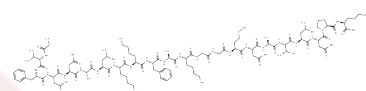


XT-4

Chemical Properties

CAS No. : 398143-81-2
Formula: C107H176N28O27S
Molecular Weight: 2318.78
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-4, an antimicrobial peptide originating from the skin secretions of <i>Xenopus tropicalis</i> , exhibits potent activity against <i>E. coli</i> , with a minimum inhibitory concentration (MIC) valued at 18 μ M [1].
Targets(IC50)	Others,Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.4313 mL	2.1563 mL	4.3126 mL
5 mM	0.0863 mL	0.4313 mL	0.8625 mL
10 mM	0.0431 mL	0.2156 mL	0.4313 mL
50 mM	0.0086 mL	0.0431 mL	0.0863 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481