

Moroidin

Chemical Properties

CAS No. :	104041-75-0
Formula:	C ₄₇ H ₆₆ N ₁₄ O ₁₀
Molecular Weight:	987.11
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year

Biological Description

Description	Moroidin, a bicyclic octapeptide from the Urticaceae-type cyclopeptide family, acts as a tubulin polymerization inhibitor, demonstrating significant effects on purified tubulin polymerization. It exhibits cytotoxicity against various cancer cell lines and induces apoptosis in A549 human lung cancer cells [1].
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.0131 mL	5.0653 mL	10.1306 mL
5 mM	0.2026 mL	1.0131 mL	2.0261 mL
10 mM	0.1013 mL	0.5065 mL	1.0131 mL
50 mM	0.0203 mL	0.1013 mL	0.2026 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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