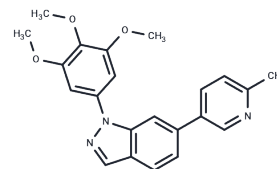


Tubulin polymerization-IN-56

Chemical Properties

CAS No. :	2966790-98-5
Formula:	C ₂₂ H ₂₂ ClN ₃ O ₃
Molecular Weight:	411.88
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 Polymerization-IN-56 (compound 8l), an indazole derivative, potently inhibits tubulin polymerization by targeting the colchicine site, which induces cell cycle arrest and apoptosis. Additionally, this compound diminishes cell migration and significantly inhibits tumor growth in vivo [1].
Targets(IC50)	Apoptosis,Others,Microtubule Associated

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4279 mL	12.1395 mL	24.2789 mL
5 mM	0.4856 mL	2.4279 mL	4.8558 mL
10 mM	0.2428 mL	1.2139 mL	2.4279 mL
50 mM	0.0486 mL	0.2428 mL	0.4856 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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