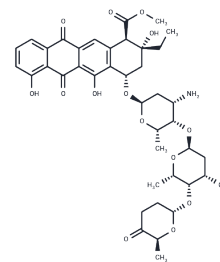


Antibiotic MA144 K1

Chemical Properties

CAS No. :	67508-84-3
Formula:	C40H49NO15
Molecular Weight:	783.82
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	Antibiotic MA144 K1 is an anthracycline glycoside that functions as a chemotherapeutic agent, inhibiting the growth of malignant tumors and treating infections caused by Gram-positive bacteria.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2758 mL	6.379 mL	12.758 mL
5 mM	0.2552 mL	1.2758 mL	2.5516 mL
10 mM	0.1276 mL	0.6379 mL	1.2758 mL
50 mM	0.0255 mL	0.1276 mL	0.2552 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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