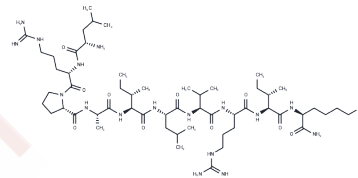


Balteatide

Chemical Properties

CAS No. :	1630816-52-2
Formula:	C55H104N18O10
Molecular Weight:	1177.53
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	Balteatide is an antimicrobial peptide found in the skin secretions of Phyllomedusa baltea. It inhibits Gram-positive bacteria Staphylococcus aureus (MIC=435 µM), Gram-negative bacteria Escherichia coli (MIC=109 µM), and Candida albicans (MIC=27 µM). Balteatide lacks hemolytic activity (512 mg/L) and myotropic activity.
Targets(IC50)	Antibacterial, Antifungal

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.8492 mL	4.2462 mL	8.4924 mL
5 mM	0.1698 mL	0.8492 mL	1.6985 mL
10 mM	0.0849 mL	0.4246 mL	0.8492 mL
50 mM	0.017 mL	0.0849 mL	0.1698 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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