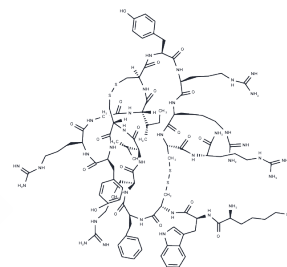


Tachyplesin I

Chemical Properties

CAS No. :	118231-04-2
Formula:	C99H151N35O19S4
Molecular Weight:	2263.74
Storage:	Keep away from moisture 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	Tachyplesin I, a β -hairpin antimicrobial peptide with 17 amino acid residues, demonstrates cytotoxicity against a range of human tumor cell lines, primarily by compromising the outer cell membrane [1].
Targets(IC50)	Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.4417 mL	2.2087 mL	4.4175 mL
5 mM	0.0883 mL	0.4417 mL	0.8835 mL
10 mM	0.0442 mL	0.2209 mL	0.4417 mL
50 mM	0.0088 mL	0.0442 mL	0.0883 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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