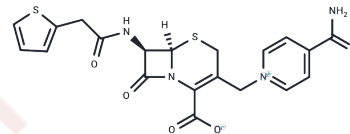


Cephalonium

Chemical Properties

CAS No. : 5575-21-3
 Formula: C₂₀H₁₈N₄O₅S₂
 Molecular Weight: 458.51
 Appearance: no data available
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	Cephalonium (Cefalonium) is a first-generation cephalosporin antibiotic.
Targets(IC50)	Others

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.

Reference

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

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