

Cephalexin

Catalog No: #S1008

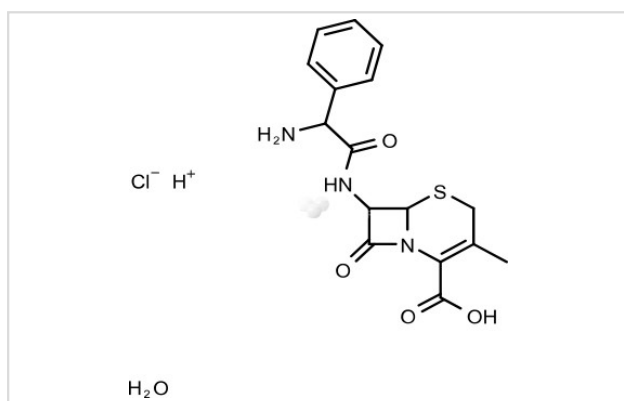
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Description

Product Name	Cephalexin
Brief Description	Inhibitors
Purification	99.66%
Target Name	Antibacterial
Calculated MW	347.39
Formulation	C16H17N3O4S
Storage	3 years -20°C powder; 2 years -80°C in solvent;

Images



Product Description

Research

Area: Immunology
 SMILES: CC1=C(N2[C@@H]([C@@H](C2=O)NC(=O)[C@@H](C3=CC=CC=C3)N)SC1)C(=O)O
 Pathways: Microbiology & virology
 Receptor: PBPs
 Boiling pt: 727.4°C
 Melting pt: 196-198°C
 Solubility: Water: 10 mg/mL (28.78 mM); DMSO: 2 mg/mL (5.75 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

- Williamson R, et al. Antimicrob Agents Chem Others. 1980 Oct;18(4):629-37.

Note: This product is for in vitro research use only