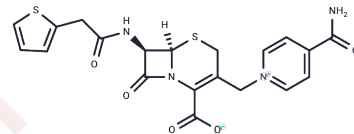


Cephalonium

Chemical Properties

CAS No. :	5575-21-3
Formula:	C ₂₀ H ₁₈ N ₄ O ₅ S ₂
Molecular Weight:	458.51
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	Cephalonium (Cefalonium) is a first-generation cephalosporin antibiotic.
Targets(IC50)	Others, Antibacterial, Antibiotic

Solubility Information

Solubility	DMSO: 11 mg/mL (23.99 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	2.181 mL	10.9049 mL	21.8098 mL
5 mM	0.4362 mL	2.181 mL	4.362 mL
10 mM	0.2181 mL	1.0905 mL	2.181 mL
50 mM	0.0436 mL	0.2181 mL	0.4362 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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