

Piperacillin sodium salt

Catalog No: #S1213

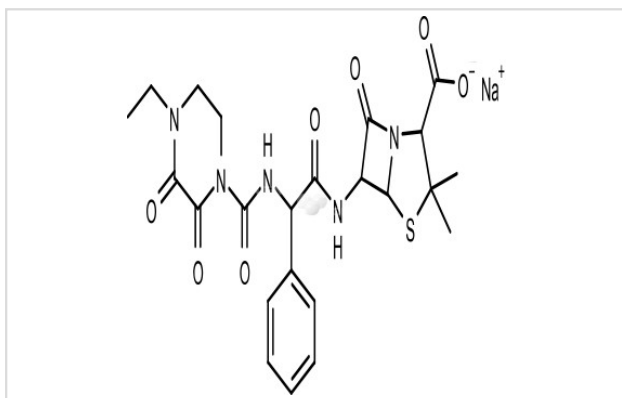
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Description

Product Name	Piperacillin sodium salt
Brief Description	Inhibitors
Purification	98.00%
Target Name	Antibiotic inhibitor
Calculated MW	539.54
Formulation	C ₂₃ H ₂₆ N ₅ NaO ₇ S
Storage	3 years -20°C powder; 2 years -80°C in solvent;

Images



Product Description

Research

Area: Immunology SMILES: CCN1CCN(C(=O)C1=O)C(=O)N[C@H](C2=CC=CC=C2)C(=O)N[C@H]3[C@@H]4N(C3=O)[C@H](C(S4)(C)C)C(=O)[O-].[Na+] Pathways: Microbiology & virology Receptor: β -Lactamase Boiling pt: 707.1 C? Melting pt: 183-185 C Solubility: Ethanol: 100 mg/mL (185.34 mM); Water: 100 mg/mL (185.34 mM); DMSO: 100 mg/mL (185.34 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. Williamson R, et al. Antimicrob Agents Chem Others, 1980, 18(4), 629-637.

Note: This product is for in vitro research use only