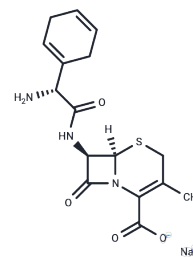


Cephradine sodium

Chemical Properties

CAS No. :	57584-26-6
Formula:	C16H18N3NaO4S
Molecular Weight:	371.39
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	Cephradine sodium is the salt form of Cephradine (free base), a semi-synthetic cephalosporin antibiotic. Cephradine inhibits the last stage of bacterial cell wall synthesis by binding to certain penicillin-binding proteins which results in cell lysis. Cell lysis is mediated by bacterial cell wall autolytic enzymes. Cephradine may interfere with autolysin inhibitors.
Targets(IC50)	Others,Antibacterial,Antibiotic,TOPK

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6926 mL	13.4629 mL	26.9259 mL
5 mM	0.5385 mL	2.6926 mL	5.3852 mL
10 mM	0.2693 mL	1.3463 mL	2.6926 mL
50 mM	0.0539 mL	0.2693 mL	0.5385 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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