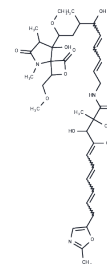


Curromycin A

Chemical Properties

CAS No. :	97412-76-5
Formula:	C ₃₈ H ₅₅ N ₃ O ₁₀
Molecular Weight:	713.857
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	Curromycin A exhibits antibacterial activity against Gram-positive bacteria such as <i>Bacillus subtilis</i> . Additionally, it can inhibit the replication of the human immunodeficiency virus (HIV) and suppresses the growth of mouse melanoma B16 and leukemia P388 cells.
Targets(IC50)	HIV Protease,Antibacterial,Antibiotic

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4008 mL	7.0042 mL	14.0083 mL
5 mM	0.2802 mL	1.4008 mL	2.8017 mL
10 mM	0.1401 mL	0.7004 mL	1.4008 mL
50 mM	0.028 mL	0.1401 mL	0.2802 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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