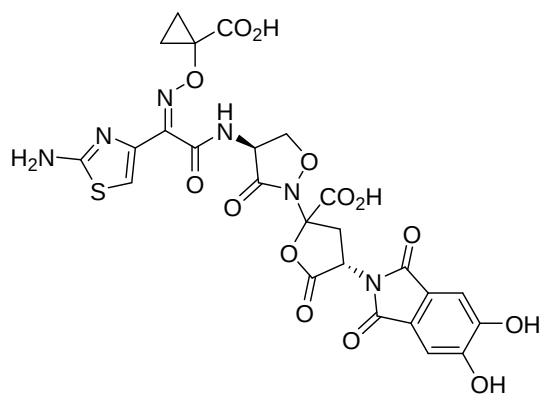
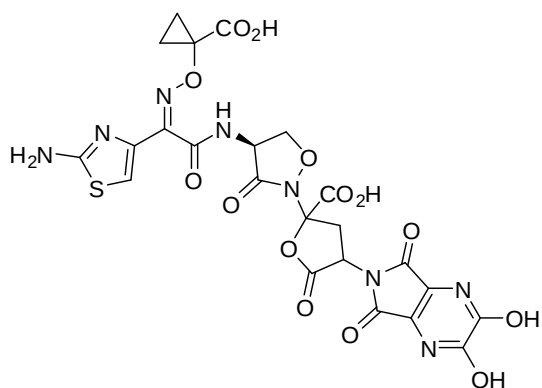


REIVINDICACIONES

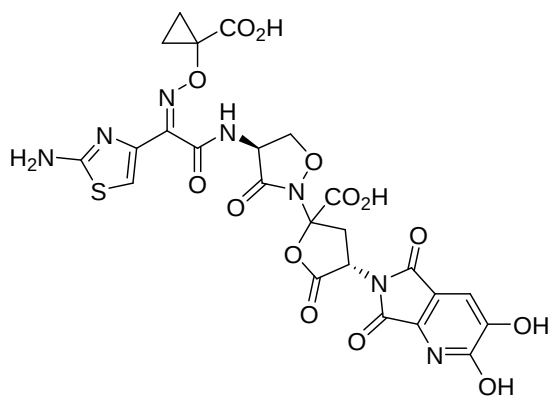
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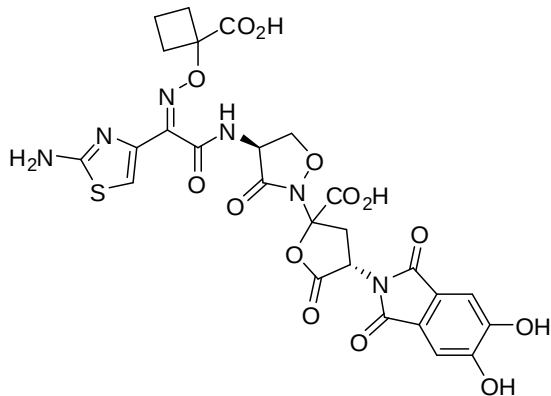
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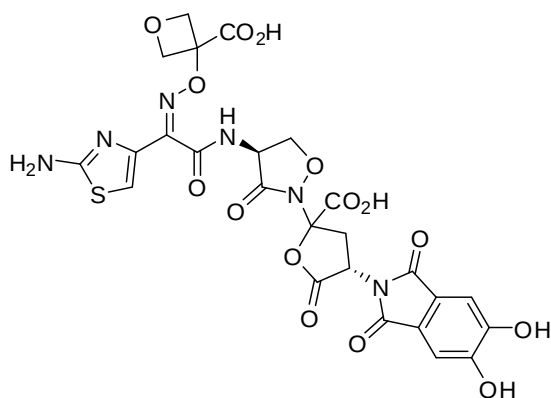
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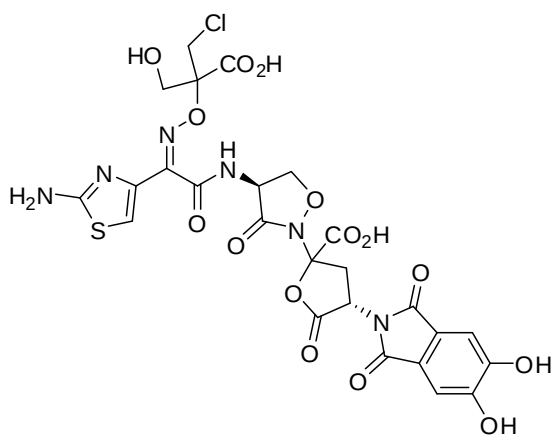
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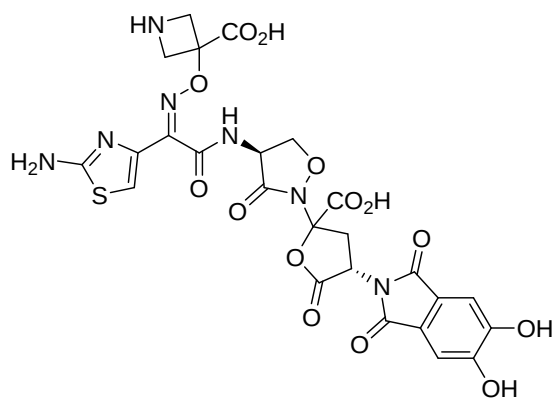
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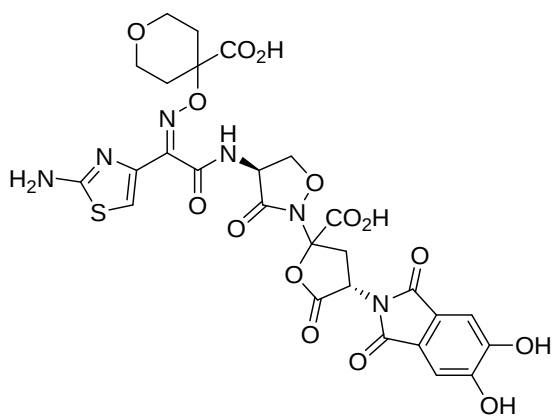
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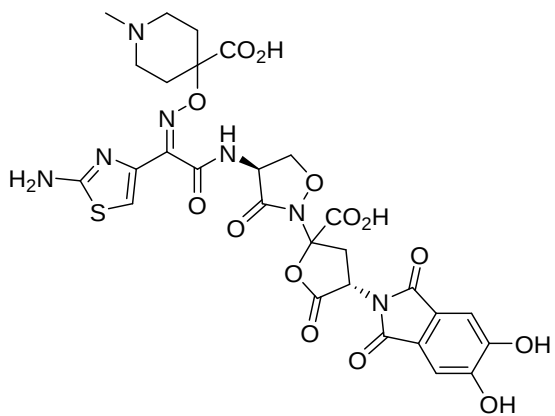
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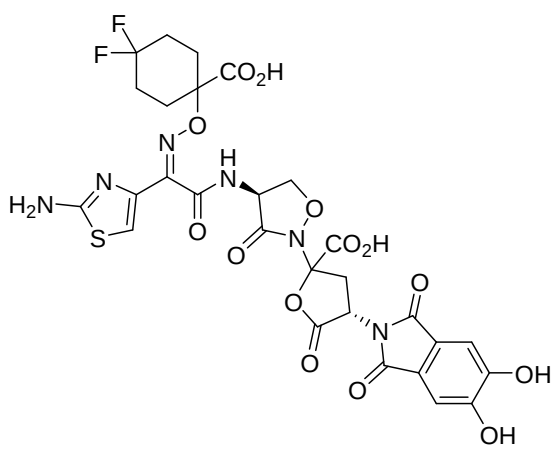
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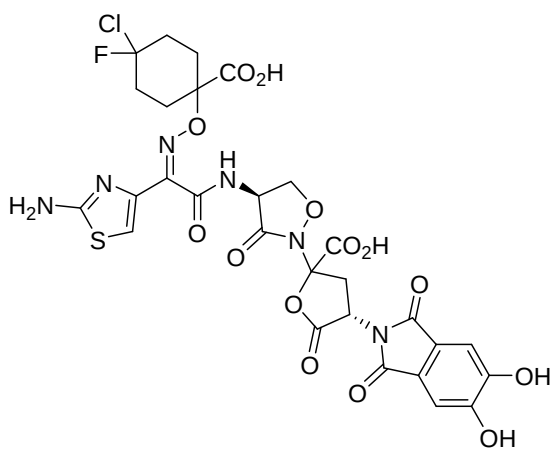
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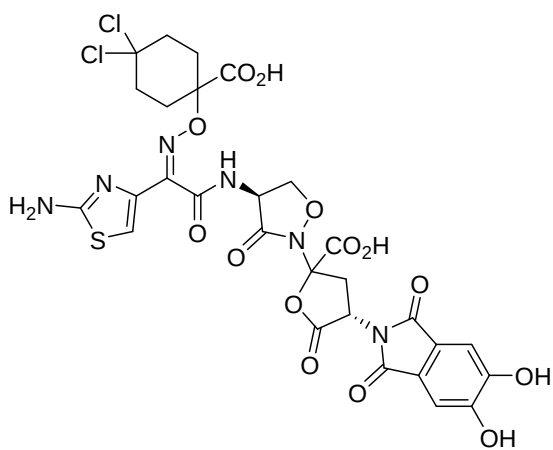
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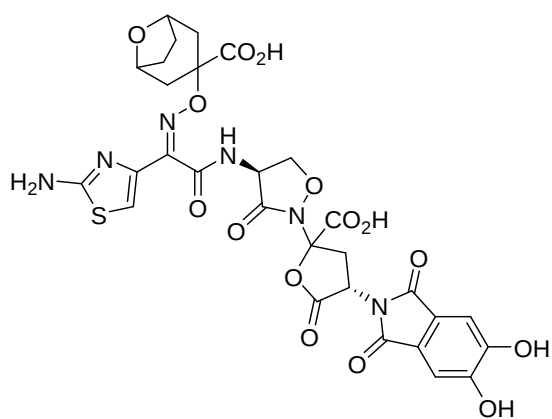
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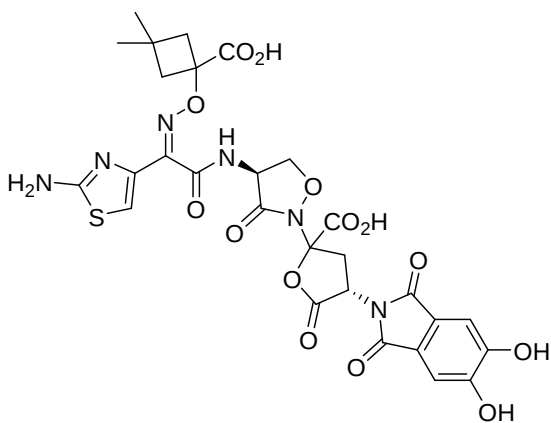
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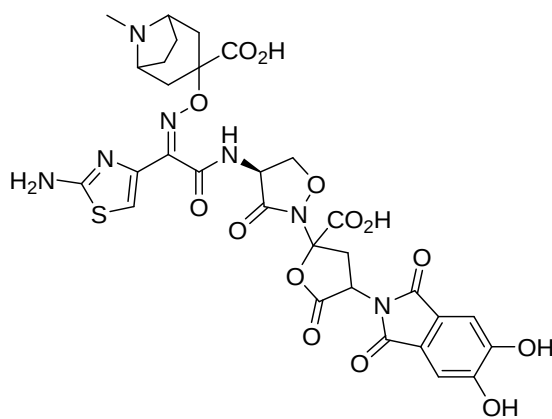
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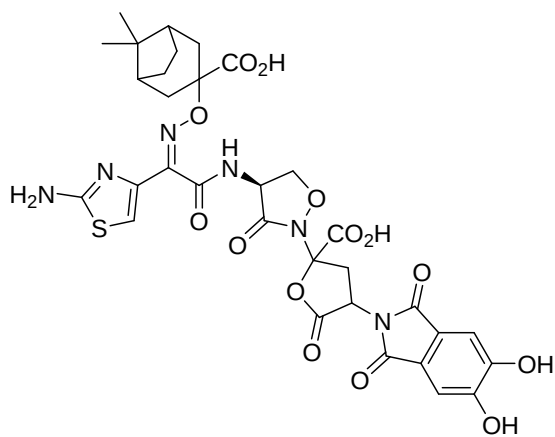
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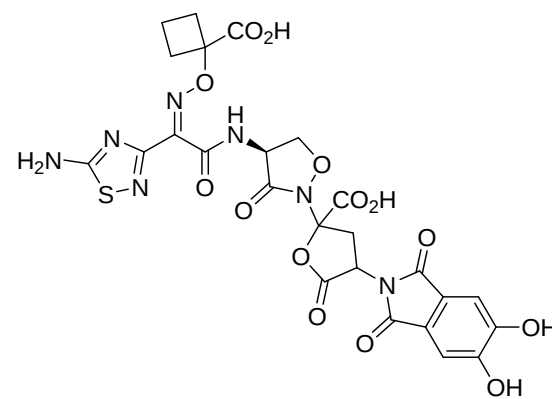
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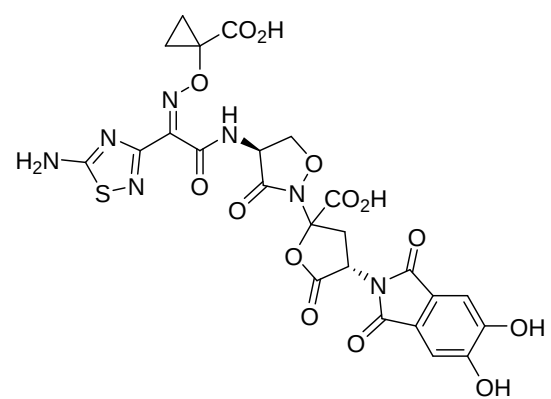
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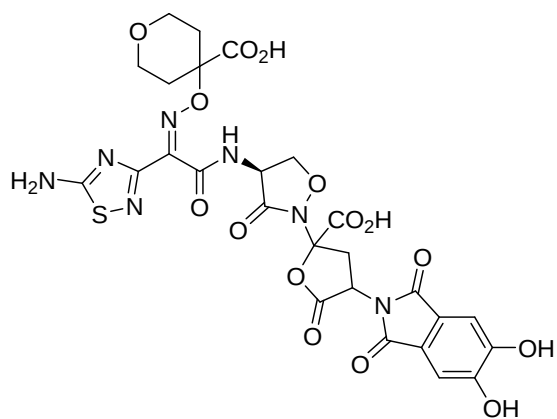
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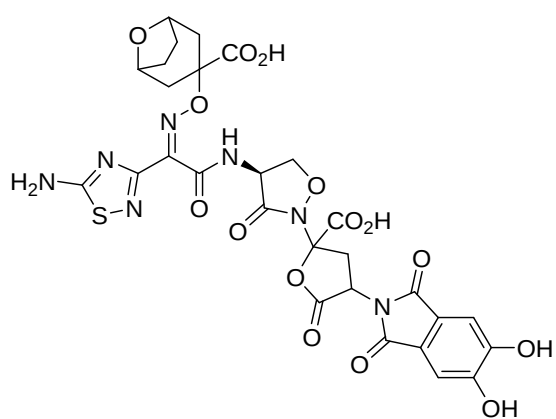
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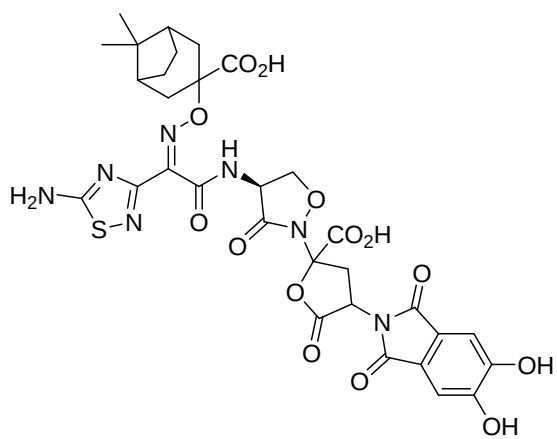
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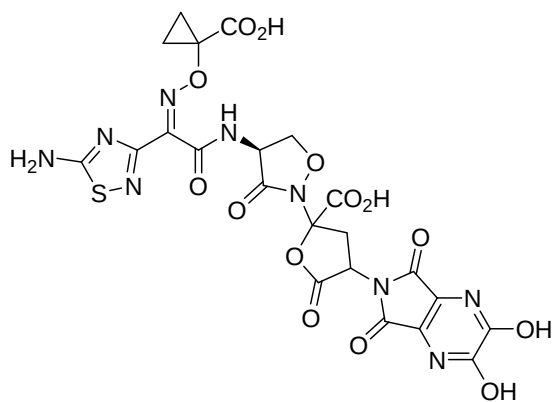
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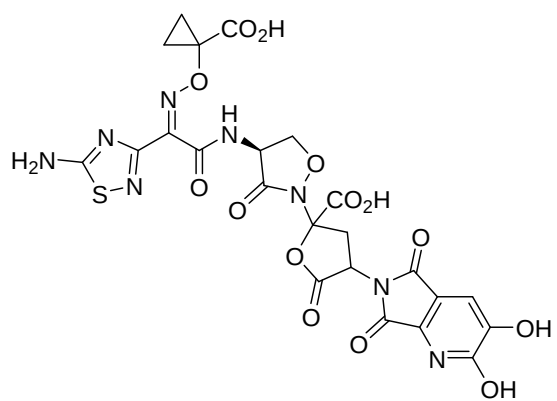
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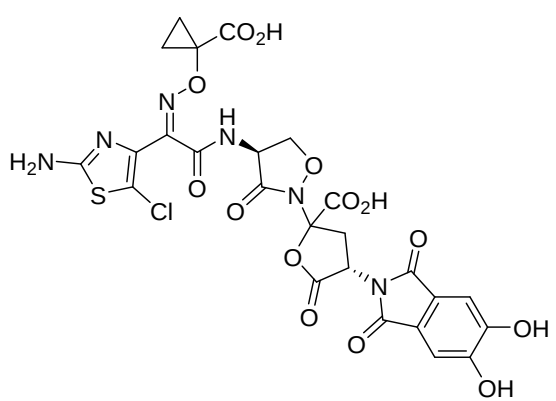
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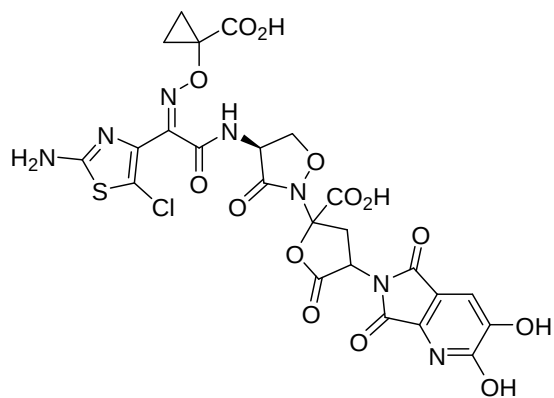
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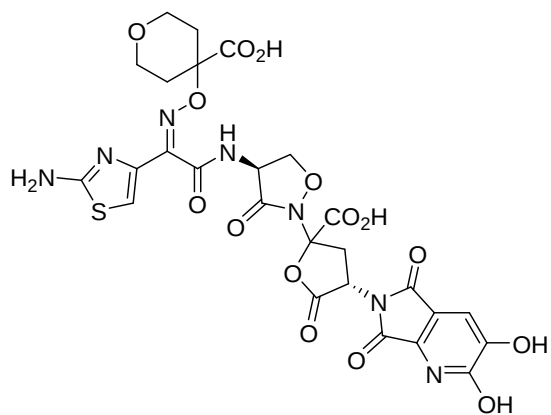
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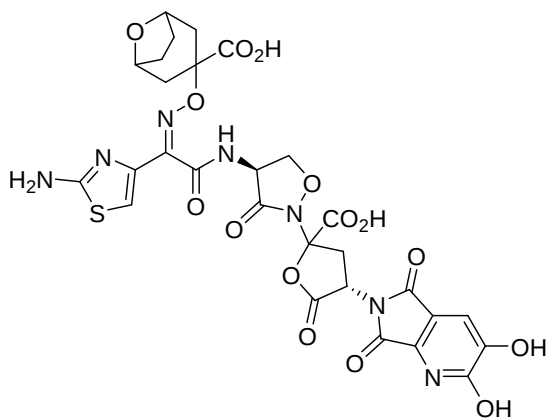
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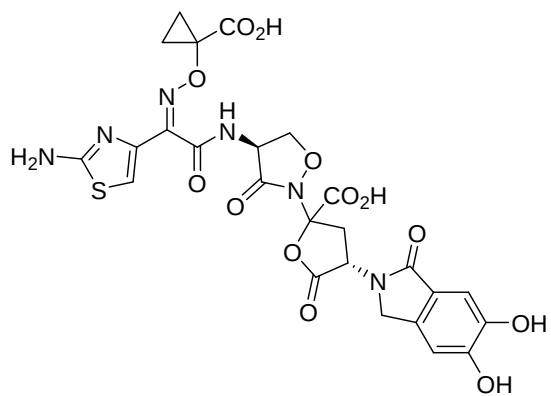
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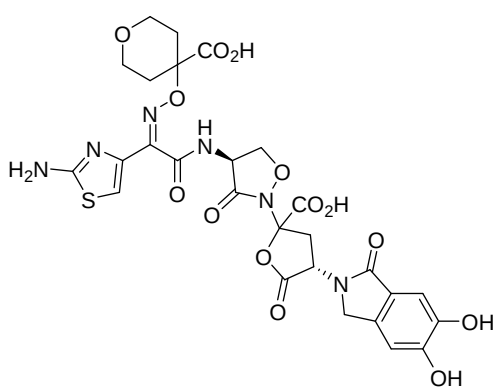
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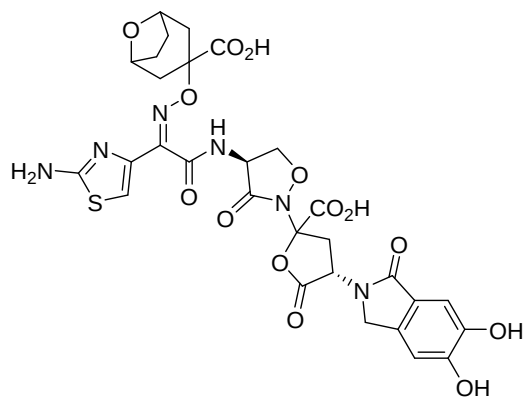
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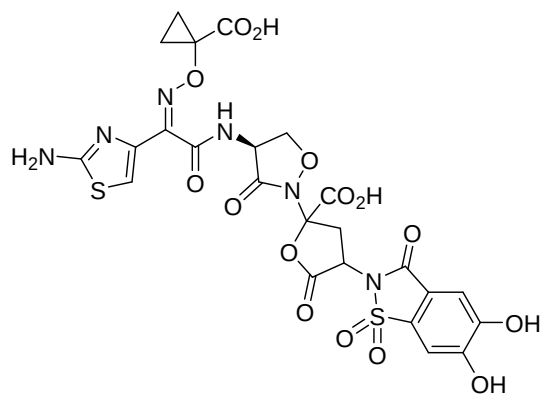
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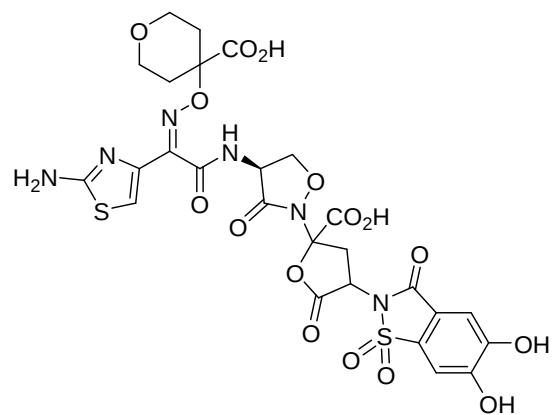
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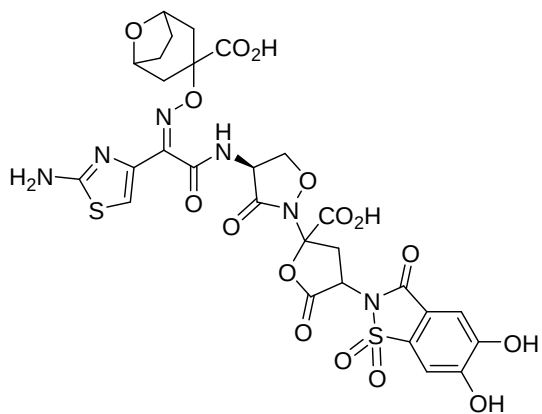
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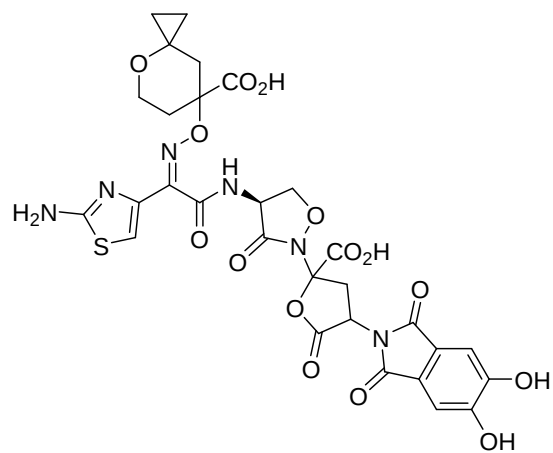
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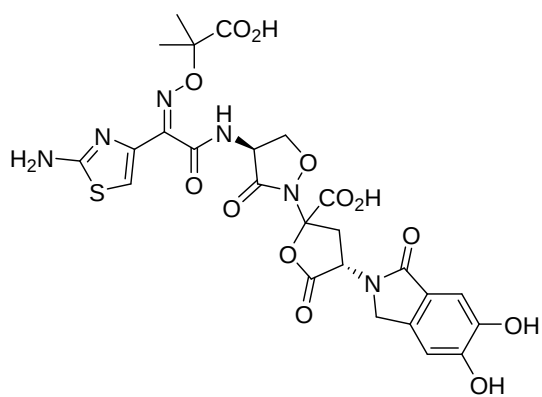
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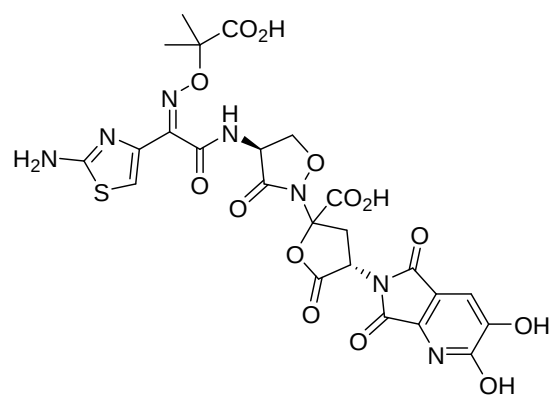
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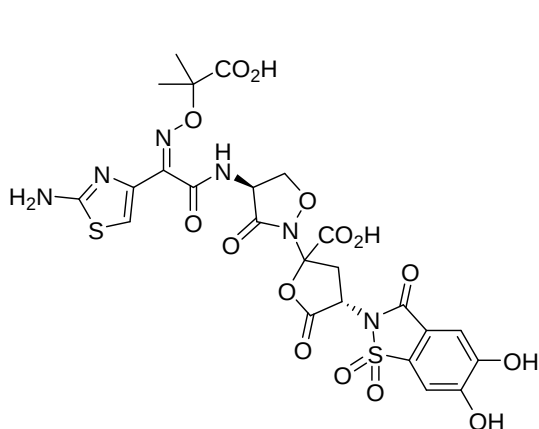
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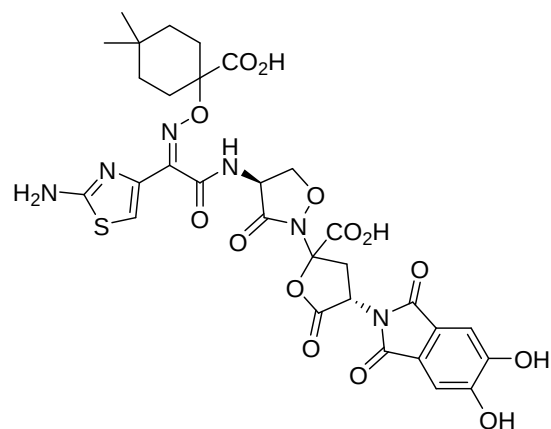
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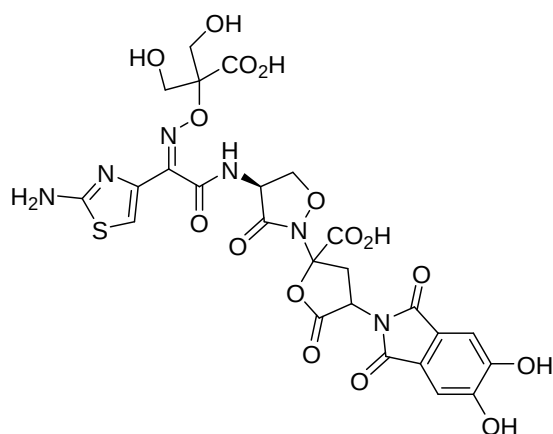
36



37



38, o



39

2. Un compuesto seleccionado de los siguientes:

ácido (4S)-2-[(4S)-4-{[(2Z)-2-(2-amino-1,3-tiazol-4-il)-2-{[(1-carboxiciclopropil)oxi]imino}acetil]amino}-3-oxo-1,2-oxazolidin-2-il]-4-(5,6-dihidroxi-1,3-dioxo-1,3-dihidro-2H-isoindol-2-il)-5-oxooxolan-2-carboxílico

ácido 2-[(4S)-4-{[(2Z)-2-(2-amino-1,3-tiazol-4-il)-2-{[(1-carboxiciclopropil)oxi]imino}acetil]amino}-3-oxo-1,2-oxazolidin-2-il]-4-(2,3-dihidroxi-5,7-dioxo-5,7-dihidro-6H-pirrol-3,4-b)pirazin-6-il)-5-oxooxolan-2-carboxílico

ácido (4S)-2-((S)-4-((Z)-2-(2-aminotiazol-4-il)-2-((1-carboxiciclopropoxi)imino)acetamido)-3-oxoisoxazolidin-2-il)-4-(2,3-dihidroxi-5,7-dioxo-5,7-dihidro-6H-pirrol-3,4-b)piridin-6-il)-5-oxotetrahidrofuran-2-carboxílico

ácido (4S)-2-[(4S)-4-[[(2Z)-2-(2-amino-1,3-tiazol-4-il)-2-[[(1-carboxiciclobutil)oxi]imino}acetil]amino}-3-oxo-1,2-oxazolidin-2-il]-4-(5,6-dihidroxi-1,3-dioxo-1,3-dihidro-2H-isoindol-2-il)-5-oxoxolan-2-carboxílico

ácido (4S)-2-[(4S)-4-[[(2Z)-2-(2-amino-1,3-tiazol-4-il)-2-[[(3-carboxioxetan-3-il)oxi]imino}acetil]amino}-3-oxo-1,2-oxazolidin-2-il]-4-(5,6-dihidroxi-1,3-dioxo-1,3-dihidro-2H-isoindol-2-il)-5-oxoxolan-2-carboxílico

ácido (4S)-2-[(4S)-4-[[(2Z)-2-(2-amino-1,3-tiazol-4-il)-2-[[(2-carboxi-1-cloro-3-hidroxiopropan-2-il)oxi]imino}acetil]amino}-3-oxo-1,2-oxazolidin-2-il]-4-(5,6-dihidroxi-1,3-dioxo-1,3-dihidro-2H-isoindol-2-il)-5-oxoxolan-2-carboxílico

ácido 3-((Z)-[1-(2-amino-1,3-tiazol-4-il)-2-((4S)-2-[(4S)-2-carboxi-4-(5,6-dihidroxi-1,3-dioxo-1,3-dihidro-2H-isoindol-2-il)-5-oxoxolan-2-il]-3-oxo-1,2-oxazolidin-4-il]amino)-2-oxoetiliden]amino}oxi)azetidina-3-carboxílico

ácido 4-((Z)-[1-(2-amino-1,3-tiazol-4-il)-2-((4S)-2-[(4S)-2-carboxi-4-(5,6-dihidroxi-1,3-dioxo-1,3-dihidro-2H-isoindol-2-il)-5-oxoxolan-2-il]-3-oxo-1,2-oxazolidin-4-il]amino)-2-oxoetiliden]amino}oxi)oxano-4-carboxílico

ácido 4-(((Z)-1-(2-aminotiazol-4-il)-2-(((4S)-2-((4S)-2-carboxi-4-(5,6-dihidroxi-1,3-dioxoisindolin-2-il)-5-oxotetrahidrofuran-2-il)-3-oxoisoxazolidin-4-il)amino)-2-oxoetiliden)amino)oxi)-1-metilpiperidin-4-carboxílico

ácido (4S)-2-((S)-4-((Z)-2-(2-aminotiazol-4-il)-2-(((1-carboxi-4,4-difluorociclohexil)oxi)imino)acetamido)-3-oxoisoxazolidin-2-il)-4-(5,6-dihidroxi-1,3-dioxoisindolin-2-il)-5-oxotetrahidrofuran-2-carboxílico

ácido (4S)-2-((S)-4-((Z)-2-(2-aminotiazol-4-il)-2-(((1-carboxi-4-cloro-4-fluorociclohexil)oxi)imino)acetamido)-3-oxoisoxazolidin-2-il)-4-(5,6-dihidroxi-1,3-dioxoisindolin-2-il)-5-oxotetrahidrofuran-2-carboxílico

ácido (4S)-2-((S)-4-((Z)-2-(2-aminotiazol-4-il)-2-(((1-carboxi-4,4-diclorociclohexil)oxi)imino)acetamido)-3-oxoisoxazolidin-2-il)-4-(5,6-dihidroxi-1,3-dioxoisindolin-2-il)-5-oxotetrahidrofuran-2-carboxílico

ácido 3-((Z)-[1-(2-amino-1,3-tiazol-4-il)-2-((4S)-2-[(4S)-2-carboxi-4-(5,6-dihidroxi-1,3-dioxo-1,3-dihidro-2H-isoindol-2-il)-5-oxoxolan-2-il]-3-oxo-1,2-oxazolidin-4-il]amino)-2-oxoetiliden]amino}oxi)-8-oxabicyclo[3.2.1]octano-3-carboxílico

ácido (4S)-2-[(4S)-4-[[(2Z)-2-(2-amino-1,3-tiazol-4-il)-2-[[(1-carboxi-3,3-dimetilciclobutil)oxi]imino}acetil]amino}-3-oxo-1,2-oxazolidin-2-il]-4-(5,6-dihidroxi-1,3-dioxo-1,3-dihidro-2H-isoindol-2-il)-5-oxoxolan-2-carboxílico

ácido 3-((Z)-[1-(2-amino-1,3-tiazol-4-il)-2-((4S)-2-[2-carboxi-4-(5,6-dihidroxi-1,3-dioxo-1,3-dihidro-2H-isoindol-2-il)-5-oxoxolan-2-il]-3-oxo-1,2-oxazolidin-4-

il}amino)-2-oxoetiliden]amino}oxi)-8-metil-8-azabicyclo[3.2.1]octano-3-carboxílico

ácido 2-[(4S)-4-{[(2Z)-2-(2-amino-1,3-tiazol-4-il)-2-{(3-carboxi-8,8-dimetilbicyclo[3.2.1]octan-3-il)oxi]imino}acetil]amino}-3-oxo-1,2-oxazolidin-2-il]-4-(5,6-dihidroxi-1,3-dioxo-1,3-dihidro-2H-isoindol-2-il)-5-oxoxolan-2-carboxílico

ácido 2-[(4S)-4-{[(2Z)-2-(5-amino-1,2,4-tiadiazol-3-il)-2-{(1-carboxiciclobutil)oxi]imino}acetil]amino}-3-oxo-1,2-oxazolidin-2-il]-4-(5,6-dihidroxi-1,3-dioxo-1,3-dihidro-2H-isoindol-2-il)-5-oxoxolan-2-carboxílico

ácido (4S)-2-[(4S)-4-{[(2Z)-2-(5-amino-1,2,4-tiadiazol-3-il)-2-{(1-carboxiciclopropil)oxi]imino}acetil]amino}-3-oxo-1,2-oxazolidin-2-il]-4-(5,6-dihidroxi-1,3-dioxo-1,3-dihidro-2H-isoindol-2-il)-5-oxoxolan-2-carboxílico

ácido 4-{(Z)-[1-(5-amino-1,2,4-tiadiazol-3-il)-2-{(4S)-2-[2-carboxi-4-(5,6-dihidroxi-1,3-dioxo-1,3-dihidro-2H-isoindol-2-il)-5-oxoxolan-2-il]-3-oxo-1,2-oxazolidin-4-il}amino)-2-oxoetiliden]amino}oxi)oxan-4-carboxílico

ácido 3-{(Z)-[1-(5-amino-1,2,4-tiadiazol-3-il)-2-{(4S)-2-[2-carboxi-4-(5,6-dihidroxi-1,3-dioxo-1,3-dihidro-2H-isoindol-2-il)-5-oxoxolan-2-il]-3-oxo-1,2-oxazolidin-4-il}amino)-2-oxoetiliden]amino}oxi)-8-oxabicyclo[3.2.1]octano-3-carboxílico

ácido 2-[(4S)-4-{[(2Z)-2-(5-amino-1,2,4-tiadiazol-3-il)-2-{(3-carboxi-8,8-dimetilbicyclo[3.2.1]octan-3-il)oxi]imino}acetil]amino}-3-oxo-1,2-oxazolidin-2-il]-4-(5,6-dihidroxi-1,3-dioxo-1,3-dihidro-2H-isoindol-2-il)-5-oxoxolan-2-carboxílico

ácido 2-[(4S)-4-{[(2Z)-2-(5-amino-1,2,4-tiadiazol-3-il)-2-{(1-carboxiciclopropil)oxi]imino}acetil]amino}-3-oxo-1,2-oxazolidin-2-il]-4-(2,3-dihidroxi-5,7-dioxo-5,7-dihidro-6H-pirrol[3,4-b]pirazin-6-il)-5-oxoxolan-2-carboxílico

ácido 2-[(4S)-4-{[(2Z)-2-(5-amino-1,2,4-tiadiazol-3-il)-2-{(1-carboxiciclopropil)oxi]imino}acetil]amino}-3-oxo-1,2-oxazolidin-2-il]-4-(2,3-dihidroxi-5,7-dioxo-5,7-dihidro-6H-pirrol[3,4-b]piridin-6-il)-5-oxoxolan-2-carboxílico

ácido (4S)-2-[(4S)-4-{[(2Z)-2-(2-amino-5-cloro-1,3-tiazol-4-il)-2-{(1-carboxiciclopropil)oxi]imino}acetil]amino}-3-oxo-1,2-oxazolidin-2-il]-4-(5,6-dihidroxi-1,3-dioxo-1,3-dihidro-2H-isoindol-2-il)-5-oxoxolan-2-carboxílico

ácido 2-[(4S)-4-{[(2Z)-2-(2-amino-5-cloro-1,3-tiazol-4-il)-2-{(1-carboxiciclopropil)oxi]imino}acetil]amino}-3-oxo-1,2-oxazolidin-2-il]-4-(2,3-dihidroxi-5,7-dioxo-5,7-dihidro-6H-pirrol[3,4-b]piridin-6-il)-5-oxoxolan-2-carboxílico

ácido 4-((Z)-[1-(2-amino-1,3-tiazol-4-il)-2-((4S)-2-[(4S)-2-carboxi-4-(2,3-dihidroxi-5,7-dioxo-5,7-dihidro-6H-pirrol-3-il)piridin-6-il)-5-oxoxolan-2-il]-3-oxo-1,2-oxazolidin-4-il]amino)-2-oxoetiliden]amino}oxi)oxano-4-carboxílico

ácido 3-((Z)-[1-(2-amino-1,3-tiazol-4-il)-2-((4S)-2-[(4S)-2-carboxi-4-(2,3-dihidroxi-5,7-dioxo-5,7-dihidro-6H-pirrol-3-il)piridin-6-il)-5-oxoxolan-2-il]-3-oxo-1,2-oxazolidin-4-il]amino)-2-oxoetiliden]amino}oxi)-8-oxabicyclo[3.2.1]octano-3-carboxílico

ácido (4S)-2-[(4S)-4-[(2Z)-2-(2-amino-1,3-tiazol-4-il)-2-[(1-carboxyciclopropil)oxi]imino}acetil]amino]-3-oxo-1,2-oxazolidin-2-il]-4-(5,6-dihidroxi-1-oxo-1,3-dihidro-2H-isoindol-2-il)-5-oxoxolan-2-carboxílico

ácido 4-((Z)-[1-(2-amino-1,3-tiazol-4-il)-2-((4S)-2-[(4S)-2-carboxi-4-(5,6-dihidroxi-1-oxo-1,3-dihidro-2H-isoindol-2-il)-5-oxoxolan-2-il]-3-oxo-1,2-oxazolidin-4-il]amino)-2-oxoetiliden]amino}oxi)oxano-4-carboxílico

ácido 3-((Z)-[1-(2-amino-1,3-tiazol-4-il)-2-((4S)-2-[(4S)-2-carboxi-4-(5,6-dihidroxi-1-oxo-1,3-dihidro-2H-isoindol-2-il)-5-oxoxolan-2-il]-3-oxo-1,2-oxazolidin-4-il]amino)-2-oxoetiliden]amino}oxi)-8-oxabicyclo[3.2.1]octano-3-carboxílico

ácido 2-[(4S)-4-[(2Z)-2-(2-amino-1,3-tiazol-4-il)-2-[(1-carboxyciclopropil)oxi]imino}acetil]amino]-3-oxo-1,2-oxazolidin-2-il]-4-(5,6-dihidroxi-1,1,3-trioxo-1,3-dihidro-2H-1λ⁶,2-benzotiazol-2-il)-5-oxoxolan-2-carboxílico

ácido 4-((Z)-[1-(2-amino-1,3-tiazol-4-il)-2-((4S)-2-[2-carboxi-4-(5,6-dihidroxi-1,1,3-trioxo-1,3-dihidro-2H-1λ⁶,2-benzotiazol-2-il)-5-oxoxolan-2-il]-3-oxo-1,2-oxazolidin-4-il]amino)-2-oxoetiliden]amino}oxi)oxano-4-carboxílico

ácido 3-((Z)-[1-(2-amino-1,3-tiazol-4-il)-2-((4S)-2-[2-carboxi-4-(5,6-dihidroxi-1,1,3-trioxo-1,3-dihidro-2H-1λ⁶,2-benzotiazol-2-il)-5-oxoxolan-2-il]-3-oxo-1,2-oxazolidin-4-il]amino)-2-oxoetiliden]amino}oxi)-8-oxabicyclo[3.2.1]octano-3-carboxílico

ácido 7-((Z)-[1-(2-amino-1,3-tiazol-4-il)-2-((4S)-2-[2-carboxi-4-(5,6-dihidroxi-1,3-dioxo-1,3-dihidro-2H-isoindol-2-il)-5-oxoxolan-2-il]-3-oxo-1,2-oxazolidin-4-il]amino)-2-oxoetiliden]amino}oxi)-4-oxaspiro[2.5]octano-7-carboxílico

ácido (4S)-2-[(4S)-4-[(2Z)-2-(2-amino-1,3-tiazol-4-il)-2-[(2-carboxipropan-2-il)oxi]imino}acetil]amino]-3-oxo-1,2-oxazolidin-2-il]-4-(5,6-dihidroxi-1-oxo-1,3-dihidro-2H-isoindol-2-il)-5-oxoxolan-2-carboxílico

ácido (4S)-2-[(4S)-4-[(2Z)-2-(2-amino-1,3-tiazol-4-il)-2-[(2-carboxipropan-2-il)oxi]imino}acetil]amino]-3-oxo-1,2-oxazolidin-2-il]-4-(2,3-dihidroxi-5,7-dioxo-5,7-dihidro-6H-pirrol-3-il)piridin-6-il)-5-oxoxolan-2-carboxílico

ácido (4S)-2-[(4S)-4-[[[(2Z)-2-(2-amino-1,3-tiazol-4-il)-2-[[[(2-carboxipropan-2-il)oxi]imino}acetil]amino}-3-oxo-1,2-oxazolidin-2-il]-4-(5,6-dihidroxi-1,1,3-trioxo-1,3-dihidro-2H-1λ⁶,2-benzotiazol-2-il)-5-oxoxolan-2-carboxílico

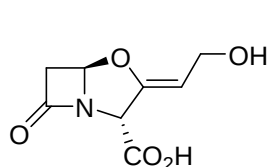
ácido (4S)-2-[(4S)-4-[[[(2Z)-2-(2-amino-1,3-tiazol-4-il)-2-[[[(1-carboxi-4,4-dimetilciclohexil)oxi]imino}acetil]amino}-3-oxo-1,2-oxazolidin-2-il]-4-(5,6-dihidroxi-1,3-dioxo-1,3-dihidro-2H-isoindol-2-il)-5-oxoxolan-2-carboxílico, o

ácido 2-[(4S)-4-[[[(2Z)-2-(2-amino-1,3-tiazol-4-il)-2-[[[(2-carboxi-1,3-dihidroxipropan-2-il)oxi]imino}acetil]amino}-3-oxo-1,2-oxazolidin-2-il]-4-(5,6-dihidroxi-1,3-dioxo-1,3-dihidro-2H-isoindol-2-il)-5-oxoxolan-2-carboxílico.

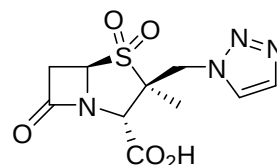
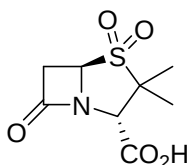
3. Una composición farmacéutica que comprende uno o más compuestos de la reivindicación 1 o 2, o sales farmacéuticamente aceptables de los mismos, y un vehículo o diluyente farmacéuticamente aceptable.

4. Una composición farmacéutica que comprende (i) uno o más compuestos de la reivindicación 1 o 2, o sales farmacéuticamente aceptables de los mismos, (ii) uno o más inhibidores de β-lactamasa, y (iii) un vehículo o diluyente farmacéuticamente aceptable.

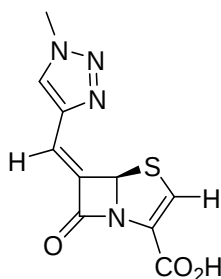
5. La composición farmacéutica de la reivindicación 4, en donde los inhibidores de β-lactamasa se seleccionan entre la fórmula (1^a) a (1^{z'}):



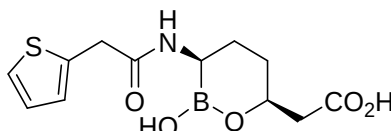
1^a (ácido clavulánico) 1^b (sulbactam)



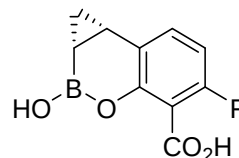
1^c (tazobactam)



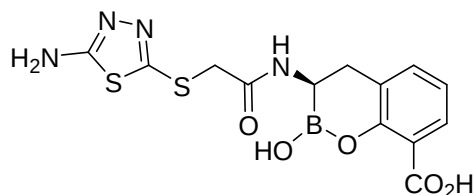
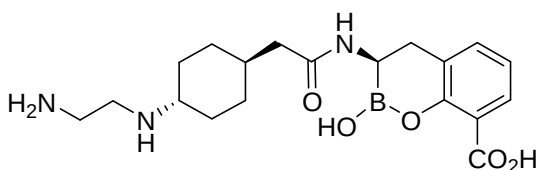
1^d (BRL-42715)

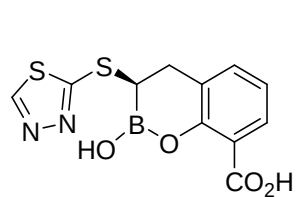
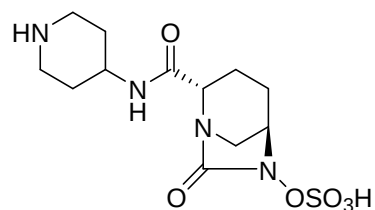
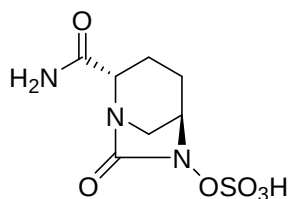
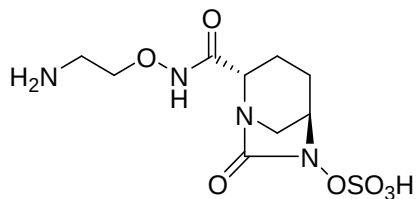
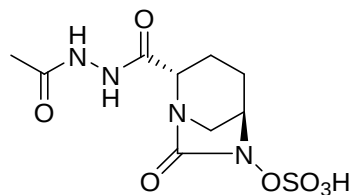
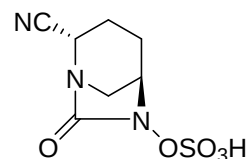
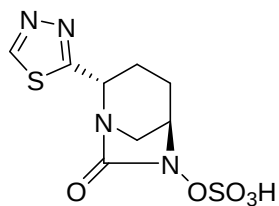
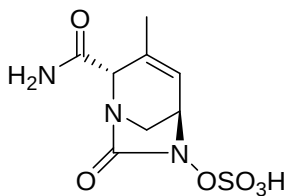
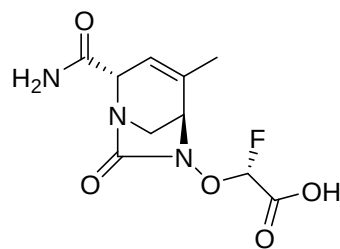
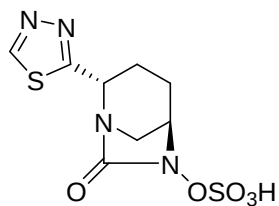
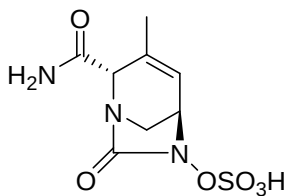
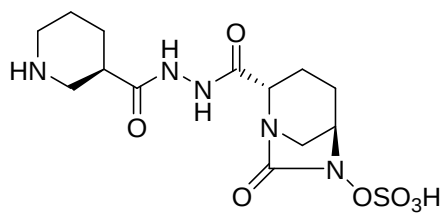
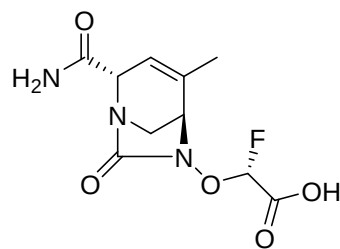
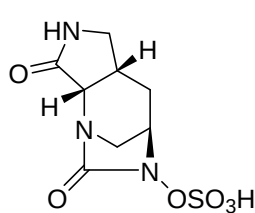
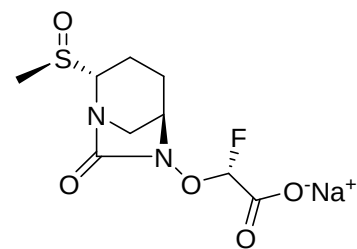
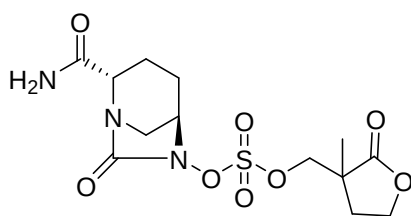
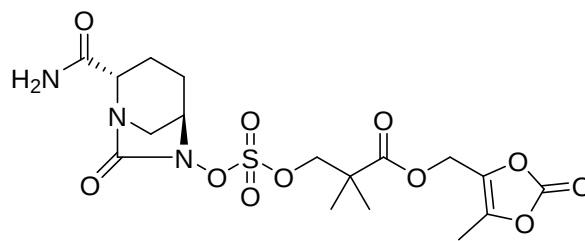


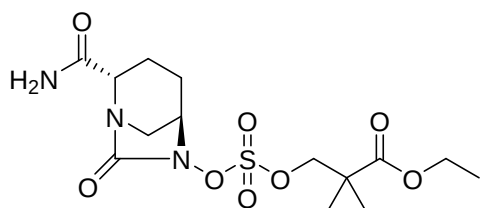
1^e (vaborbactam)



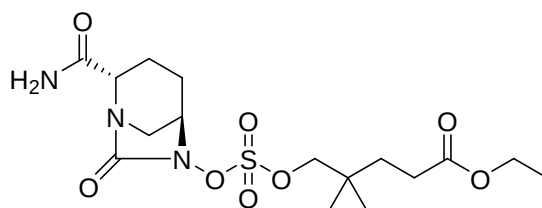
1^f (QPX-7728)



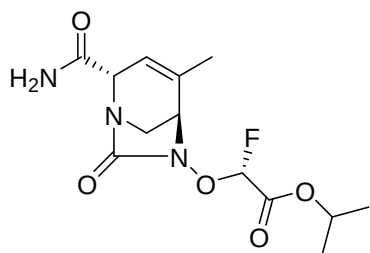
1^g (taniborbactam, VNRX-5133)1^h (RPX-7262)1ⁱ (RPX-7282)1^j (NXL-104)1^k (relebactam)1^l (nacubactam)1^m (FPI-1523)1ⁿ (WCK 4234)1^o1^p (durlobacta)1^q (ETX-1317)1^r (zidebactam)1^s1^t1^u1^v



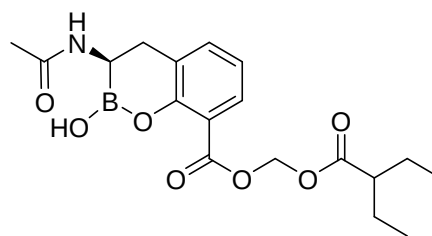
1^w (ARX-1796)



1^x

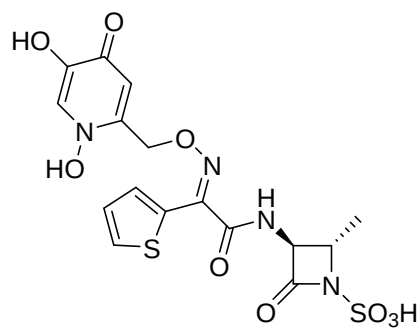


1^y (ETX-0282)



1^z (VNRX-7145)

y



1^{z'} (Syn2190).