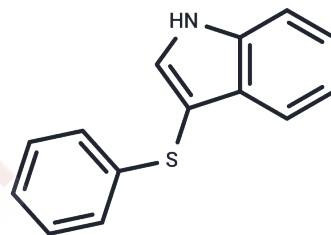


Tubulin polymerization-IN-74

Chemical Properties

CAS No. :	54491-43-9
Formula:	C ₁₄ H ₁₁ NS
Molecular Weight:	225.309
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-74 (compound 11) is an inhibitor of tubulin polymerization, with an IC ₅₀ value of 15 μM. It is applicable to cancer research.
Targets(IC ₅₀)	Microtubule Associated

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.4383 mL	22.1916 mL	44.3833 mL
5 mM	0.8877 mL	4.4383 mL	8.8767 mL
10 mM	0.4438 mL	2.2192 mL	4.4383 mL
50 mM	0.0888 mL	0.4438 mL	0.8877 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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