

Tubulin inhibitor 34

Chemical Properties

CAS No. :

Formula: C₂₁H₂₂N₄O₃S

Molecular Weight: 410.49

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 Inhibitor 34 (compound b5), a potent anticancer agent, inhibits tubulin polymerization and induces G2/M arrest and apoptosis. The compound demonstrates significant antivasular and antitumor activity [1].
Targets(IC50)	Apoptosis,Others,Microtubule Associated

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4361 mL	12.1806 mL	24.3611 mL
5 mM	0.4872 mL	2.4361 mL	4.8722 mL
10 mM	0.2436 mL	1.2181 mL	2.4361 mL
50 mM	0.0487 mL	0.2436 mL	0.4872 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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