

Tubulin/MMP-IN-1

Chemical Properties

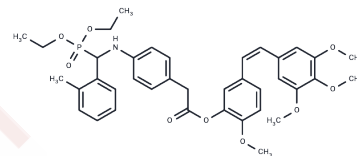
CAS No. :

Formula: C38H44NO9P

Molecular Weight: 689.73

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/MMP-IN-1, a potent inhibitor of both tubulin and MMP, holds promise for cancer research. It effectively suppresses tubulin polymerization, induces G2/M phase cell cycle arrest, and promotes reactive oxidative stress (ROS) generation in HepG2 cells, ultimately triggering apoptosis via the mitochondrial-dependent apoptotic pathway.
Targets(IC50)	MMP,Others,Microtubule Associated

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4498 mL	7.2492 mL	14.4984 mL
5 mM	0.290 mL	1.4498 mL	2.8997 mL
10 mM	0.145 mL	0.7249 mL	1.4498 mL
50 mM	0.029 mL	0.145 mL	0.290 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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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481