

SAAP 148 TFA

Chemical Properties

CAS No. :

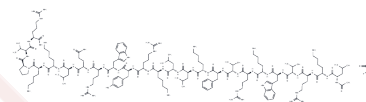
Formula: C157H261N49O27.XCF3COOH

Molecular Weight: 3267.10

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	SAAP 148, an antimicrobial peptide, effectively combats various multidrug-resistant bacteria in vitro and, in vivo, reduces skin colony-forming units (CFUs) in mouse models of <i>A. baumannii</i> or methicillin-resistant <i>S. aureus</i> (MRSA) infections at concentrations ranging from 0.125-2% w/w.
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	0.3061 mL	1.5304 mL	3.0608 mL
5 mM	0.0612 mL	0.3061 mL	0.6122 mL
10 mM	0.0306 mL	0.153 mL	0.3061 mL
50 mM	0.0061 mL	0.0306 mL	0.0612 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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