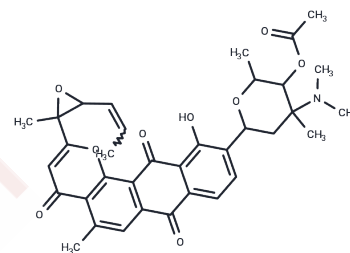


Saptomycin D

Chemical Properties

CAS No. :	137714-91-1
Formula:	C35H37NO9
Molecular Weight:	615.67
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	Saptomycin D, an antibiotic (antibiotic) isolated from the Streptomyces sp. HP530 strain, exhibits potent antitumor activity. It demonstrates strong inhibitory effects on Gram-positive bacteria and weaker inhibition against certain Gram-negative bacteria and yeasts. Additionally, Saptomycin D shows significant antitumor properties that make it a candidate for research in cancer therapy.
Targets(IC50)	Antibacterial, Antibiotic

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6242 mL	8.1212 mL	16.2425 mL
5 mM	0.3248 mL	1.6242 mL	3.2485 mL
10 mM	0.1624 mL	0.8121 mL	1.6242 mL
50 mM	0.0325 mL	0.1624 mL	0.3248 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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Tel: 781-999-4286 E_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481