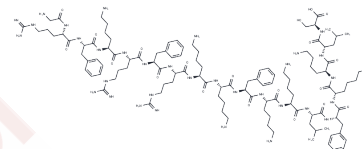


BMAP-18

Chemical Properties

CAS No. :	1245798-31-5
Formula:	C113H188N34O20
Molecular Weight:	2342.92
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	BMAP-18 is a biologically active peptide, a truncated derivative of BMAP-27, which is part of the Cathelicidin family of peptides known for their potent bactericidal properties against pathogens such as Staphylococcus aureus, Streptococcus uberis, and Escherichia coli. Unlike the full-length BMAP-27, which can be cytotoxic to human erythrocytes and neutrophils at concentrations higher than required for its antimicrobial effect, BMAP-18 offers increased cell selectivity due to its reduced hemolytic activity while maintaining effective antimicrobial function.
Targets(IC50)	Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.4268 mL	2.1341 mL	4.2682 mL
5 mM	0.0854 mL	0.4268 mL	0.8536 mL
10 mM	0.0427 mL	0.2134 mL	0.4268 mL
50 mM	0.0085 mL	0.0427 mL	0.0854 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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