

Topoll/tubulin-IN-1

Chemical Properties

CAS No. :

Formula: C₂₁H₁₈ClN₅O₃

Molecular Weight: 423.85

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	Topoll/tubulin-IN-1 (Compound 1B8) is an inhibitor of Topoll/tubulin. It effectively suppresses the proliferation of tumor cells and reduces ROS levels, while inducing apoptosis and cell cycle arrest, without showing significant cytotoxicity to normal cells. Topoll/tubulin-IN-1 exhibits antitumor activity.
Targets(IC50)	Apoptosis,Reactive Oxygen Species,Microtubule Associated,ROS,Topoisomerase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3593 mL	11.7966 mL	23.5933 mL
5 mM	0.4719 mL	2.3593 mL	4.7187 mL
10 mM	0.2359 mL	1.1797 mL	2.3593 mL
50 mM	0.0472 mL	0.2359 mL	0.4719 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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