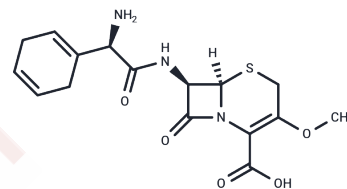


## Cefroxadine

## Chemical Properties

CAS No. :	51762-05-1
Formula:	C <sub>16</sub> H <sub>19</sub> N <sub>3</sub> O <sub>5</sub> S
Molecular Weight:	365.4
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	Cefroxadine is an orally active cephalosporin antibiotic with a broad spectrum and a bactericidal action. It showed excellent results in the treatment of acute uncomplicated cystitis (AUC).
Targets(IC50)	Others,Antibacterial,Antibiotic

## Solubility Information

Solubility	H <sub>2</sub> O: Insoluble, DMSO: Soluble, ( $< 1$ mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7367 mL	13.6836 mL	27.3673 mL
5 mM	0.5473 mL	2.7367 mL	5.4735 mL
10 mM	0.2737 mL	1.3684 mL	2.7367 mL
50 mM	0.0547 mL	0.2737 mL	0.5473 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

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Kitagawa S, Takeda J, Sato S. pH-dependent inhibitory effects of angiotensin-converting enzyme inhibitors on cefroxadine uptake by rabbit small intestinal brush-border membrane vesicles and their relationship with hydrophobicity and the ratio of zwitterionic species. Biol Pharm Bull. 1999 Jul;22(7):721-4. PubMed PMID: 10443470.

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