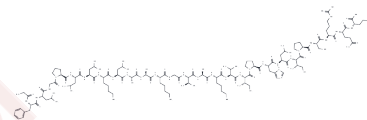


XT-1

Chemical Properties

CAS No. : 398143-78-7
Formula: C134H227N37O31
Molecular Weight: 2852.47
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	XT-1, an antimicrobial peptide sourced from <i>Xenopus tropicalis</i> skin secretions, exhibits potent activity against <i>S. aureus</i> , <i>E. coli</i> , and <i>C. albicans</i> , with minimum inhibitory concentration (MIC) values of 5, 6, and 50 μ M, respectively [1].
Targets(IC50)	Others,Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.3506 mL	1.7529 mL	3.5057 mL
5 mM	0.0701 mL	0.3506 mL	0.7011 mL
10 mM	0.0351 mL	0.1753 mL	0.3506 mL
50 mM	0.007 mL	0.0351 mL	0.0701 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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