

Bacilotetrin C analogue

Chemical Properties

CAS No. :

Formula: C44H76N6O10

Molecular Weight: 849.11

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	Bacilotetrin C analogue is a variant of Bacilotetrin C. It exhibits cytotoxicity against the triple-negative breast cancer cell line MDA-MB-231, with an IC50 of 0.48 μ M. This compound induces autophagy (autophagy) in tumor cells and possesses antitumor activity.
Targets(IC50)	Autophagy

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1777 mL	5.8885 mL	11.777 mL
5 mM	0.2355 mL	1.1777 mL	2.3554 mL
10 mM	0.1178 mL	0.5889 mL	1.1777 mL
50 mM	0.0236 mL	0.1178 mL	0.2355 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.

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