

## Cefpodoxime-D3 Acid

## Chemical Properties

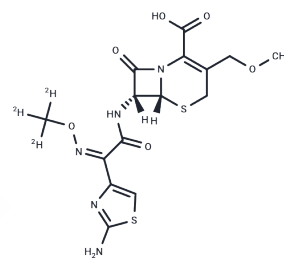
CAS No. :

Formula: C15H14D3N5O6S2

Molecular Weight: 430.47

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-D3 Acid is a deuterated compound of Cefpodoxime Acid. Cefpodoxime Acid (T4998L) has a CAS number of 80210-62-4. Cefpodoxime (free acid) is an oral, third-generation cephalosporin antibiotic. It is active against most Gram-positive and Gram-negative organisms, except *Pseudomonas aeruginosa*, *Enterococcus*, and *Bacteroides fragilis*.

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.323 mL	11.6152 mL	23.2304 mL
5 mM	0.4646 mL	2.323 mL	4.6461 mL
10 mM	0.2323 mL	1.1615 mL	2.323 mL
50 mM	0.0465 mL	0.2323 mL	0.4646 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.

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