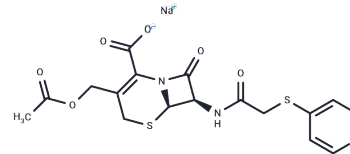


Cephapirin Sodium

Chemical Properties

CAS No. : 24356-60-3
 Formula: C₁₇H₁₆N₃O₆S₂.Na
 Molecular Weight: 445.45
 Appearance: no data available
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	Cefapirin sodium is the sodium salt of Cephapirin, an antimicrobial agent.
Targets(IC50)	Antibacterial,Antibiotic

Solubility Information

Solubility	DMSO: 20 mg/mL (44.9 mM), (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2449 mL	11.2246 mL	22.4492 mL
5 mM	0.449 mL	2.2449 mL	4.4898 mL
10 mM	0.2245 mL	1.1225 mL	2.2449 mL
50 mM	0.0449 mL	0.2245 mL	0.449 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

Tan JS, et al. Bacampicillin, Ampicillin, Cephalothin, and Cephapirin levels in human blood and interstitial fluid. Antimicrob Agents Chemother. 1979 Apr;15(4):510-2.

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