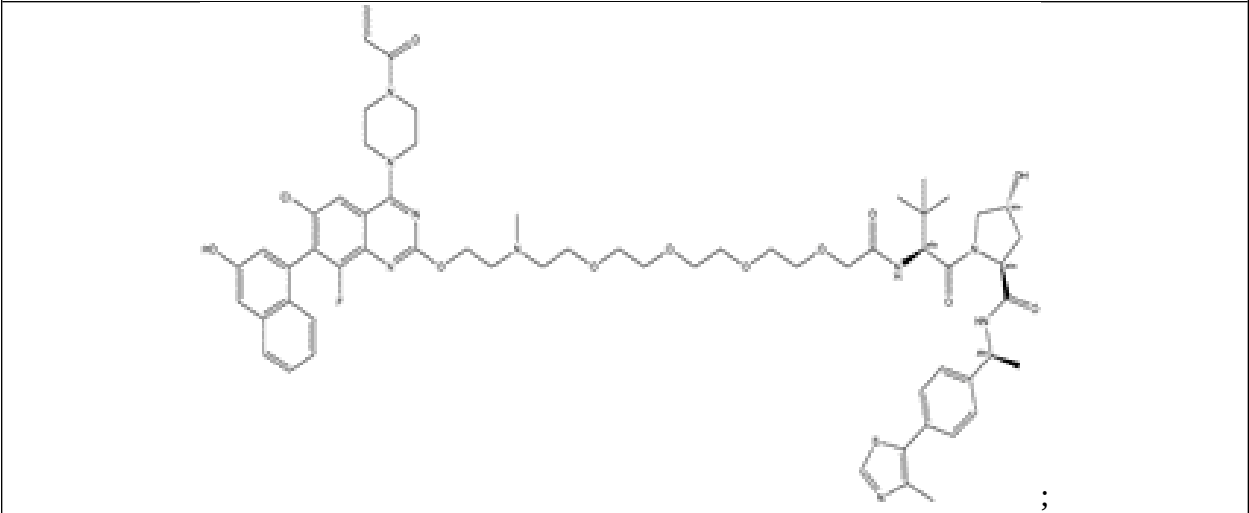
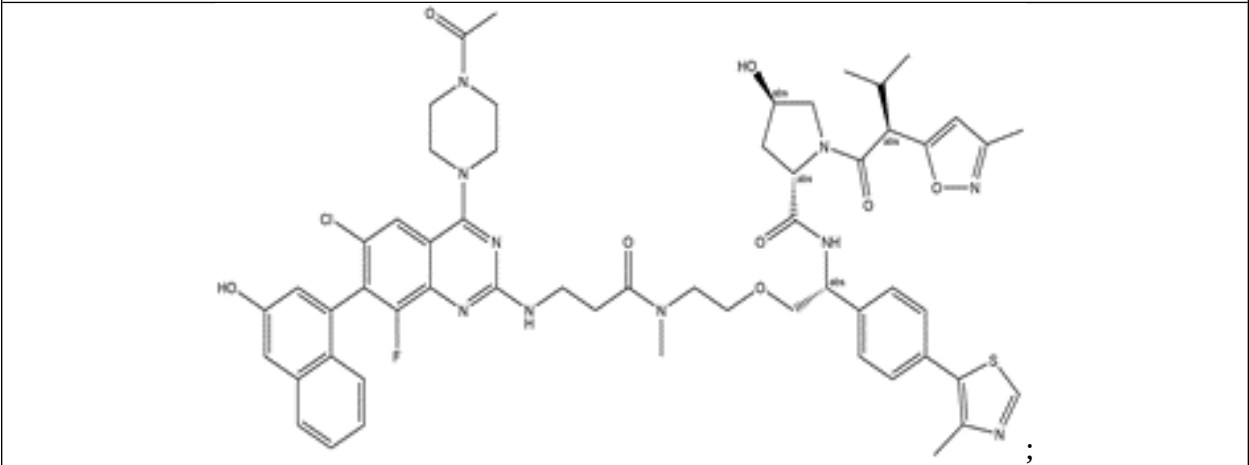
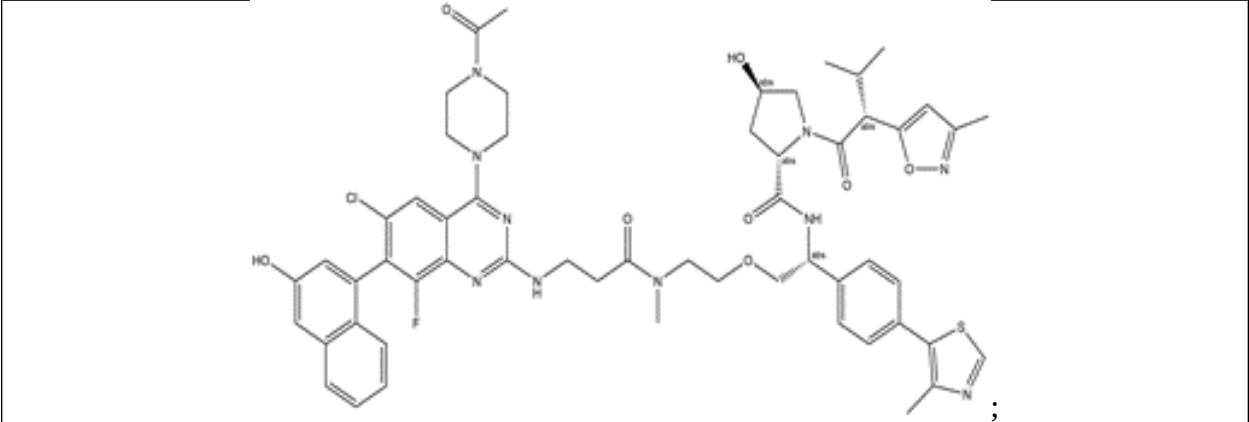
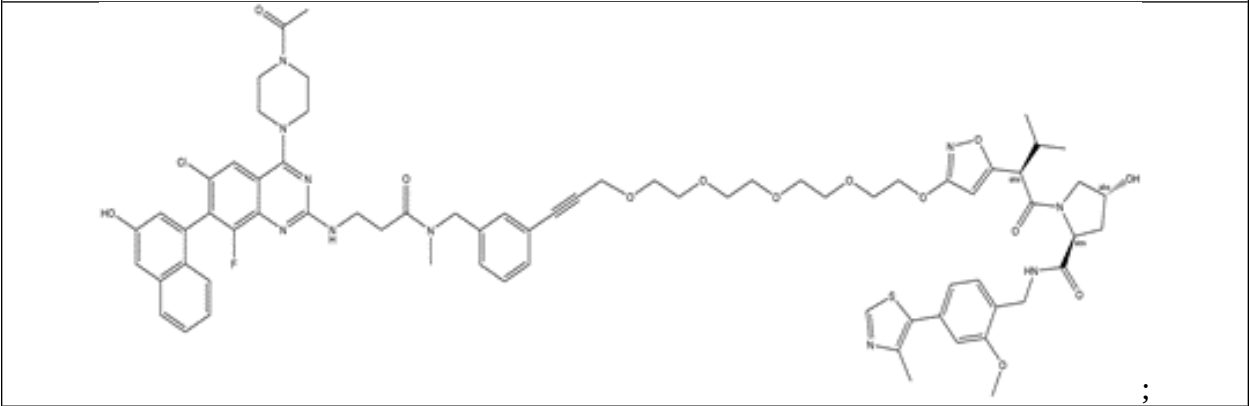
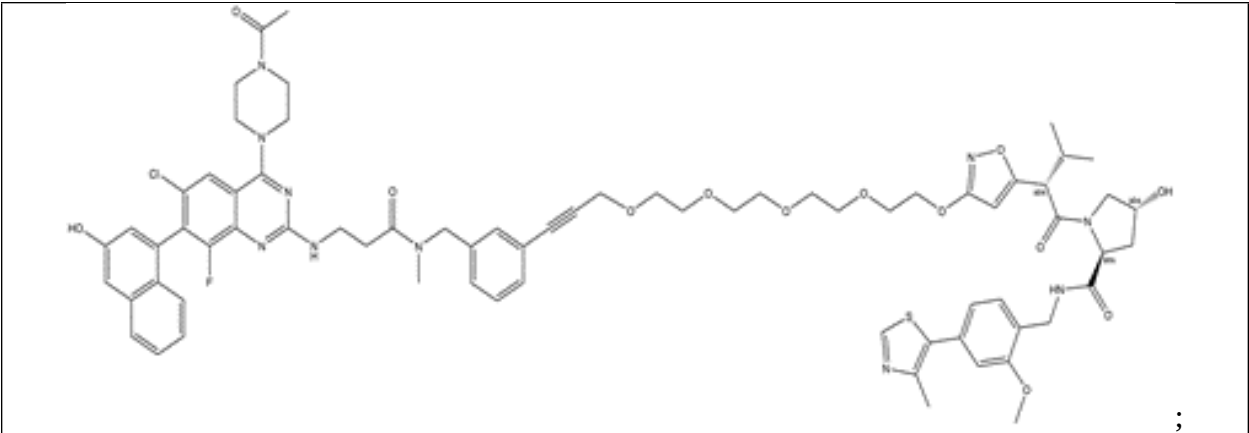
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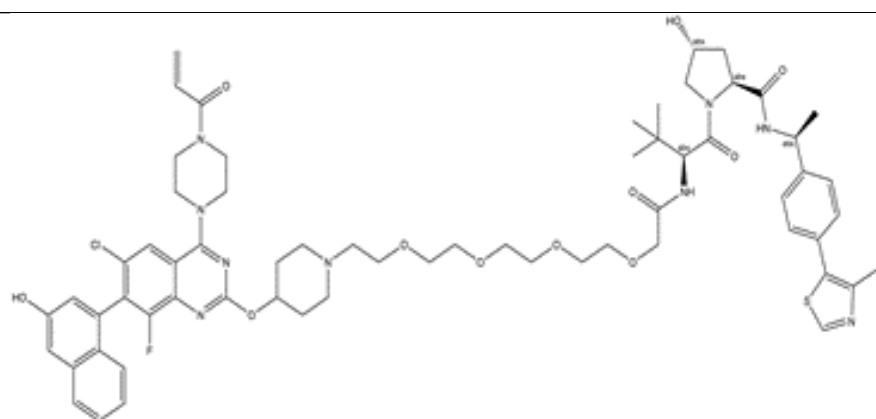


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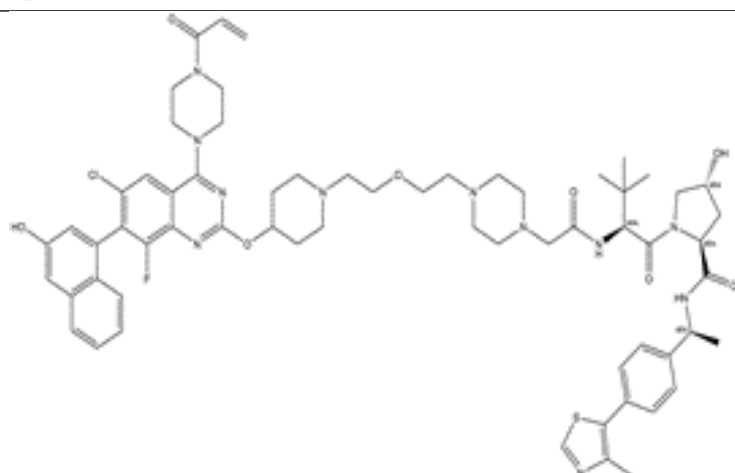


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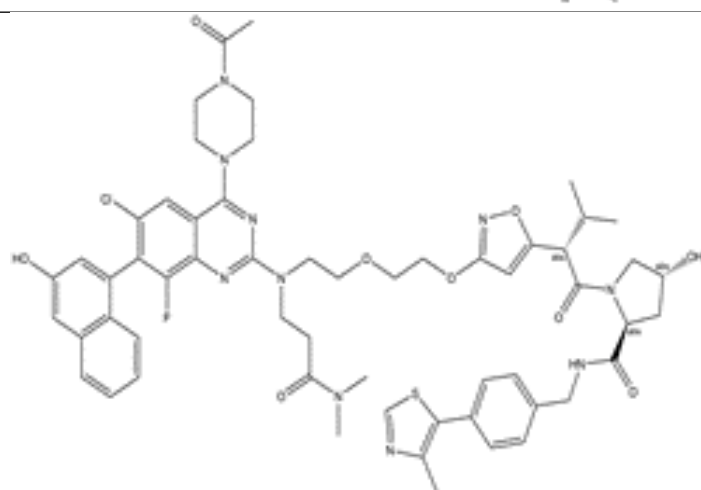




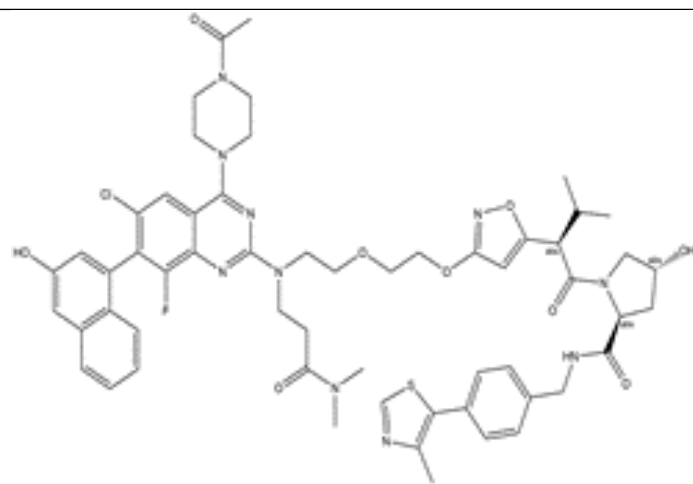
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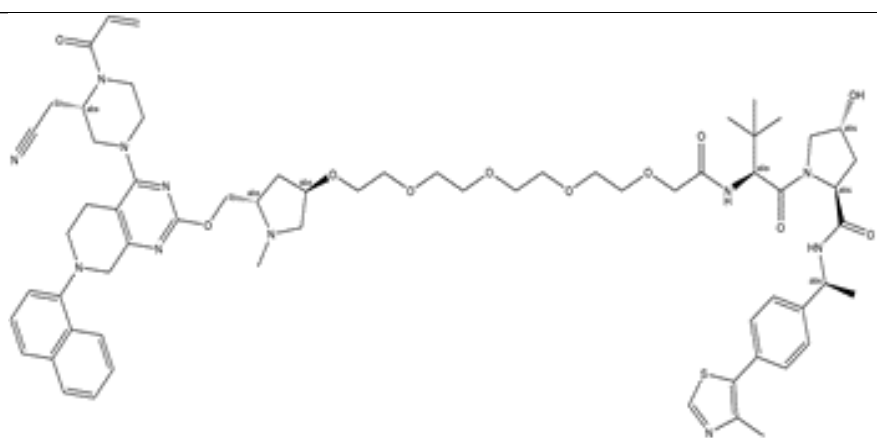
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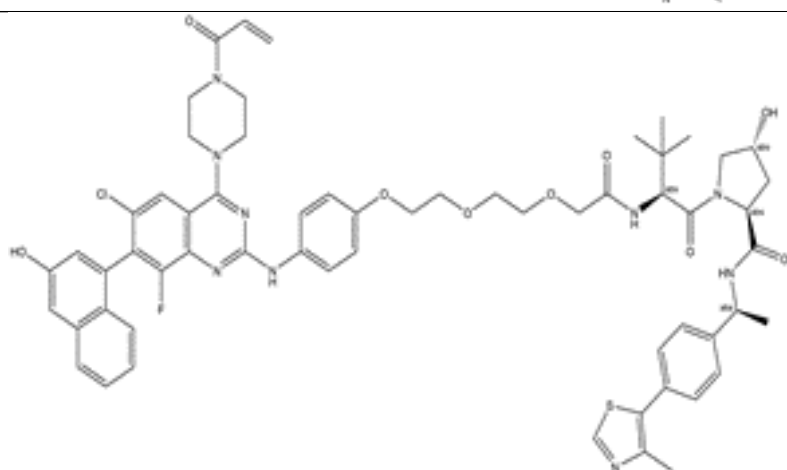
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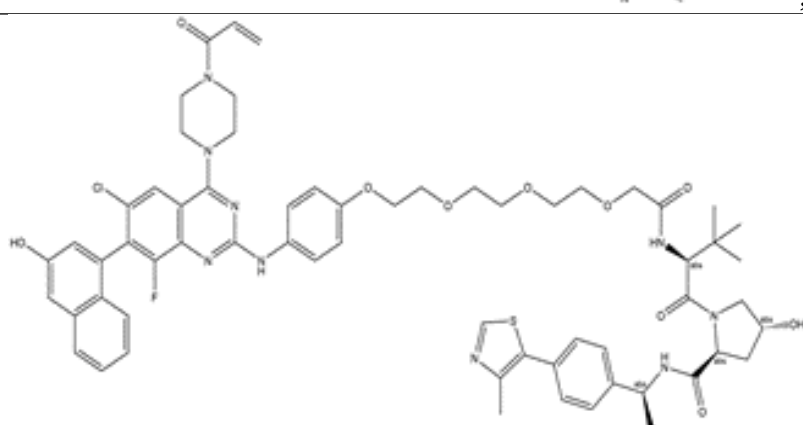
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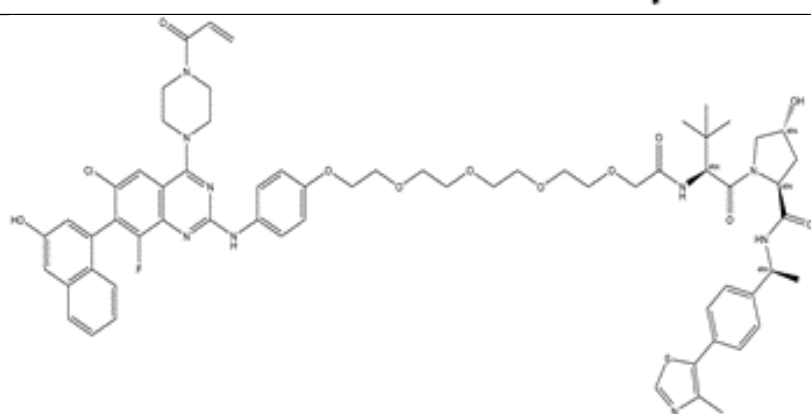
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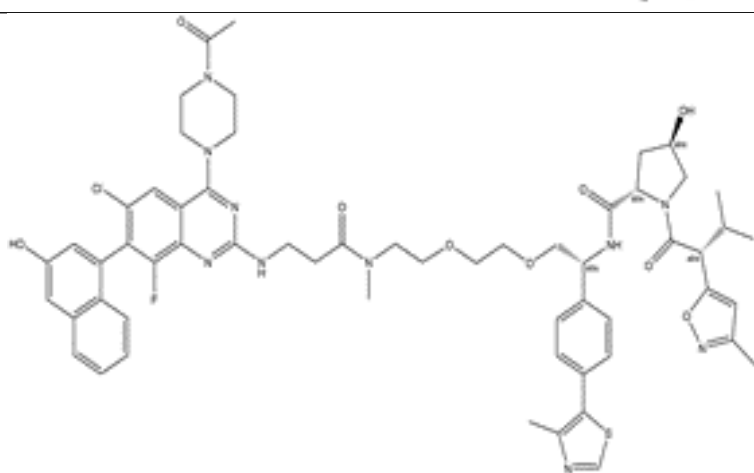
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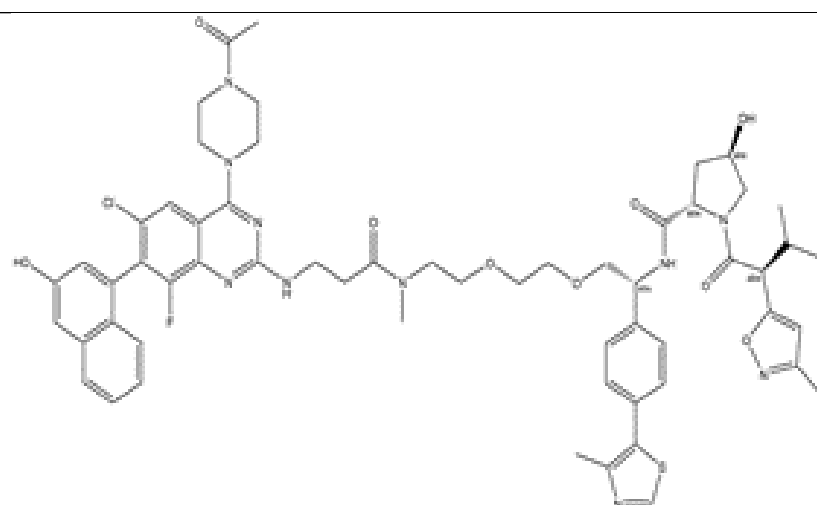
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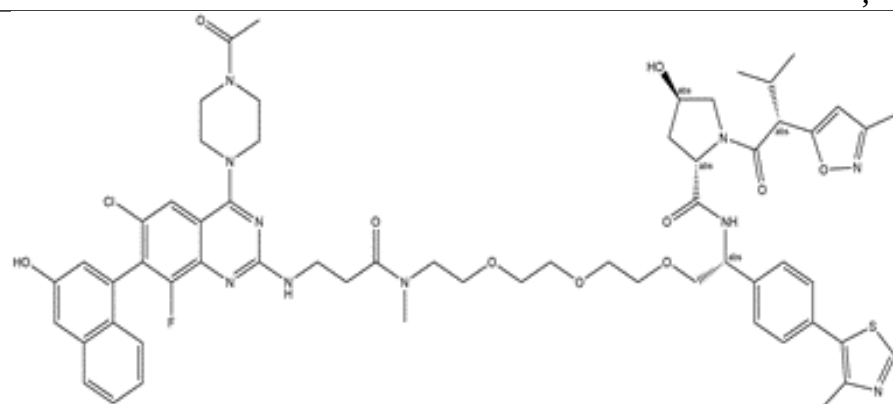
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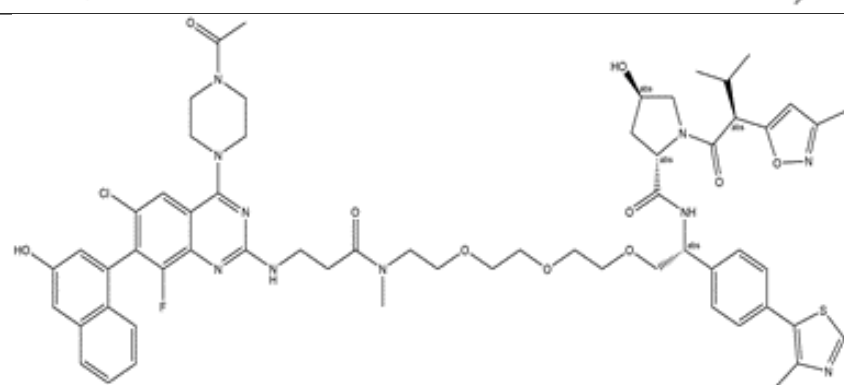
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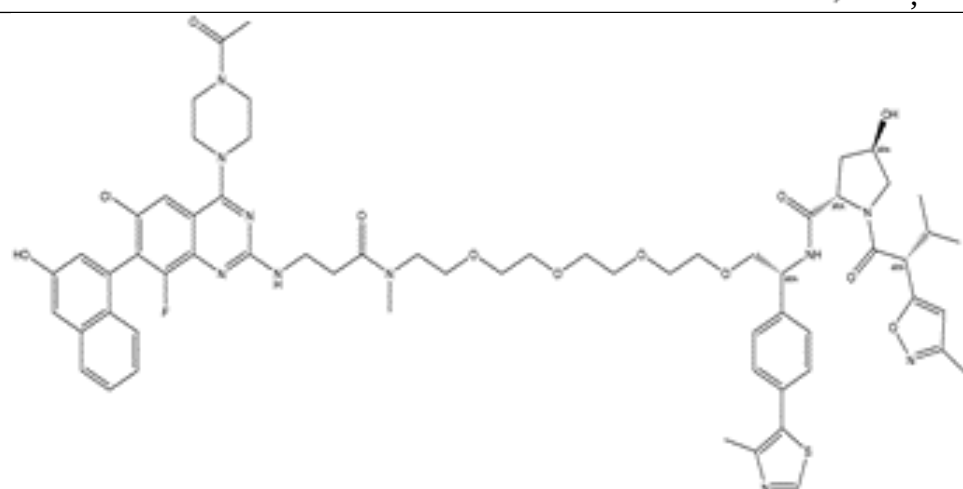
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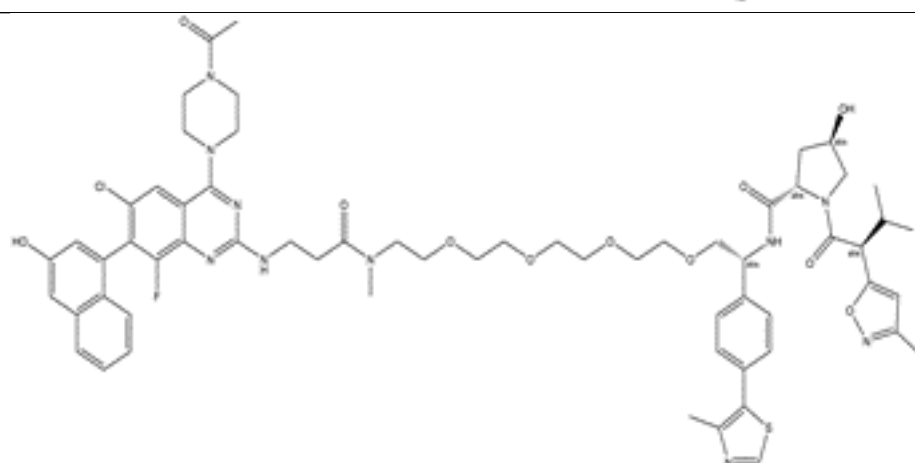
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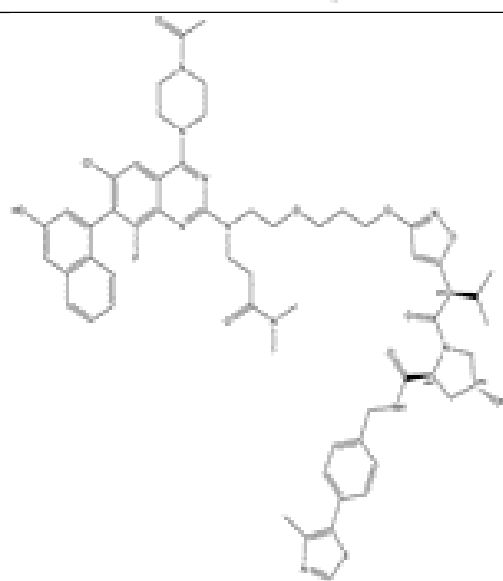
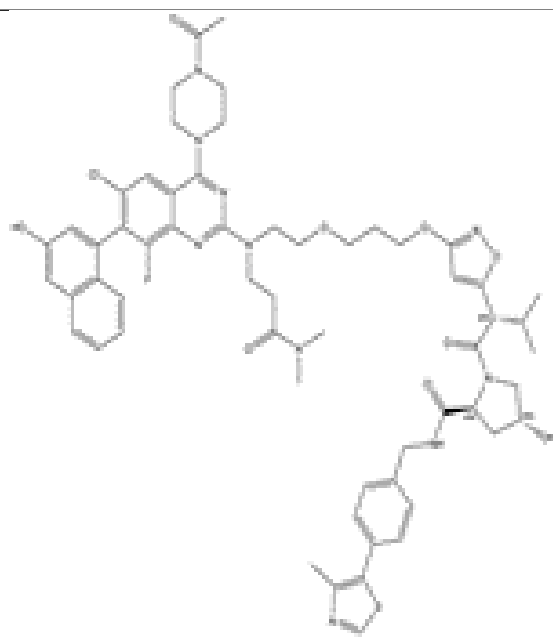
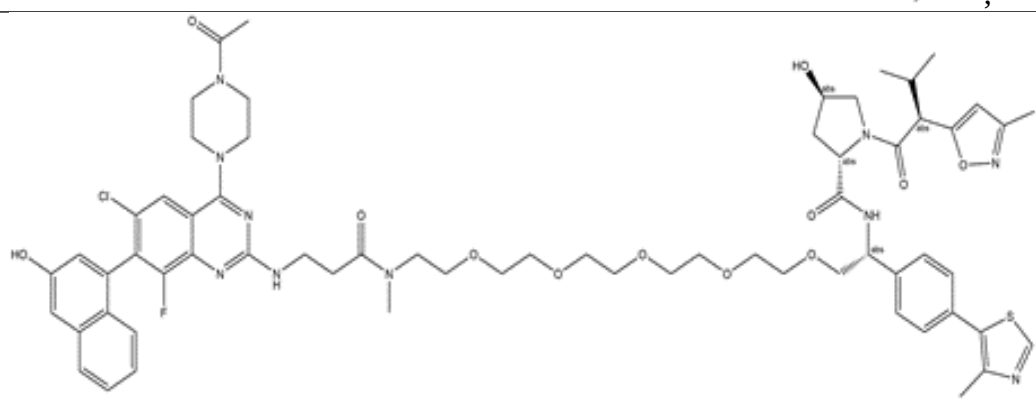
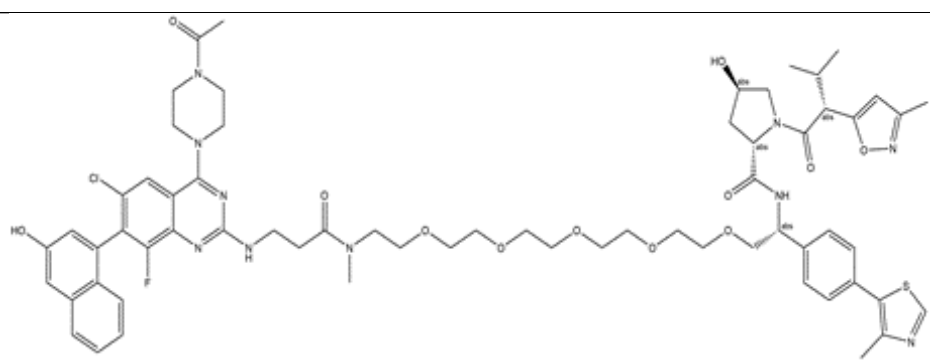
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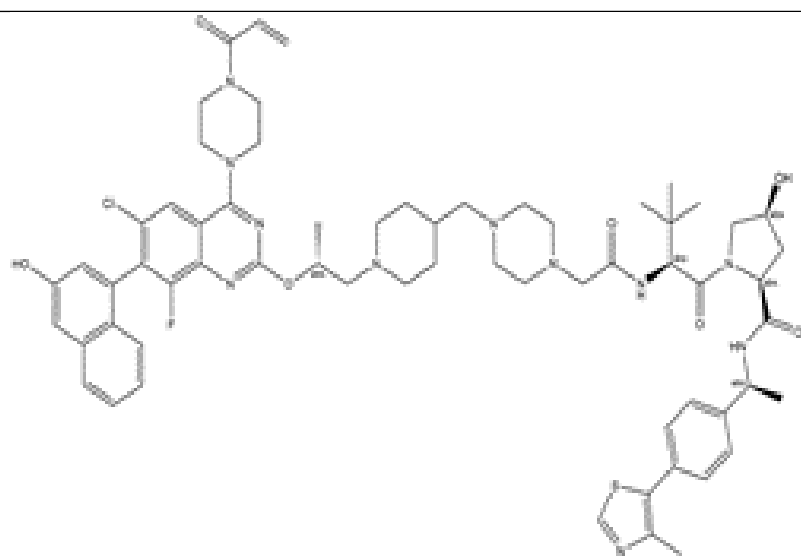
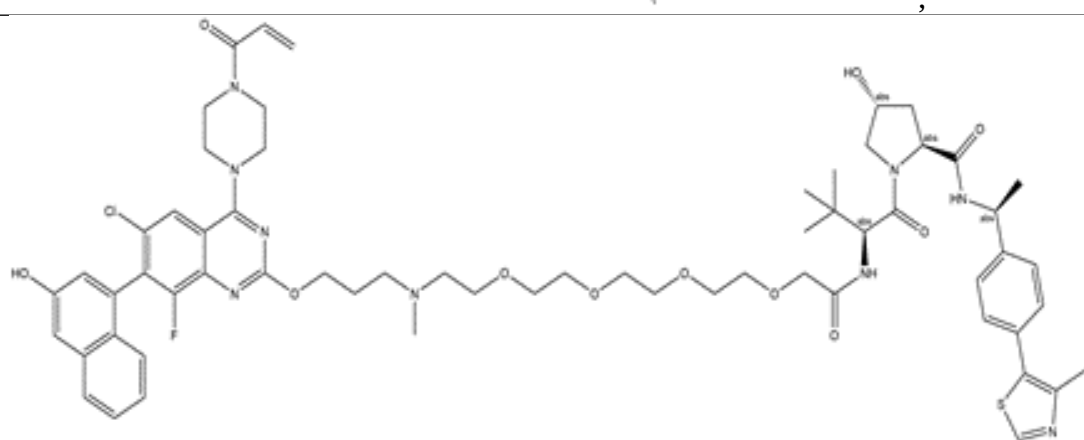
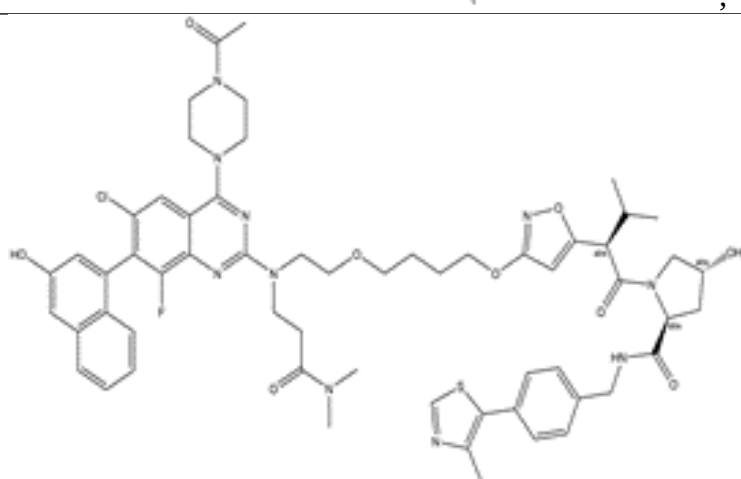
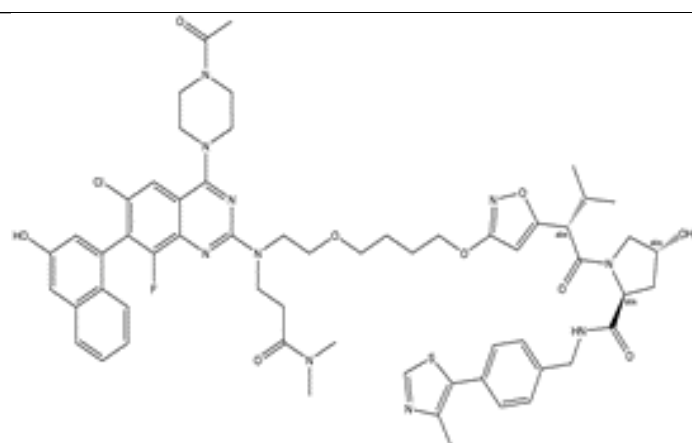


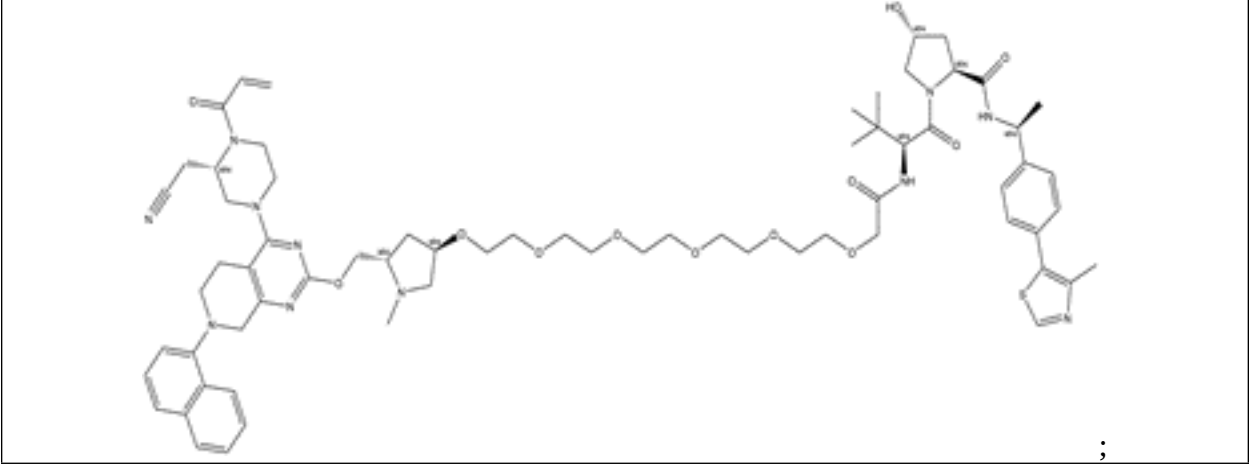
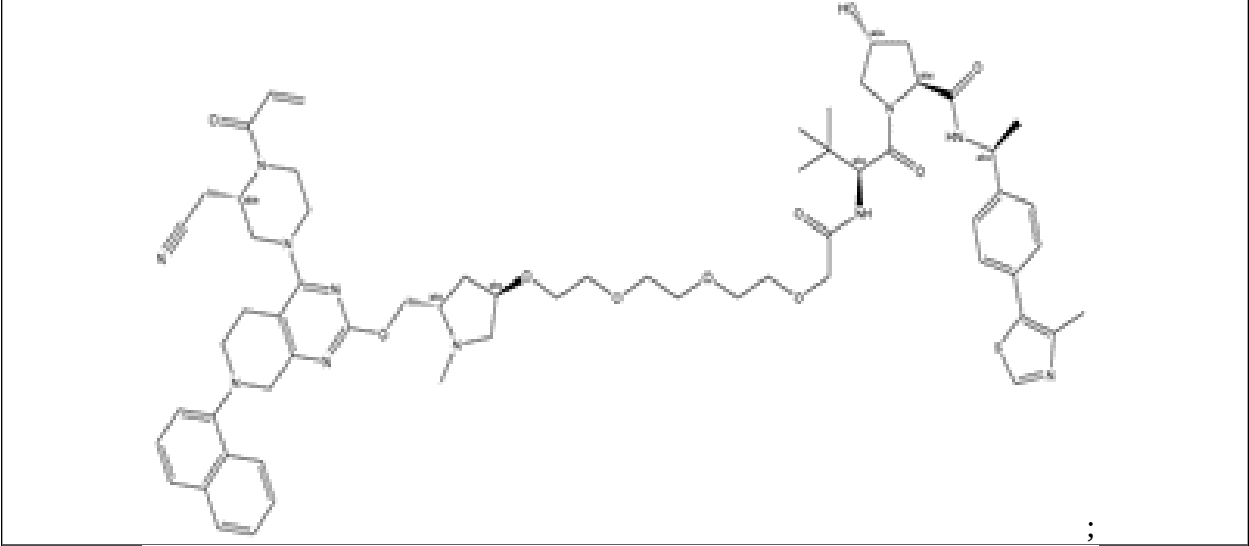
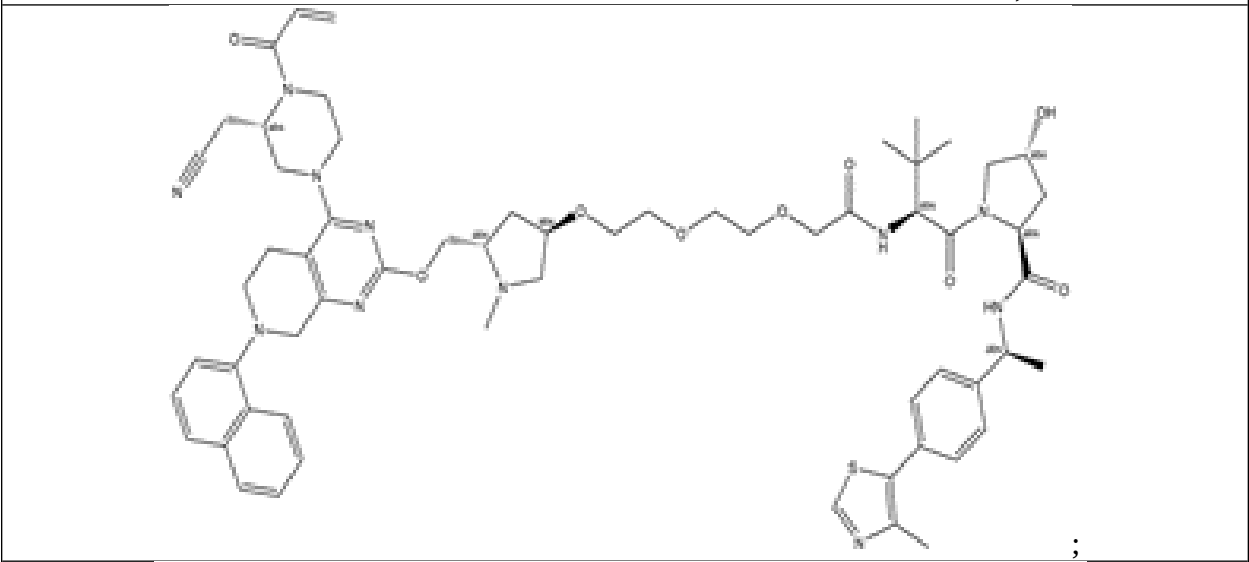
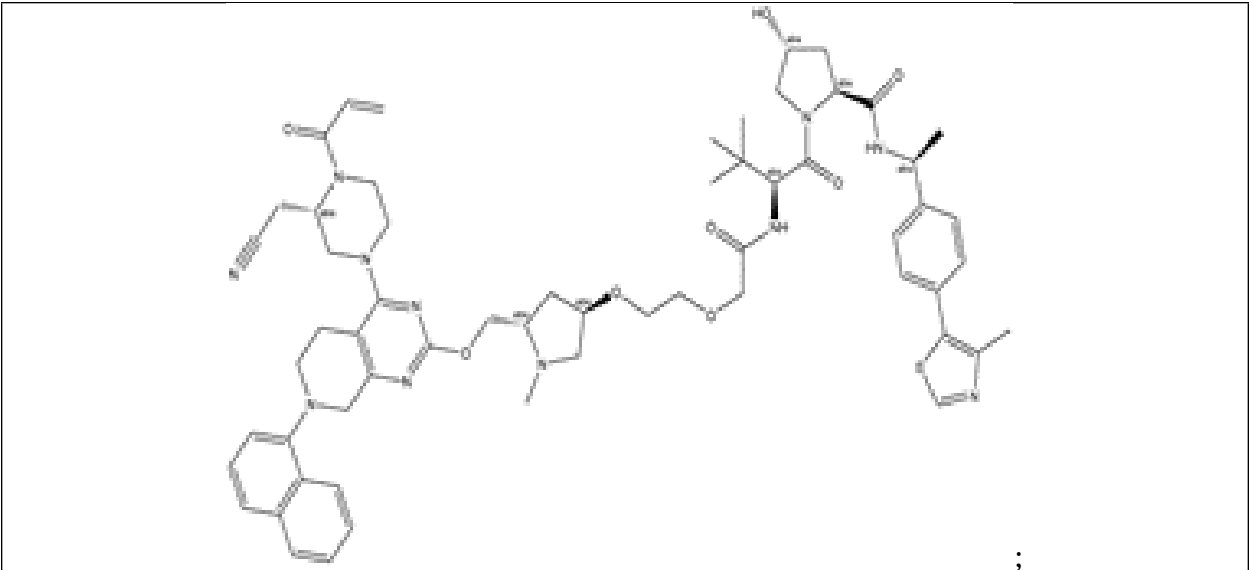
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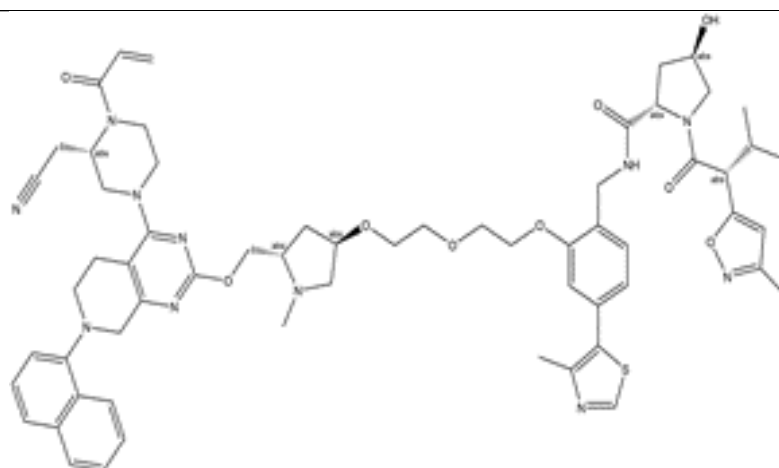


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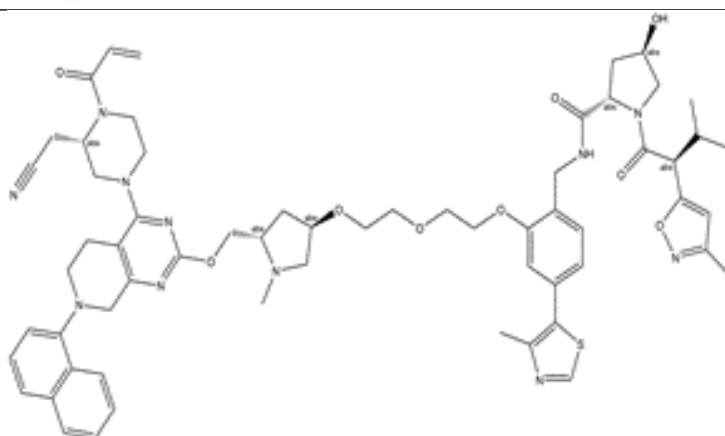




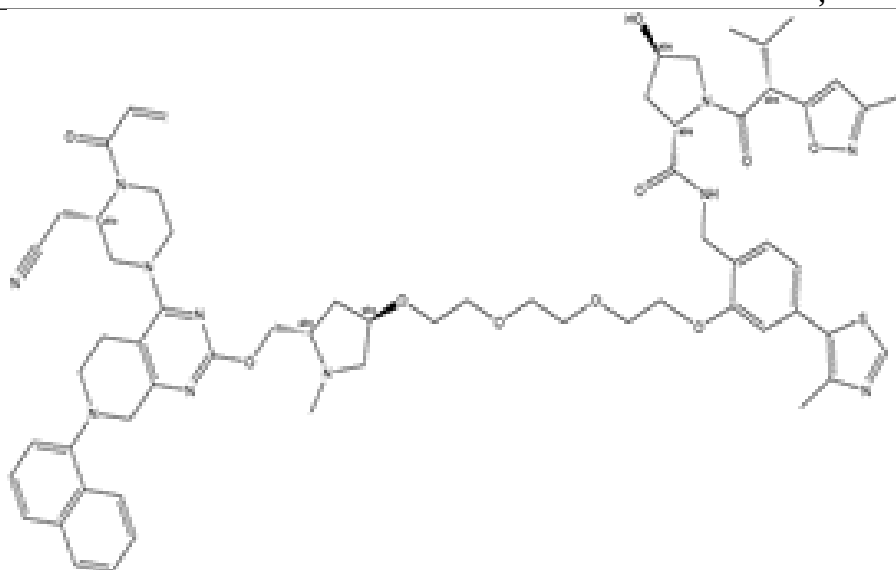




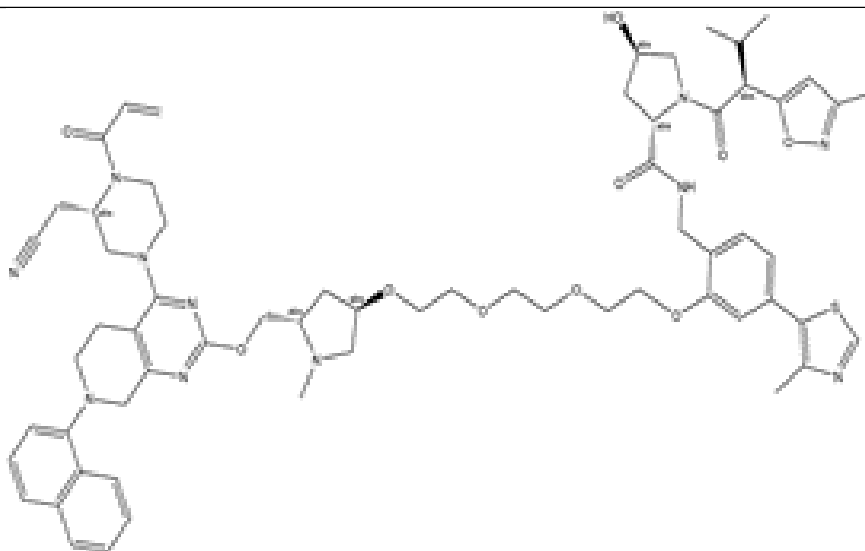
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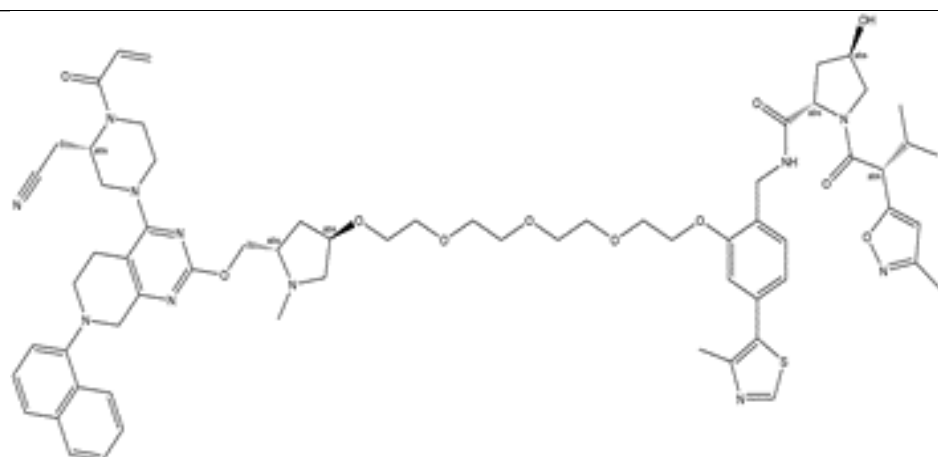
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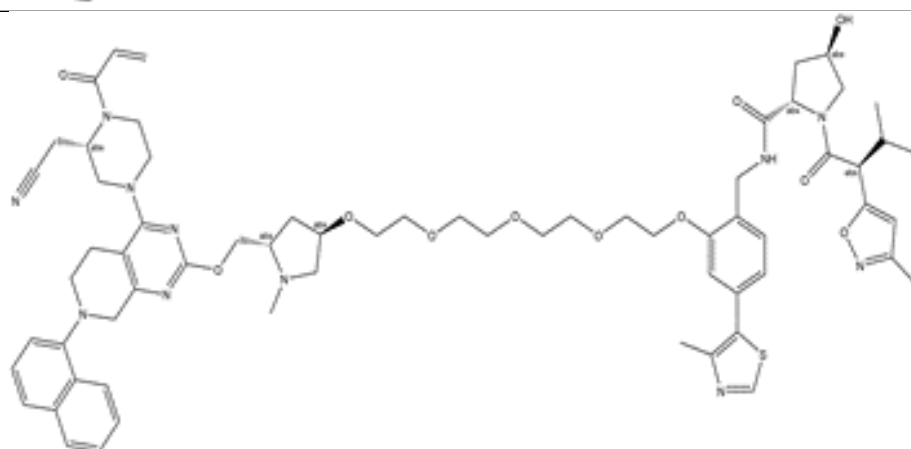
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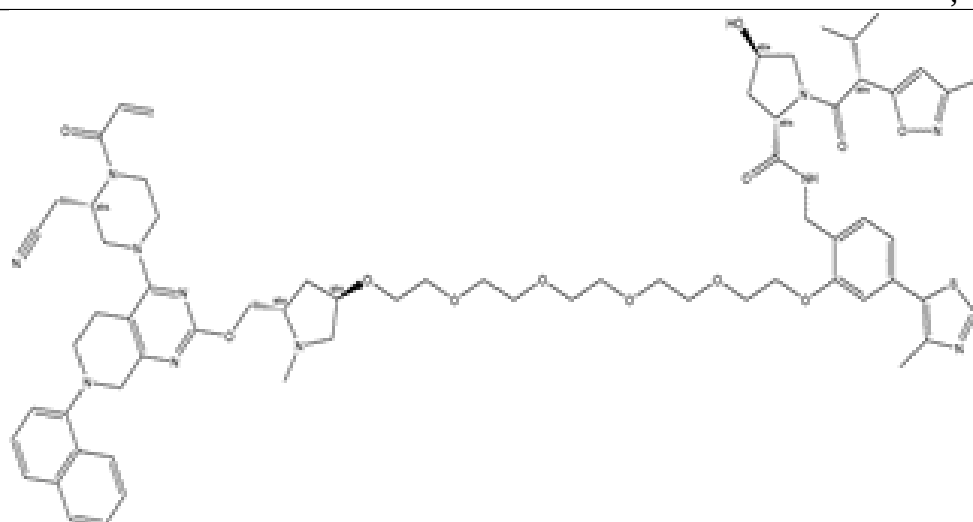
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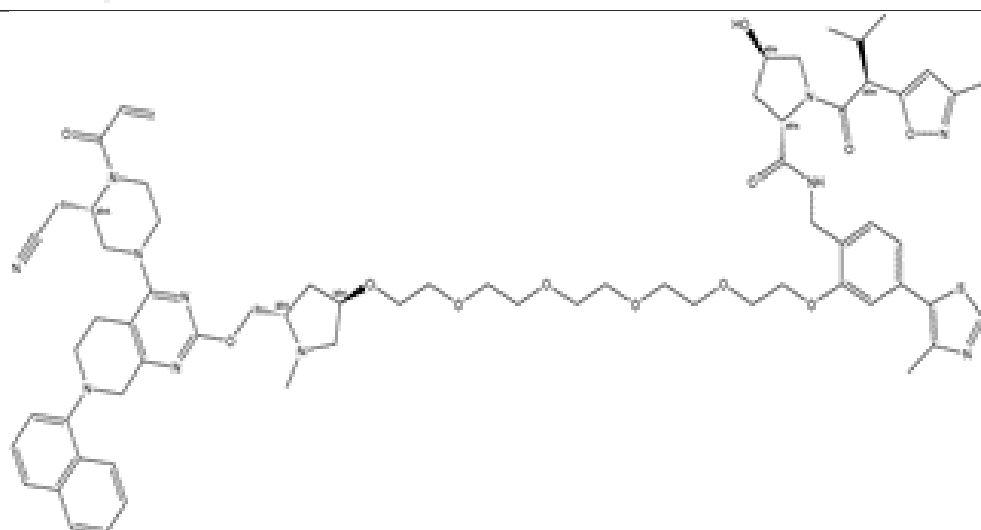
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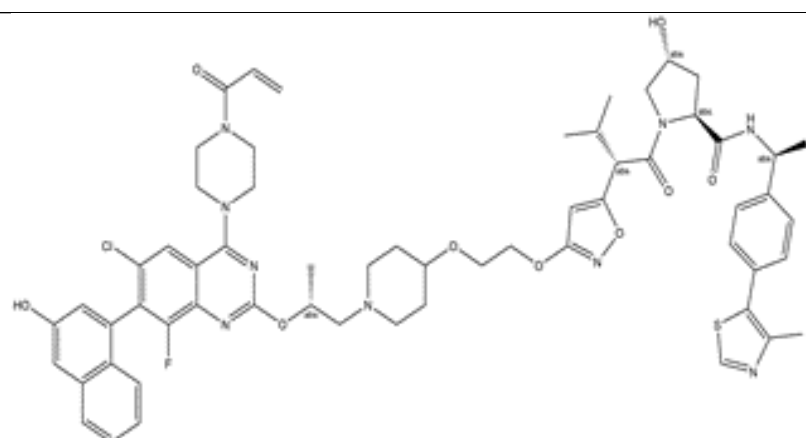
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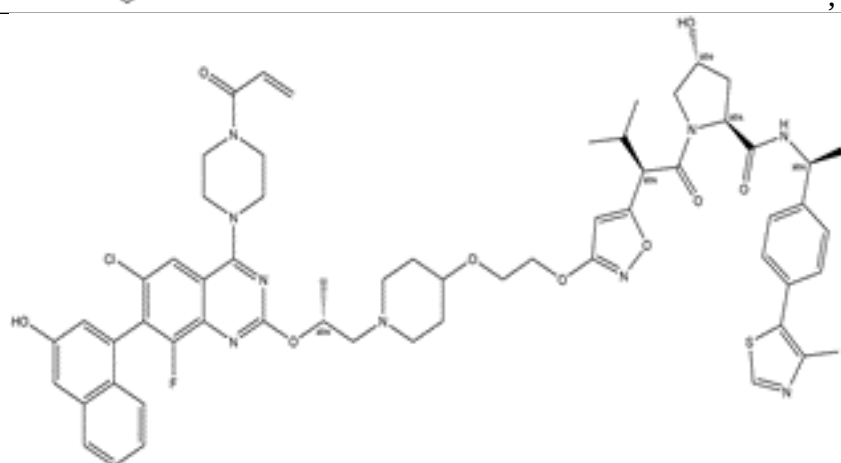
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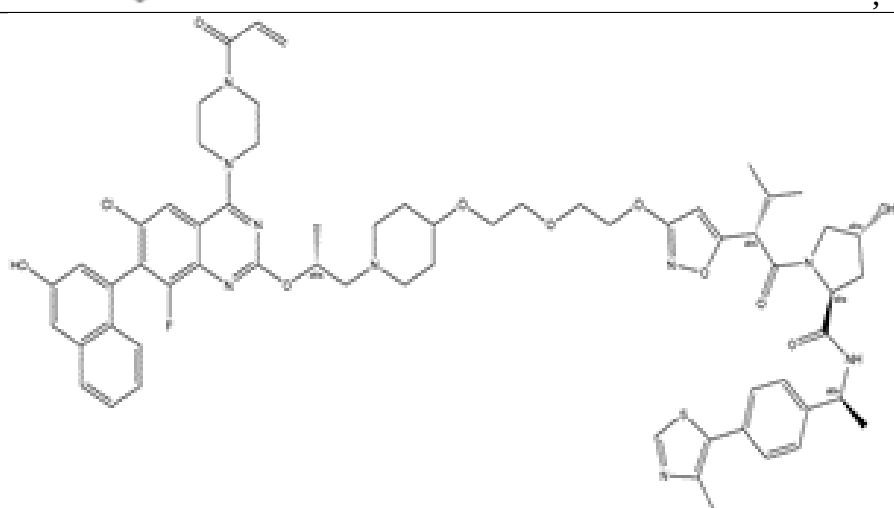
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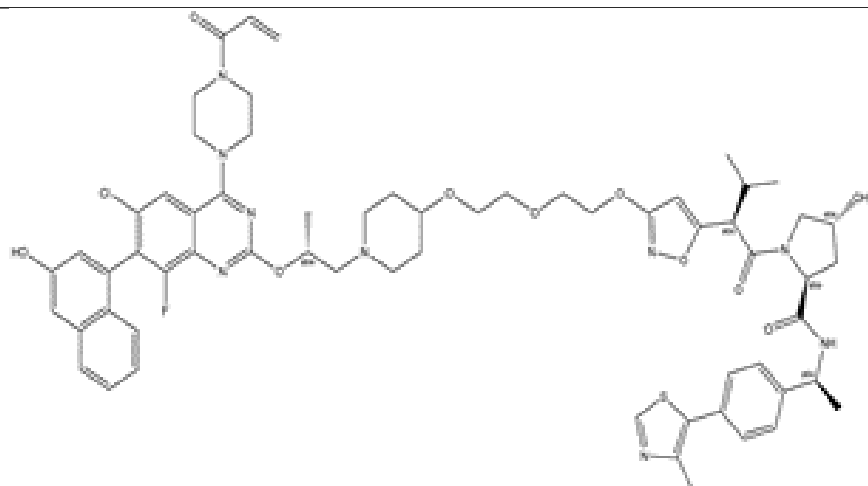
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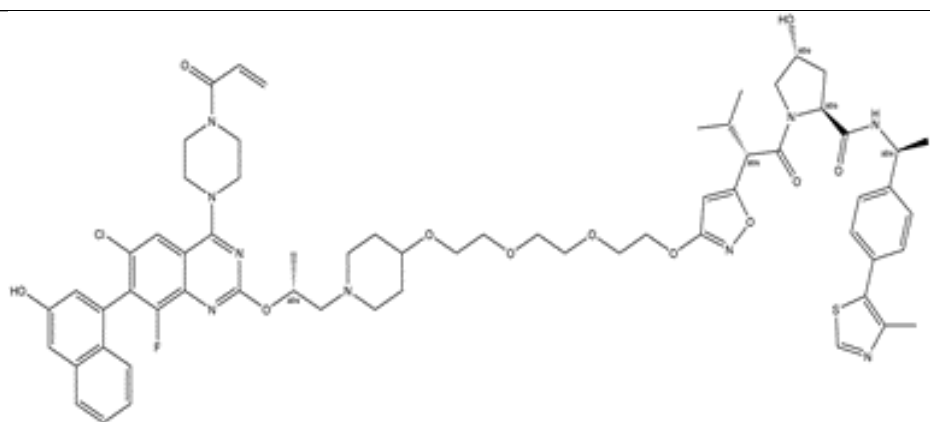
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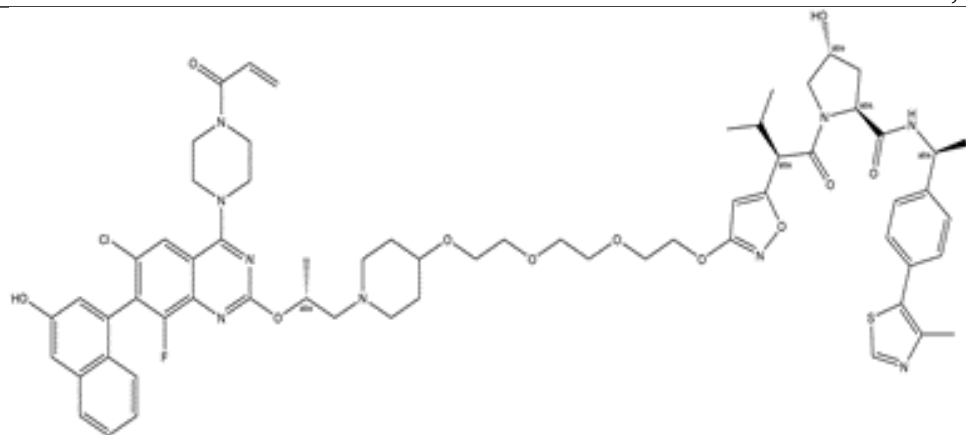
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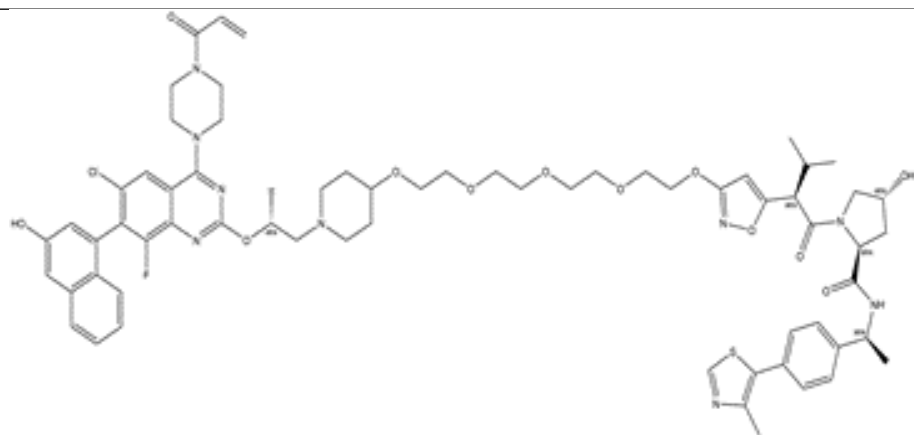
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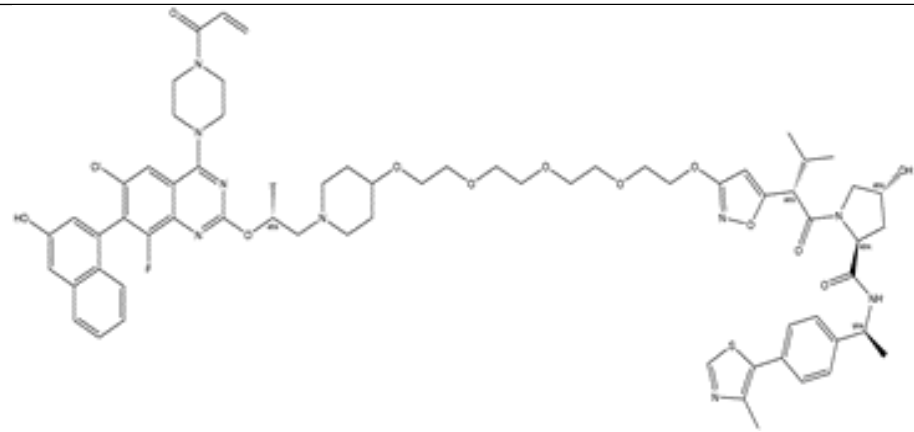
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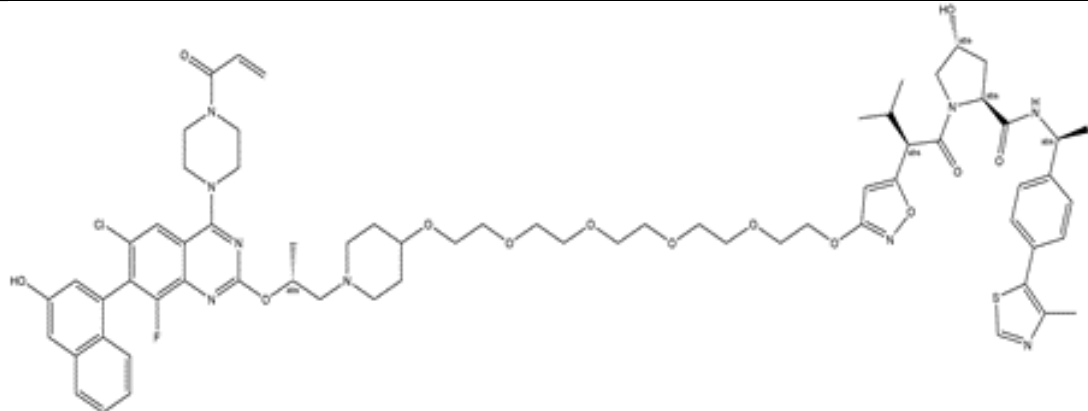
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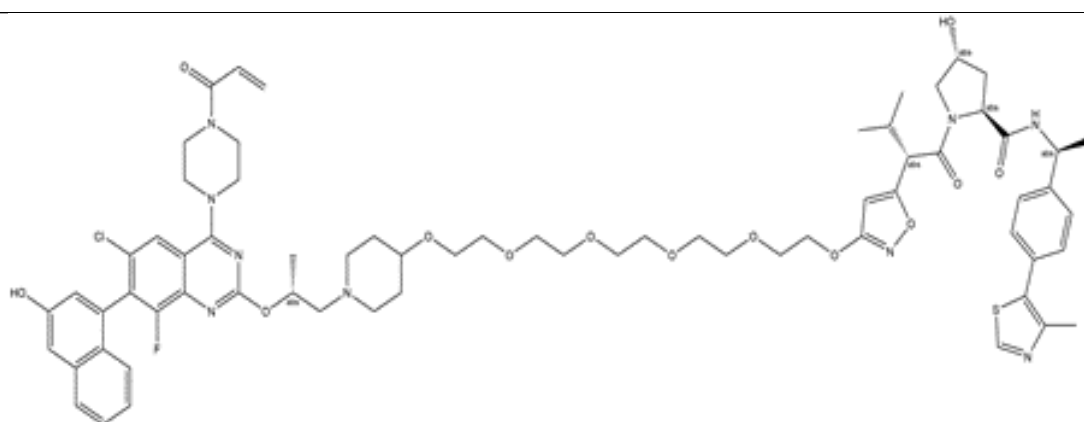
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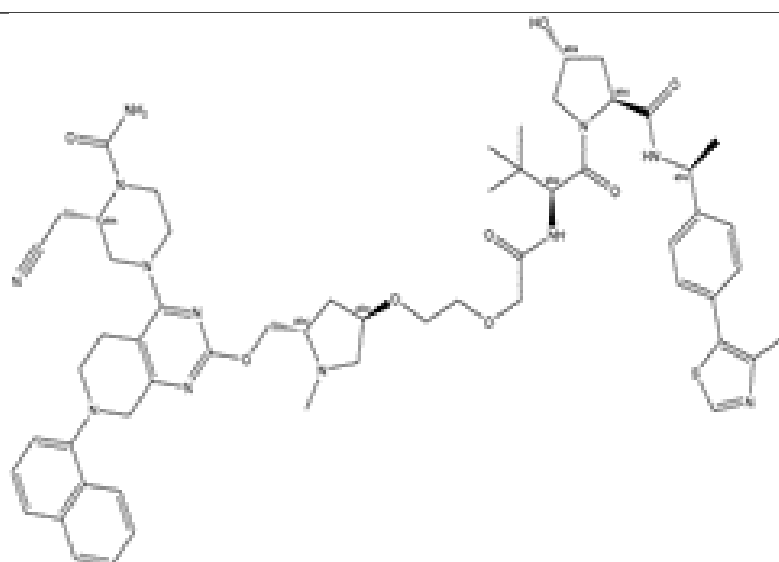
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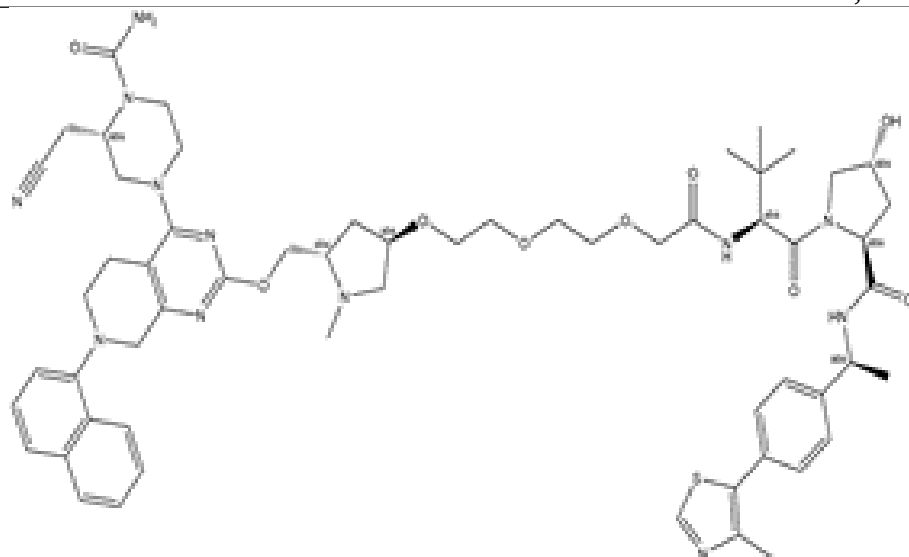
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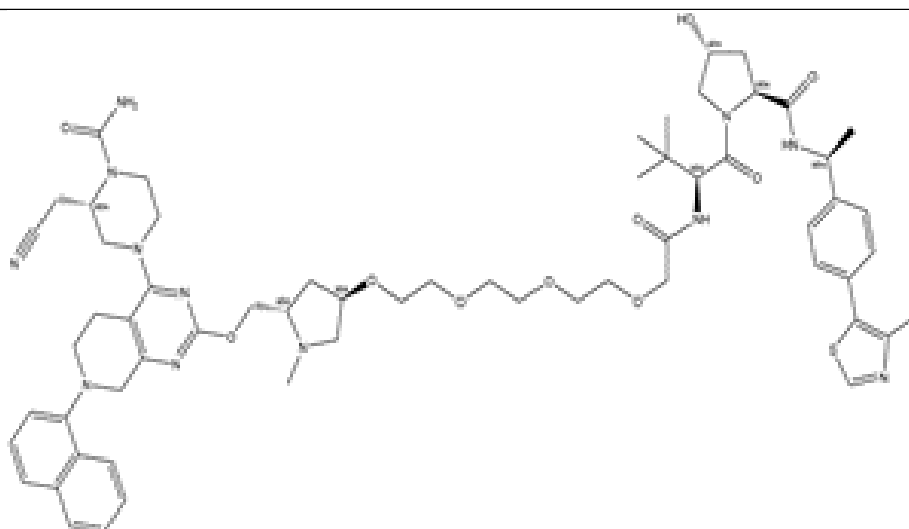
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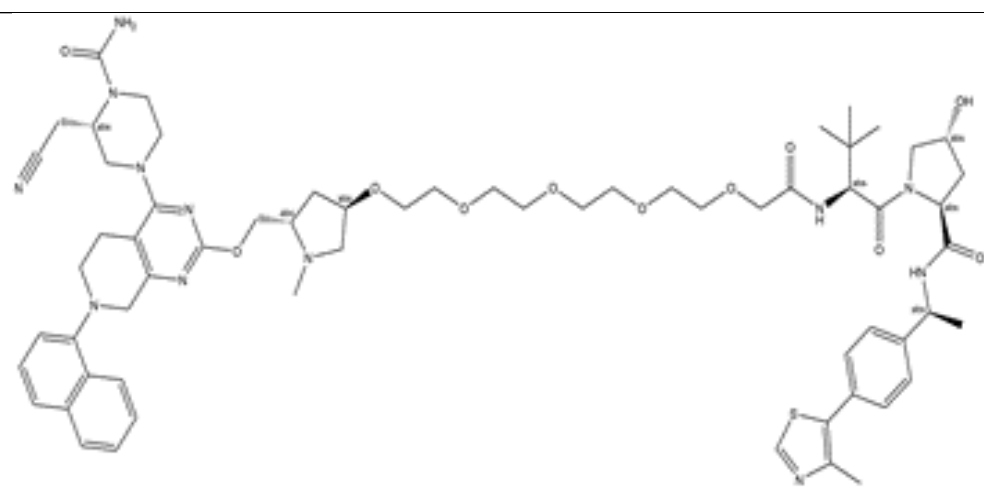
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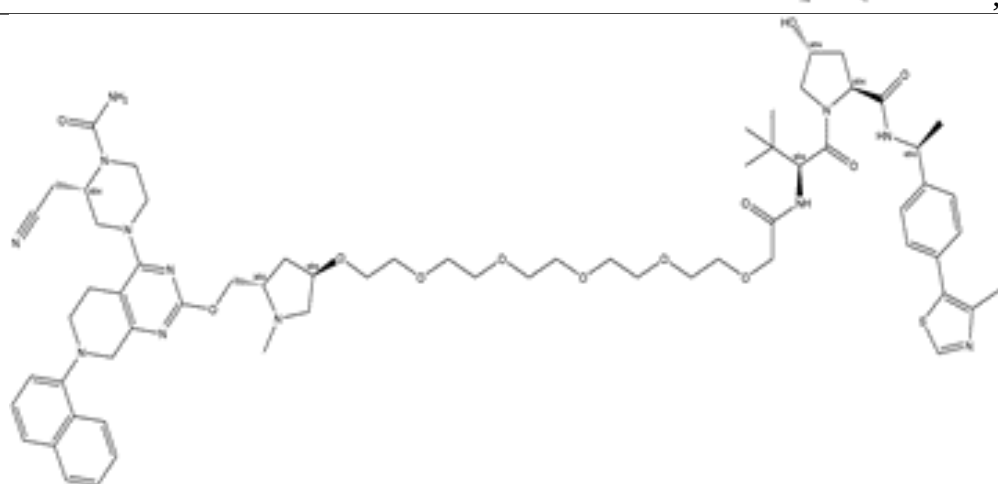
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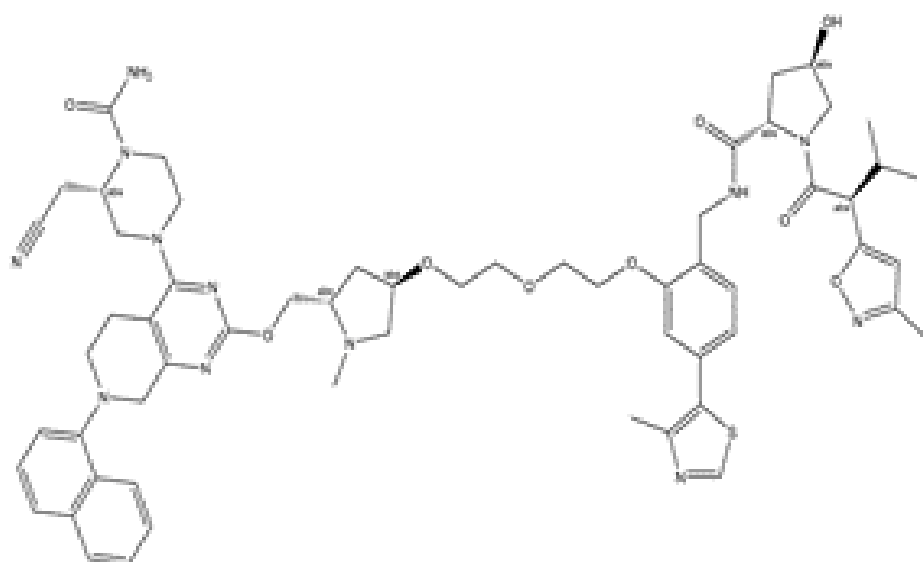
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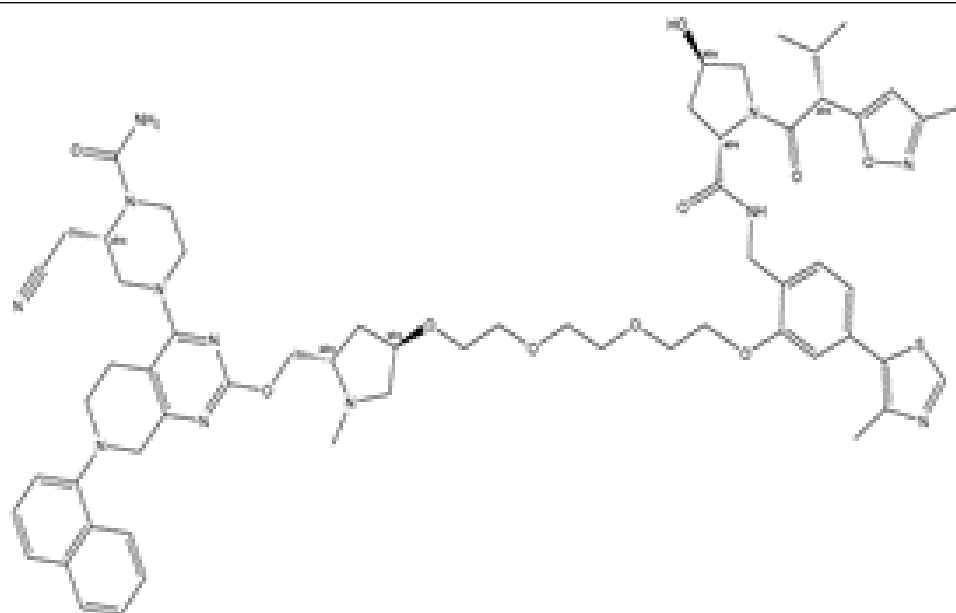
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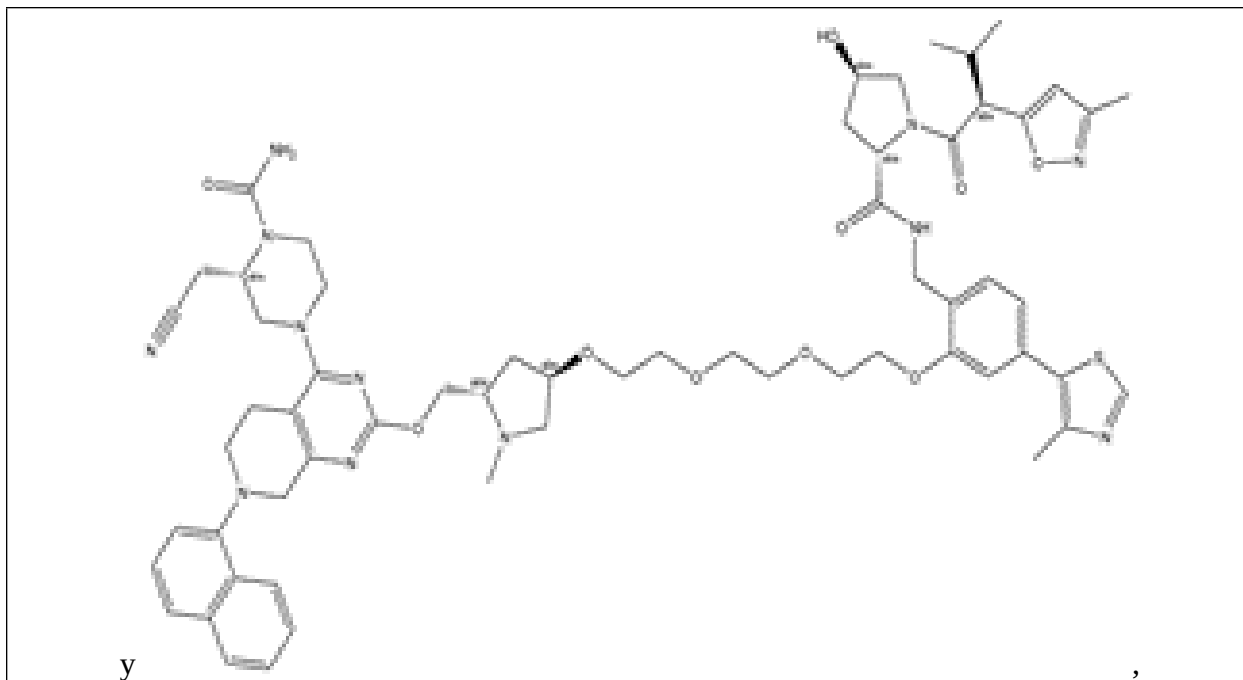
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;



o una sal farmacéuticamente aceptable de este.

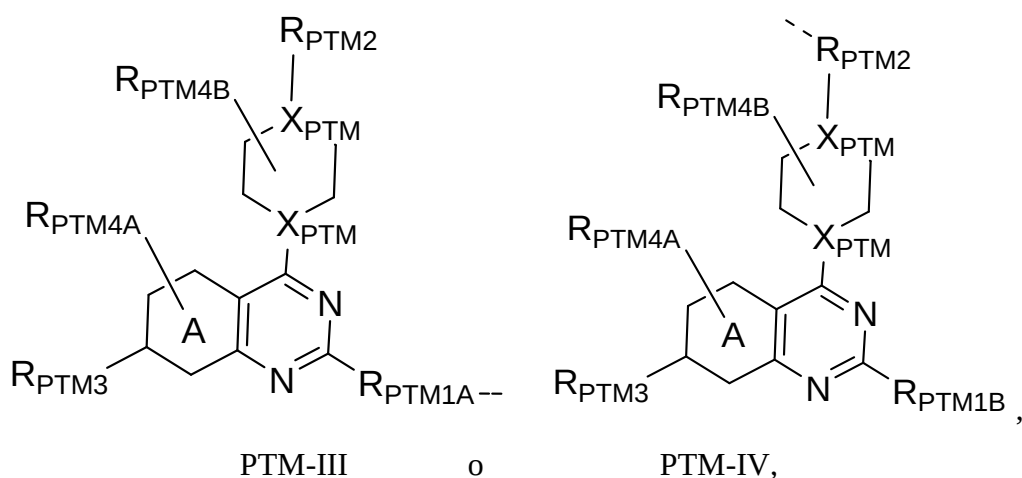
11. Una composición farmacéutica que comprende un compuesto de cualquiera de las reivindicaciones 1 a 10 y un portador farmacéuticamente aceptable.

12. La composición farmacéutica de acuerdo con la reivindicación 11, que comprende además un agente bioactivo adicional.

13. La composición farmacéutica de acuerdo con la reivindicación 12, en donde el agente bioactivo adicional es un agente contra el cáncer.

14. La composición farmacéutica de acuerdo con la reivindicación 13, en donde el agente contra el cáncer es un inhibidor de receptores del factor de crecimiento epidérmico.

15. El compuesto de acuerdo con la reivindicación 1, donde el PTM es:



donde:



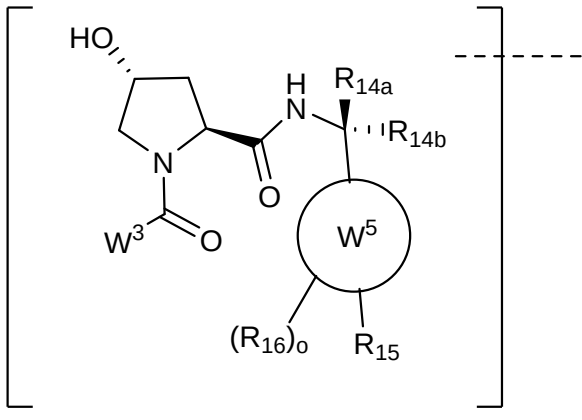
es fenilo, heteroarilo de 6 miembros, cicloalquilo de 6 miembros, o heterocicloalquilo de 6 miembros;

X_{PTM} es CH o N;

R_{PTM3} es alquilo, alcoxi, fenilo, o naftalenilo, cada uno opcionalmente sustituido de manera

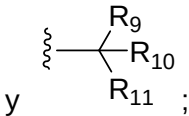
independiente con 1, 2 o 3 sustituyentes seleccionados de entre OH, H, y halógeno;
 R_{PTM4A} es OH, H, halógeno, o alquilo C_{1-6} opcionalmente sustituido; y
 R_{PTM4B} es OH, H, $-CH_2CN$, halógeno, o alquilo C_{1-6} opcionalmente sustituido.

16. El compuesto de acuerdo con la reivindicación 1 o 15, en donde el ULM es:



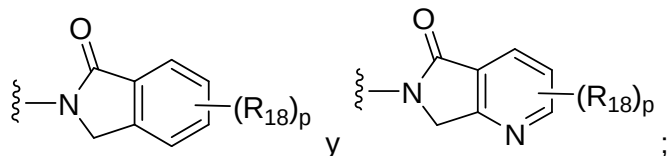
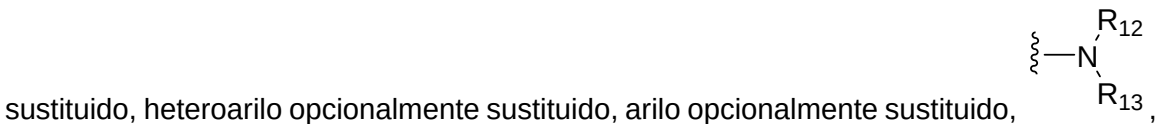
donde:

W^3 se selecciona de entre arilo opcionalmente sustituido, heteroarilo opcionalmente sustituido



R_9 y R_{10} son cada uno de manera independiente seleccionados de entre hidrógeno, alquilo opcionalmente sustituido, cicloalquilo opcionalmente sustituido, hidroxialquilo opcionalmente sustituido, y heteroarilo opcionalmente sustituido, o R_9 , R_{10} , y el átomo de carbono al que se unen forma cicloalquilo opcionalmente sustituido;

R_{11} se selecciona de entre heterociclilo opcionalmente sustituido, alcoxi opcionalmente



R_{12} es H o alquilo opcionalmente sustituido;

R_{13} se selecciona de entre H, alquilo opcionalmente sustituido, alquilcarbonilo opcionalmente sustituido, (cicloalquil)alquilcarbonilo opcionalmente sustituido, aralquilcarbonilo opcionalmente sustituido, arilcarbonilo opcionalmente sustituido, (heterociclii)carbonilo opcionalmente sustituido, y aralquilo opcionalmente sustituido;

R_{14a} y R_{14b} son cada uno de manera independiente H o alquilo opcionalmente sustituido;

W^5 es fenilo opcionalmente sustituido o un heteroarilo de 5-10 miembros opcionalmente sustituido;

R_{15} se selecciona de entre H, halógeno, CN, OH, NO_2 , N $R_{14a}R_{14b}$, OR_{14a} , $CONR_{14a}R_{14b}$, $NR_{14a}COR_{14b}$, $SO_2NR_{14a}R_{14b}$, $NR_{14a}SO_2R_{14b}$, alquilo opcionalmente sustituido, haloalquilo opcionalmente sustituido, haloalcoxi opcionalmente sustituido, arilo opcionalmente sustituido, heteroarilo opcionalmente sustituido, cicloalquilo opcionalmente sustituido, y cicloheteroalquilo opcionalmente sustituido;

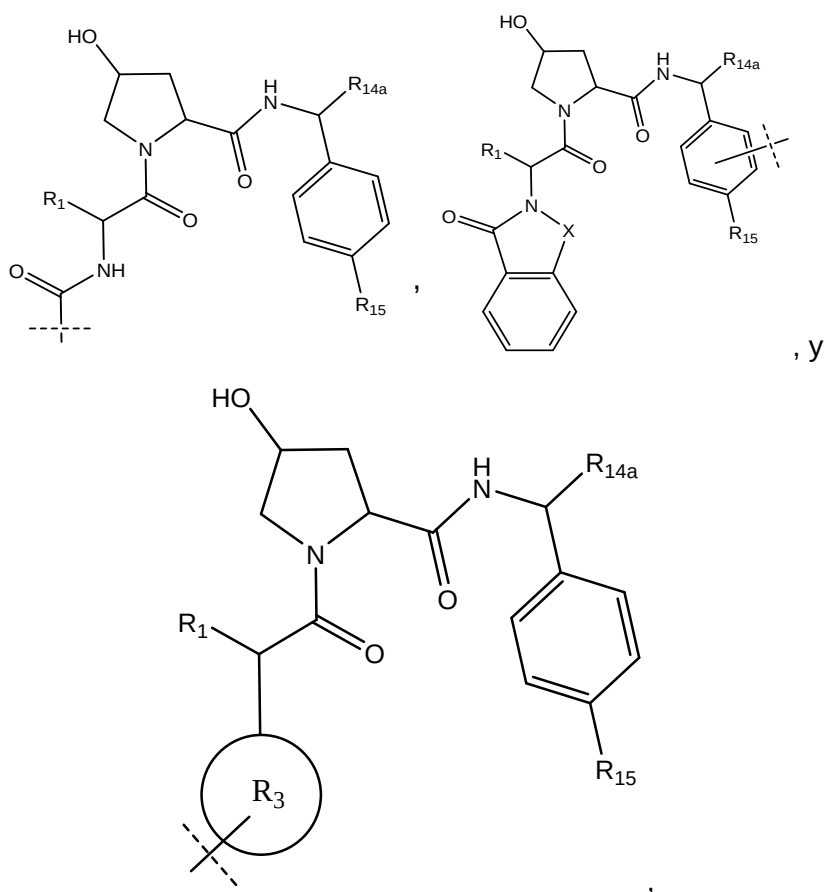
cada R_{16} se selecciona de manera independiente de entre halo, CN, alquilo opcionalmente sustituido, alcoxi opcionalmente sustituido, e hidroxii;

o es 0, 1, 2, 3 o 4;

cada R_{18} se selecciona de manera independiente de entre halo, alcoxi opcionalmente sustituido, ciano, y alquilo opcionalmente sustituido, o R_{18} es el sitio de unión del L; y

p es 0, 1, 2, 3 o 4, y  indica el sitio de unión del L.

17. El compuesto de acuerdo con cualquiera de las reivindicaciones 1, 15 y 16, en donde el ULM es seleccionada de entre:



donde:

R_1 se selecciona de entre H, alquilo opcionalmente sustituido, hidroxialquilo opcionalmente sustituido, ciclopropilo, ciclobutilo, ciclopentilo, ciclohexilo y heteroarilo opcionalmente sustituido;

R_{14a} es H, alquilo opcionalmente sustituido, o ciclopropilo;

R_{15} se selecciona de entre H, halógeno, CN, OH, NO₂, heteroarilo opcionalmente sustituido, arilo opcionalmente sustituido; alquilo opcionalmente sustituido, haloalquilo opcionalmente sustituido, haloalcoxi opcionalmente sustituido, cicloalquilo opcionalmente sustituido, y heterocicloalquilo opcionalmente sustituido;

X es CH₂ o C=O;

R_3 está ausente o es heteroarilo de 5 o 6 miembros opcionalmente sustituido; y

 indica el sitio de unión del L.