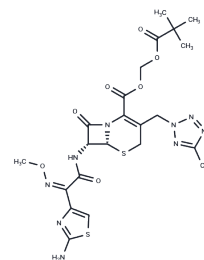


Cefteram pivoxil

Chemical Properties

CAS No. :	82547-81-7
Formula:	C ₂₂ H ₂₇ N ₉ O ₇ S ₂
Molecular Weight:	593.64
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	Cefteram pivoxil (T-2588) (CFM-PI) is an oral antibiotic available in powder suspension and tablet formulations indicated in China for the treatment of bacterial infections.
Targets(IC50)	Antibacterial, Antibiotic

Solubility Information

Solubility	4-Methylpyridine: 10 mg/mL (16.85 mM), Heating to 50°C is recommended. H ₂ O: Insoluble DMSO: 0.01 mg/mL (0.02 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6845 mL	8.4226 mL	16.8452 mL
5 mM	0.3369 mL	1.6845 mL	3.369 mL
10 mM	0.1685 mL	0.8423 mL	1.6845 mL
50 mM	0.0337 mL	0.1685 mL	0.3369 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

Zou J, et al. Pharmacokinetic and bioequivalence comparison of a single 100-mg dose of cefteram pivoxil powder suspension and tablet formulations: a randomized-sequence, open-label, two-period crossover study in healthy Chinese adult male volunteers. Clin Ther. 2008;30(4):654-660.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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