

Cys-Pexiganan TFA

Chemical Properties

CAS No. :

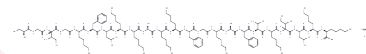
Formula: C125H215N33O23S.XCF3COOH

Molecular Weight: 2580.30

Keep away from moisture

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	Cys-pexiganan, a derivative of pexiganan with an added N-terminal cysteine, is an antimicrobial peptide effective against <i>P. aeruginosa</i> and <i>S. aureus</i> , with minimum inhibitory concentrations (MICs) of 64 and 16 µg/ml, respectively. Its conjugation to cellulose acetate-incorporated polyvinyl alcohol electrospun mats enhances the clotting of isolated recalcified human plasma.
Targets(IC50)	Antibacterial

Solubility Information

Solubility	H2O: soluble (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.3876 mL	1.9378 mL	3.8755 mL
5 mM	0.0775 mL	0.3876 mL	0.7751 mL
10 mM	0.0388 mL	0.1938 mL	0.3876 mL
50 mM	0.0078 mL	0.0388 mL	0.0775 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

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