

## Imipenem

Catalog No: #S1505

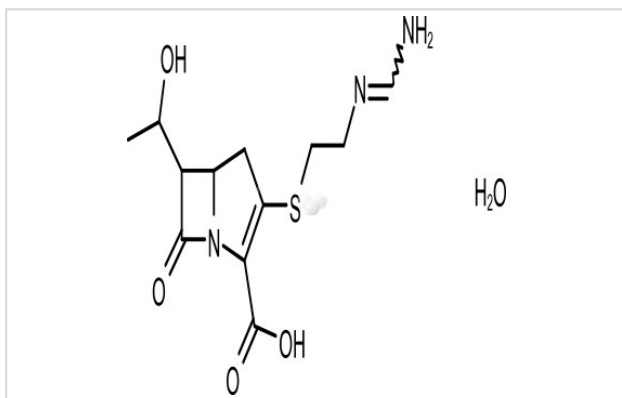
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## Description

Product Name	Imipenem
Brief Description	Inhibitors
Purification	90.00%
Target Name	Antibacterial inhibitor; Antibiotic inhibitor
Calculated MW	317.36
Formulation	C <sub>12</sub> H <sub>19</sub> N <sub>3</sub> O <sub>5</sub> S
Storage	3 years -20°C powder; 2 years -80°C in solvent;

## Images



## Product Description

## Research

Area: Immunology SMILES: C[C@H]([C@@H]1[C@H]2CC(=C(N2C1=O)C(=O)O)SCCN=CN)O.O Pathways: Microbiology&virology Receptor: PBPs;  
 β-Lactamase Boiling pt: 34.6°C Melting pt: 193-198°C Solubility: Soluble in Water Appearance: White Powder Remark: For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20 °C for several months.

## References

1. Pichardo C, et al. Antimicrob Agents Chem Other. 2005 Aug;49(8):3311-6.

Note: This product is for in vitro research use only