

Streptimidone

Chemical Properties

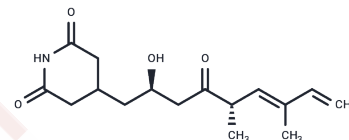
CAS No. : 738-72-7

Formula: C₁₆H₂₃N₁O₄

Molecular Weight: 293.36

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	Streptimidone, a metabolite produced by Streptomyces, exhibits various biological activities, including inhibiting protein synthesis at 50 µg/ml in cell-free assays and reducing tumor growth in rat xenograft models of H.S. No. 1 human sarcoma and H.Ep. No. 3 human epidermoid carcinoma at daily doses of 12.5 and 25 mg/kg.
Targets(IC50)	Others,Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.4088 mL	17.0439 mL	34.0878 mL
5 mM	0.6818 mL	3.4088 mL	6.8176 mL
10 mM	0.3409 mL	1.7044 mL	3.4088 mL
50 mM	0.0682 mL	0.3409 mL	0.6818 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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