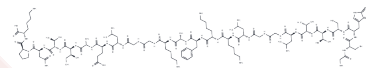


## XT-2 peptide

## Chemical Properties

CAS No. :	1235883-67-6
Formula:	C118H193N31O31S
Molecular Weight:	2574.05
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-2 peptide, an antimicrobial agent sourced from the skin secretions of <i>Xenopus tropicalis</i> , exhibits potent activity against <i>E. coli</i> , with a minimum inhibitory concentration (MIC) of 8 $\mu$ M [1].
Targets(IC50)	Others,Antibacterial

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.3885 mL	1.9425 mL	3.8849 mL
5 mM	0.0777 mL	0.3885 mL	0.777 mL
10 mM	0.0388 mL	0.1942 mL	0.3885 mL
50 mM	0.0078 mL	0.0388 mL	0.0777 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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