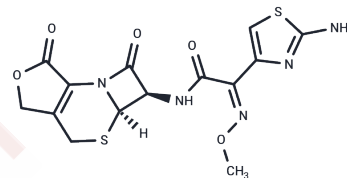


3-Desacetyl Cefotaxime lactone

Chemical Properties

CAS No. :	66340-33-8
Formula:	C ₁₄ H ₁₃ N ₅ O ₅ S ₂
Molecular Weight:	395.41
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	3-Desacetyl Cefotaxime lactone, the active metabolite of Cefotaxime, is derived from its sodium salt form, which is recognized as a third-generation cephalosporin antibiotic.
Targets(IC50)	Others,Antibiotic,Drug Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.529 mL	12.6451 mL	25.2902 mL
5 mM	0.5058 mL	2.529 mL	5.058 mL
10 mM	0.2529 mL	1.2645 mL	2.529 mL
50 mM	0.0506 mL	0.2529 mL	0.5058 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

Szultka-Mlynska M, et al. Application of solid phase microextraction followed by liquid chromatography-mass spectrometry in the determination of antibiotic drugs and their metabolites in human whole blood and tissue samples. J Chromatogr B Analyt Technol Biomed Life Sci. 2018 Jun 1;1086:153-165.

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