

## Cefprozil

## Chemical Properties

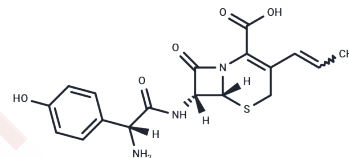
CAS No. : 92665-29-7

Formula: C<sub>18</sub>H<sub>19</sub>N<sub>3</sub>O<sub>5</sub>S

Molecular Weight: 389.43

Storage: Store at low temperature, Keep away from moisture  
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	Cefprozil (Cefzil) is a novel cephalosporin antibiotic with antiviral activity for the study of immune system disorders.
Targets(IC50)	Antibacterial, Antibiotic

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5679 mL	12.8393 mL	25.6786 mL
5 mM	0.5136 mL	2.5679 mL	5.1357 mL
10 mM	0.2568 mL	1.2839 mL	2.5679 mL
50 mM	0.0514 mL	0.2568 mL	0.5136 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

Liu M, et al. An LC-MS/MS method for simultaneous determination of cefprozil diastereomers in human plasma and its application for the bioequivalence study of two cefprozil tablets in healthy Chinese volunteers. Biomed Chromatogr. 2016 Mar;30(3):288-93

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Pistiki A, et al. In Vitro Activity of Oral Cephalosporins (Cefprozil and Cefixime) Against Ciprofloxacin-Resistant Enterobacteriaceae from Community-Acquired Urinary-Tract Infections. Infect Dis Ther. 2015 Dec;4(4):425-32.

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