

Avibactam

Catalog No: #S4201

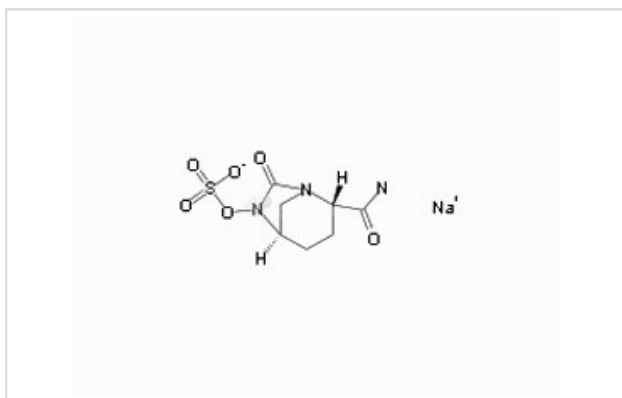
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Description

Product Name	Avibactam
Brief Description	Inhibitors
Purification	98.00%
Target Name	Antibacterial inhibitor
Calculated MW	287.222
Formulation	C7H10N3NaO6S
Storage	3 years -20°C powder;2 years -80°C in solvent;

Images



Product Description

Research

Area:inflammationSMILES:C1C[C@H](N2C[C@@H]1N(C2=O)OS(=O)(=O)[O-])C(=O)N.[Na+]Pathways:Microbiology&virologyReceptor:CTX-M-15; KPC-2 β-lactamases; P99 β-lactamases; TEM-1 β-lactamasesBoiling pt:Melting pt:Solubility:DMSO 57 mg/mL (198.44 mM)
Water 57 mg/mL (198.44 mM)

Ethanol InsolubleAppearance: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 month.

References

1.Ehmann DE, et al. Avibactam is a covalent, reversible, non-β-lactam β-lactamase inhibitor. Proc Natl Acad Sci U S A. 2012 Jul 17;109(29):11663-8.

Note: This product is for in vitro research use only