

Tubulin polymerization-IN-3

Chemical Properties

CAS No. :

Formula: C₂₀H₂₀ClN₅O₃

Molecular Weight: 413.86

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	Tubulin polymerization-IN-3 is a potent inhibitor of microtubulin polymerization (IC ₅₀ : 3.84 μM) and induces apoptosis in colon cancer cells.
Targets(IC ₅₀)	Apoptosis,Others,Microtubule Associated

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4163 mL	12.0814 mL	24.1628 mL
5 mM	0.4833 mL	2.4163 mL	4.8326 mL
10 mM	0.2416 mL	1.2081 mL	2.4163 mL
50 mM	0.0483 mL	0.2416 mL	0.4833 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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