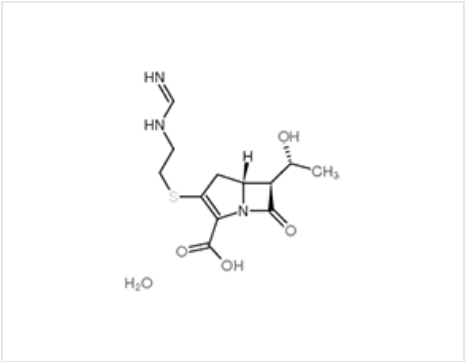
Imipenem Inhibitor

PRODUCT OVERVIEW

Product Name	Imipenem, Inhibitor
Full Product Name	Imipenem
Host	Synthetic
Form/Format	POWDER
Purity/Purification	95.0%
Preparation and Storage	Store at -20 degree C.
Molecular Weight	317.36
CAS	74431-23-5
Formula	C12H19N3O5S
Solubility	Soluble in water
Smiles	O.N12C(=C(C[C@@H]1[C@H](C2=O)[C@@H](C)O)SCCNC=N)C(=O)O
Solubility Note	For obtaining a higher solubility, please warm the tube at 37 degree C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20 degree C for several months.
Pathways	Microbiology & Virology
Boiling Point	34.6 degree C
Melting Point	193-198 degree C
Related Product Information for Imipenem, inhibitor	MBS577513 is an inhibitor targeting Imipenem. Host: Synthetic.
Other Notes	Small volumes of Imipenem, inhibitor vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



Structure of Imipenem, inhibitor

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for Imipenem. It may not necessarily be applicable to this product.

Protein Family	Imipenem-hydrolyzing beta-lactamase

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