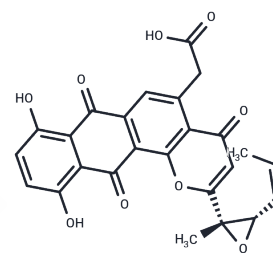


Sapurimycin

Chemical Properties

CAS No. :	132609-35-9
Formula:	C ₂₅ H ₁₈ O ₉
Molecular Weight:	462.41
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	Sapurimycin is an antitumor antibiotic isolated from the Streptomyces DO-116 and is part of the capuramycin family. It exhibits potent activity against Gram-positive bacteria and shows significant antitumor effects against leukemia P388 and sarcoma 180 in mouse models. In vitro studies demonstrate that Sapurimycin can induce single-strand breaks in supercoiled plasmid DNA.
Targets(IC50)	Antibiotic

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1626 mL	10.8129 mL	21.6258 mL
5 mM	0.4325 mL	2.1626 mL	4.3252 mL
10 mM	0.2163 mL	1.0813 mL	2.1626 mL
50 mM	0.0433 mL	0.2163 mL	0.4325 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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