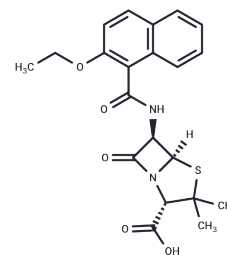


Nafcillin

Chemical Properties

CAS No. :	147-52-4
Formula:	C ₂₁ H ₂₂ N ₂ O ₅ S
Molecular Weight:	414.47
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	Nafcillin sodium, a narrow-spectrum beta-lactam antibiotic of the penicillin class, is used to treat infections caused by Gram-positive bacteria, in particular, species of staphylococci that are resistant to other penicillins.
Targets(IC50)	Others,Antibacterial,Antibiotic

Solubility Information

Solubility	DMSO: Soluble, H ₂ O: Insoluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4127 mL	12.0636 mL	24.1272 mL
5 mM	0.4825 mL	2.4127 mL	4.8254 mL
10 mM	0.2413 mL	1.2064 mL	2.4127 mL
50 mM	0.0483 mL	0.2413 mL	0.4825 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

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