

Ampicillin Trihydrate

Catalog No: #S0814

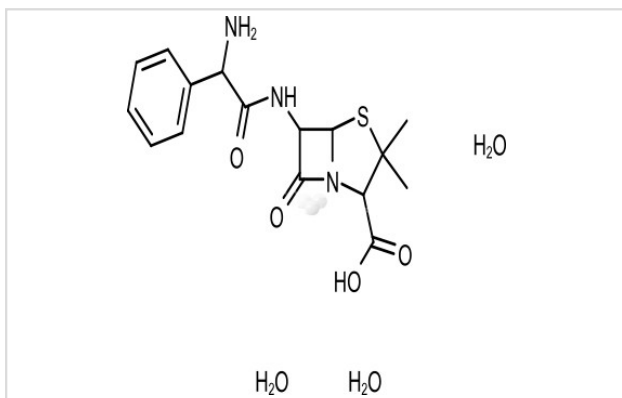
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Description

Product Name	Ampicillin Trihydrate
Brief Description	Inhibitors
Purification	99.53%
Target Name	Antibiotic inhibitor
Calculated MW	403.45
Formulation	C ₁₆ H ₁₉ N ₃ O ₄ S ₃ H ₂ O
Storage	3 years -20°C powder; 2 years -80°C in solvent;

Images



Product Description

Research

Area: Immunology SMILES: CC1([C@@H](N2[C@H](S1)[C@@H](C2=O)NC(=O)[C@@H](C3=CC=CC=C3)N)C(=O)O)C.O.O.O Pathways: Microbiology & virology Receptor: β -Lactamase Boiling pt: 683.9C Melting pt: 208C Solubility: Water: 2 mg/mL (4.95 mM); DMSO: 81 mg/mL (200.76 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 month.

References

1. Lacy MK, et al. Antimicrob Agents Chem Others, 1999, 43(3), 672-677.

Note: This product is for in vitro research use only