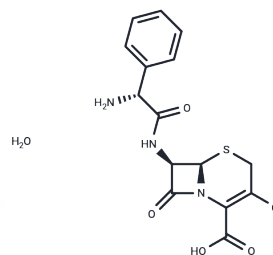


Cefaclor monohydrate

Chemical Properties

CAS No. :	70356-03-5
Formula:	C ₁₅ H ₁₆ ClN ₃ O ₅ S
Molecular Weight:	385.82
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	Cefaclor monohydrate (Cefaclorum) is a beta-lactam, second-generation cephalosporin antibiotic with bactericidal activity.
Targets(IC50)	5-HT Receptor, Antibacterial, Antibiotic

Solubility Information

Solubility	H ₂ O: < 1 mg/mL (insoluble or slightly soluble), DMSO: 36.6 mg/mL (94.86 mM), Sonication is recommended. Ethanol: < 1 mg/mL (insoluble or slightly soluble), (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5919 mL	12.9594 mL	25.9188 mL
5 mM	0.5184 mL	2.5919 mL	5.1838 mL
10 mM	0.2592 mL	1.2959 mL	2.5919 mL
50 mM	0.0518 mL	0.2592 mL	0.5184 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Chambers HF, Miick C. Antimicrob Agents ChemOthers. 1992 Mar;36(3):656-61.

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