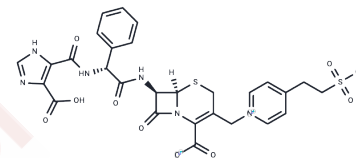


Cefpimizole

Chemical Properties

CAS No. :	84880-03-5
Formula:	C ₂₈ H ₂₆ N ₆ O ₁₀ S ₂
Molecular Weight:	670.67
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	Cefpimizole is a broad-spectrum cephalosporin antibiotic with limited side effects and high efficacy.
Targets(IC50)	Others,Antibacterial,Antibiotic

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.491 mL	7.4552 mL	14.9105 mL
5 mM	0.2982 mL	1.491 mL	2.9821 mL
10 mM	0.1491 mL	0.7455 mL	1.491 mL
50 mM	0.0298 mL	0.1491 mL	0.2982 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

- Novak E, Lakings DB, Paxton LM. Tolerance and disposition of cefpimizole in normal human volunteers after intramuscular administration. *Antimicrob Agents Chemother.* 1987 Nov;31(11):1706-10. PubMed PMID: 3435119; PubMed Central PMCID: PMC175025.
- Lakings DB, Friis JM, Brown RJ, Allen HR. Pharmacokinetics of cefpimizole in normal humans after single- and multiple-dose intravenous infusions. *Antimicrob Agents Chemother.* 1984 Dec;26(6):802-6. PubMed PMID: 6524897; PubMed Central PMCID: PMC180027.
- Oishi K, Matsumoto K, Yamamoto M, Morito T, Yoshida T. Stimulatory effect of cefodizime on macrophage-mediated phagocytosis. *J Antibiot (Tokyo).* 1989 Jun;42(6):989-92. PubMed PMID: 2737956.
- Friis JM, Lakings DB. High-performance liquid chromatographic method for the determination of cefpimizole in tissue. *J Chromatogr.* 1986 Oct 31;382:399-404. PubMed PMID: 3782412.

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