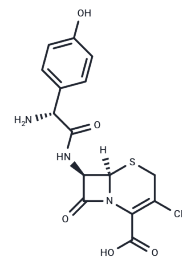


Cefadroxil

Chemical Properties

CAS No. :	50370-12-2
Formula:	C ₁₆ H ₁₇ N ₃ O ₅ S
Molecular Weight:	363.39
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	Cefadroxil (BL-S 578) is a Cephalosporin Antibacterial. The chemical classification of cefadroxil anhydrous is Cephalosporins.
Targets(IC50)	Antibacterial, Antibiotic, transporter

Solubility Information

Solubility	H ₂ O: 9.17 mg/mL (25.23 mM), when pH is adjusted to 3 with HCl. Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7519 mL	13.7593 mL	27.5186 mL
5 mM	0.5504 mL	2.7519 mL	5.5037 mL
10 mM	0.2752 mL	1.3759 mL	2.7519 mL
50 mM	0.055 mL	0.2752 mL	0.5504 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

Williamson R, et al. Antimicrob Agents ChemOthers. 1980 Oct;18(4):629-37.

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