

Tubulin/AKT1-IN-1

Chemical Properties

CAS No. :

Formula: C₃₈H₃₄ClNO₁₁

Molecular Weight: 716.13

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/AKT1-IN-1 (Compound D1-1) is an inhibitor of tubulin polymerization and AKT pathway activation, suppressing proliferation and metastasis of H1975 cells while modestly inducing apoptosis. The compound is used in studying non-small-cell lung cancer (NSCLC) [1].
Targets(IC50)	Apoptosis,Akt,Microtubule Associated

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3964 mL	6.982 mL	13.9639 mL
5 mM	0.2793 mL	1.3964 mL	2.7928 mL
10 mM	0.1396 mL	0.6982 mL	1.3964 mL
50 mM	0.0279 mL	0.1396 mL	0.2793 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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