

RNA polymerase II-IN-2

Chemical Properties

CAS No. :

Formula: C41H58N10O12S

Molecular Weight: 915.02

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	RNA polymerase II-IN-2 (compound 20iii), a potent inhibitor of RNA polymerase II (Pol II) with a K_i value of 9.5 nM, exhibits cytotoxicity against cancer cells, demonstrating toxicity levels 2 and 5 times higher than α -amanitin in CHO and HEK293 cells, respectively [1].
Targets(IC50)	Others,DNA/RNA Synthesis

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.0929 mL	5.4644 mL	10.9287 mL
5 mM	0.2186 mL	1.0929 mL	2.1857 mL
10 mM	0.1093 mL	0.5464 mL	1.0929 mL
50 mM	0.0219 mL	0.1093 mL	0.2186 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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