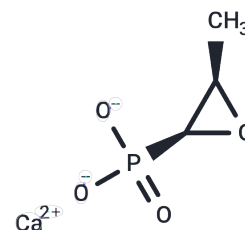


Fosfomycin calcium

Chemical Properties

CAS No. : 26016-98-8
 Formula: C₃H₅CaO₄P
 Molecular Weight: 176.12
 Appearance: no data available
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	Fosfomycin calcium (Phosphomycin calcium salt) is a blood-brain barrier penetrating, broad-spectrum antibiotic by irreversibly inhibiting an early stage in cell wall synthesis.
Targets(IC50)	Antibacterial,Antibiotic

Solubility Information

Solubility	DMSO: 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	5.6779 mL	28.3897 mL	56.7795 mL
5 mM	1.1356 mL	5.6779 mL	11.3559 mL
10 mM	0.5678 mL	2.839 mL	5.6779 mL
50 mM	0.1136 mL	0.5678 mL	1.1356 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

ijkmans AC, et al. Fosfomycin: Pharmacological, Clinical and Future Perspectives. Antibiotics (Basel). 2017 Oct 31;6 (4). pii: E24.

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