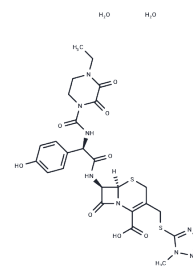


Cefoperazone dihydrate

Chemical Properties

CAS No. :	113826-44-1
Formula:	C ₂₅ H ₃₁ N ₉ O ₁₀ S ₂
Molecular Weight:	681.7
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Cefoperazone dihydrate, a semi-synthetic cephalosporin, exhibits a wide range of antibacterial properties.
In vitro	Cefoperazone, at a final concentration of 60 µg/mL in lung homogenate through aerosol treatment, safeguards granulocytopenic mice against acute <i>Pseudomonas aeruginosa</i> pneumonia.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4669 mL	7.3346 mL	14.6692 mL
5 mM	0.2934 mL	1.4669 mL	2.9338 mL
10 mM	0.1467 mL	0.7335 mL	1.4669 mL
50 mM	0.0293 mL	0.1467 mL	0.2934 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.

Reference

N Matsubara, et al. In vitro antibacterial activity of cefoperazone (T-1551), a new semisynthetic cephalosporin. Antimicrob Agents Chemother. 1979 Dec;16(6):731-5.

Inhibitor • Natural Compounds • Compound Libraries • Recombinant Proteins

This product is for Research Use Only. Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:36 Washington Street,Wellesley Hills,MA 02481