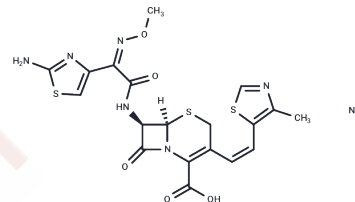


Cefditoren sodium

Chemical Properties

CAS No. :	104146-53-4
Formula:	C ₁₉ H ₁₈ N ₆ NaO ₅ S ₃
Molecular Weight:	529.57
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 sodium is a cephalosporin antibiotic potentially for the treatment of bacterial infection. The expression levels of Mrp2, Bcrp, Oat2 mRNA were markedly increased, while P-gp and Oct1 mRNA were decreased. In concordance with RT-PCR results, Mrp2 expression level increased by Western blotting.
Targets(IC50)	Others,Antibacterial

Solubility Information

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

	1mg	5mg	10mg
1 mM	1.8883 mL	9.4416 mL	18.8832 mL
5 mM	0.3777 mL	1.8883 mL	3.7766 mL
10 mM	0.1888 mL	0.9442 mL	1.8883 mL
50 mM	0.0378 mL	0.1888 mL	0.3777 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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