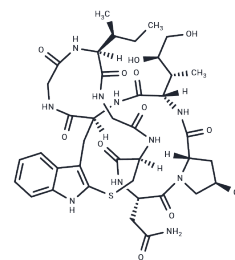


Dideoxy-amanitin

Chemical Properties

CAS No. :	58255-46-2
Formula:	C ₃₉ H ₅₄ N ₁₀ O ₁₂ S
Molecular Weight:	886.97
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	Dideoxy-amanitin (compound 2), a derivative of α -Amanitin, functions as a potent, selective allosteric inhibitor of RNA polymerase II, demonstrating an inhibition concentration (IC ₅₀) of 74.2 nM [1].
Targets(IC ₅₀)	ADC Cytotoxin, DNA/RNA Synthesis

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1274 mL	5.6372 mL	11.2743 mL
5 mM	0.2255 mL	1.1274 mL	2.2549 mL
10 mM	0.1127 mL	0.5637 mL	1.1274 mL
50 mM	0.0225 mL	0.1127 mL	0.2255 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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