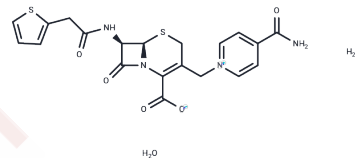


Cefalonium Dihydrate(5575-21-3 free base)

Chemical Properties

CAS No. : 1385046-35-4
 Formula: C₂₀H₂₂N₄O₇S₂
 Molecular Weight: 494.5
 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	Cefalonium Dihydrate(5575-21-3 free base) is a first-generation cephalosporin antibiotic.
Targets(IC50)	Others,Antibacterial,Antibiotic

Solubility Information

Solubility	DMSO: 50 mg/mL (101.11 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0222 mL	10.1112 mL	20.2224 mL
5 mM	0.4044 mL	2.0222 mL	4.0445 mL
10 mM	0.2022 mL	1.0111 mL	2.0222 mL
50 mM	0.0404 mL	0.2022 mL	0.4044 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

Demon D, et al. Vet Microbiol. 2012 Nov 9;160(1-2):141-50.

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