

LVTX-8

Chemical Properties

CAS No. : 2197957-07-4

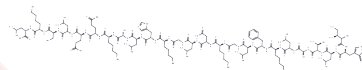
Formula: C135H226N36O31

Molecular Weight: 2849.46

Keep away from moisture

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	LVTX-8 is a peptide toxin extracted from <i>Lycosa vittata</i> . It exhibits potent anticancer and antimetastatic effects against lung cancer, with strong cytotoxicity. LVTX-8 significantly induces apoptosis via the P53 hypoxia pathway and integrin signaling, inhibiting proliferation, invasion, and migration of lung cancer cells. It markedly suppresses tumor growth and metastasis in A549/H460 xenograft mouse models.
Targets(IC50)	Apoptosis,Integrin,MDM-2/p53

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.3509 mL	1.7547 mL	3.5094 mL
5 mM	0.0702 mL	0.3509 mL	0.7019 mL
10 mM	0.0351 mL	0.1755 mL	0.3509 mL
50 mM	0.007 mL	0.0351 mL	0.0702 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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