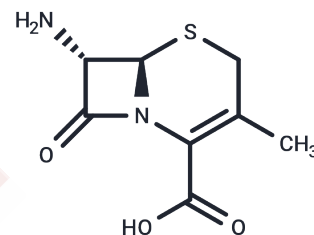


7-Aminodeacetoxycephalosporanic acid

Chemical Properties

CAS No. :	22252-43-3
Formula:	C ₈ H ₁₀ N ₂ O ₃ S
Molecular Weight:	214.24
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	7-Aminodeacetoxycephalosporanic acid (Cefalexine EP IMPurity B) is used as an antibiotic.
Targets(IC50)	Others,Antibiotic

Solubility Information

Solubility	DMSO: Insoluble, H ₂ O: 10 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	4.6677 mL	23.3383 mL	46.6766 mL
5 mM	0.9335 mL	4.6677 mL	9.3353 mL
10 mM	0.4668 mL	2.3338 mL	4.6677 mL
50 mM	0.0934 mL	0.4668 mL	0.9335 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

Robin J, et al. Biotechnol Bioeng. 2003 Aug 5;83(3):353-60.

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