

Tubulin polymerization-IN-87

Chemical Properties

CAS No. :	2035931-43-0
Formula:	C ₂₀ H ₂₃ N ₀₆
Molecular Weight:	373.41
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>

Biological Description

Description	Tubulin polymerization-IN-87 (Compound 9) is a tubulin polymerization inhibitor. It can hinder tubulin polymerization and induce cell cycle arrest at the G2/M phase. Tubulin polymerization-IN-87 exhibits anti-tubulin and antiproliferative effects and shows anticancer activity against ovarian cancer.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.678 mL	13.3901 mL	26.7802 mL
5 mM	0.5356 mL	2.678 mL	5.356 mL
10 mM	0.2678 mL	1.339 mL	2.678 mL
50 mM	0.0536 mL	0.2678 mL	0.5356 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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