

Aztreonam

Catalog No: #S1029

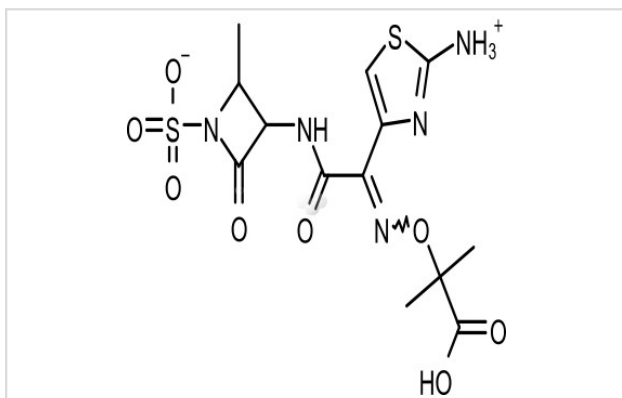
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Description

Product Name	Aztreonam
Brief Description	Inhibitors
Purification	97.60%
Target Name	Antibacterial inhibitor; Antibiotic inhibitor
Calculated MW	435.43
Formulation	C13H17N5O8S2
Storage	3 years -20°C powder; 2 years -80°C in solvent;

Images



Product Description

Research

Area: Immunology
 SMILES: C[C@H]1[C@@H](C(=O)N1S(=O)(=O)O)NC(=O)/C(=N)OC(C)C(=O)O/C2=CSC(=N2)N
 Pathways: Microbiology & virology
 Receptor: PBPs; β -Lactamase
 Boiling pt: Melting pt: 227°C
 Solubility: Water: 11 mg/mL (25.26 mM); DMSO: 87 mg/mL (199.8 mM)
 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. Poirel L, et al. Antimicrob Agents ChemOther. 2005 Aug;49(8):3593-7.

Note: This product is for in vitro research use only