

Ohchinolide B

Chemical Properties

CAS No. :	71902-49-3
Formula:	C ₃₅ H ₄₄ O ₁₀
Molecular Weight:	624.73
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	Ohchinolide B is a tubulin inhibitor that impedes microtubule polymerization with an IC ₅₀ of 2.3 μM. It induces G ₂ /M phase cell cycle arrest through the mitochondrial apoptosis pathway. Ohchinolide B holds promise for research in solid tumors, including breast cancer and lung cancer.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6007 mL	8.0035 mL	16.0069 mL
5 mM	0.3201 mL	1.6007 mL	3.2014 mL
10 mM	0.1601 mL	0.8003 mL	1.6007 mL
50 mM	0.032 mL	0.1601 mL	0.3201 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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