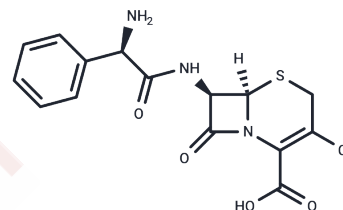


Cefaclor

Chemical Properties

| | |
|-------------------|--|
| CAS No. : | 53994-73-3 |
| Formula: | C ₁₅ H ₁₄ ClN ₃ O ₄ S |
| Molecular Weight: | 367.81 |
| Storage: | Store under nitrogen Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small> |



Biological Description

| | |
|---------------|---|
| Description | Cefaclor (Panoral) is a cephalosporin antibiotic. |
| Targets(IC50) | 5-HT Receptor, Antibacterial, Antibiotic |

Solubility Information

| | |
|------------|---|
| Solubility | DMSO: 18.5 mg/mL (50.3 mM), Sonication and heating are recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble) |
|------------|---|

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|-----------|-----------|
| 1 mM | 2.7188 mL | 13.594 mL | 27.188 mL |
| 5 mM | 0.5438 mL | 2.7188 mL | 5.4376 mL |
| 10 mM | 0.2719 mL | 1.3594 mL | 2.7188 mL |
| 50 mM | 0.0544 mL | 0.2719 mL | 0.5438 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

Tomić Z, et al. J Pharm Sci. 2016 Mar;105(3):1295-300.

Torumkuney D, et al. J Antimicrob Chemother. 2016 May;71 Suppl 1:i85-i91.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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