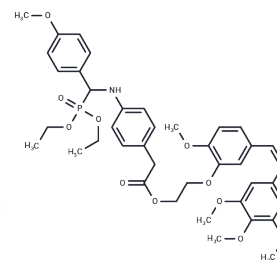


Tubulin/MMP-IN-2

Chemical Properties

CAS No. :	2734877-51-9
Formula:	C40H48NO11P
Molecular Weight:	749.78
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-2, a dual inhibitor of tubulin and matrix metalloproteinases (MMPs), effectively inhibits tubulin polymerization and induces cell apoptosis. It demonstrates inhibitory activities against MMP-2, MMP-3, and MMP-9, with IC50 values of 24.95 μM, 31.60 μM, and 22.37 μM, respectively. This compound is utilized in cancer research.
Targets(IC50)	Apoptosis, MMP, Others, Microtubule Associated

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3337 mL	6.6686 mL	13.3372 mL
5 mM	0.2667 mL	1.3337 mL	2.6674 mL
10 mM	0.1334 mL	0.6669 mL	1.3337 mL
50 mM	0.0267 mL	0.1334 mL	0.2667 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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