

Cefpodoxime proxetil-D3

Chemical Properties

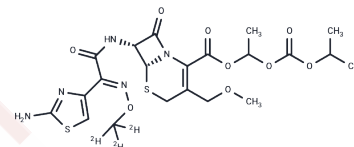
CAS No. :

Formula: C₂₁H₂₄D₃N₅O₉S₂

Molecular Weight: 560.62

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

Cefpodoxime proxetil-D3 is a deuterated compound of Cefpodoxime proxetil. Cefpodoxime proxetil (T4998) has a CAS number of 87239-81-4. Cefpodoxime is an oral third generation cephalosporin antibiotic. It is active against most Gram positive and Gram negative bacteria. It is commonly used to treat acute otitis media, pharyngitis, and sinusitis. Cefpodoxime proxetil (T4998) is a prodrug which is absorbed and de-esterified by the intestinal mucosa to Cefpodoxime.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7837 mL	8.9187 mL	17.8374 mL
5 mM	0.3567 mL	1.7837 mL	3.5675 mL
10 mM	0.1784 mL	0.8919 mL	1.7837 mL
50 mM	0.0357 mL	0.1784 mL	0.3567 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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