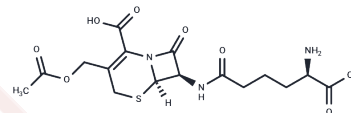


Cephalosporin C

Chemical Properties

CAS No. : 61-24-5
 Formula: C₁₆H₂₁N₃O₈
 Molecular Weight: 415.418
 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	Cephalosporin C exhibits relatively weak resistance to Gram-positive and Gram-negative bacteria. It is stable against penicillinase, but can be decomposed by cephalosporinase. When hydrolyzed to remove its side chain, it yields 7-amino-cefenoic acid (7-ACA), which is an essential raw material for the production of semisynthetic cephalosporins.
Targets(IC50)	Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4072 mL	12.036 mL	24.072 mL
5 mM	0.4814 mL	2.4072 mL	4.8144 mL
10 mM	0.2407 mL	1.2036 mL	2.4072 mL
50 mM	0.0481 mL	0.2407 mL	0.4814 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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