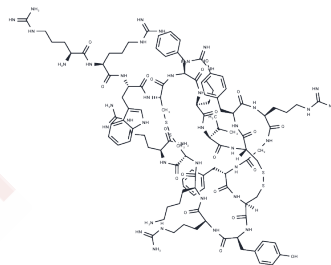


Polyphemusin I

Chemical Properties

CAS No. :	125139-67-5
Formula:	C108H161N39O20S4
Molecular Weight:	2453.94
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	Polyphemusin I, an amphiphilic antiparallel β -hairpin peptide stabilized by two disulfide bridges, comprises 18 amino acids and exhibits potent antimicrobial activity against both Gram-negative and Gram-positive bacteria [1].
Targets(IC50)	Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.4075 mL	2.0375 mL	4.0751 mL
5 mM	0.0815 mL	0.4075 mL	0.815 mL
10 mM	0.0408 mL	0.2038 mL	0.4075 mL
50 mM	0.0082 mL	0.0408 mL	0.0815 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