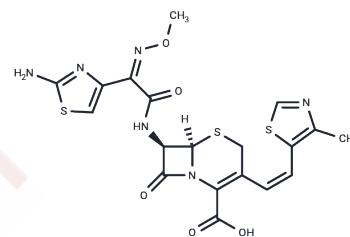


Cefditoren

Chemical Properties

CAS No. :	104145-95-1
Formula:	C ₁₉ H ₁₈ N ₆ O ₅ S ₃
Molecular Weight:	506.58
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	Cefditoren is an antibiotic characterized by its oral efficacy and broad-spectrum antimicrobial activities, effectively inhibiting both Gram-negative and Gram-positive bacterial activities. It displays a MIC ₅₀ of 0.25-0.5 mg/L against Streptococcus pneumoniae strains. Additionally, Cefditoren is utilized in treating respiratory and skin infections.
Targets(IC ₅₀)	Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.974 mL	9.8701 mL	19.7402 mL
5 mM	0.3948 mL	1.974 mL	3.948 mL
10 mM	0.1974 mL	0.987 mL	1.974 mL
50 mM	0.0395 mL	0.1974 mL	0.3948 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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