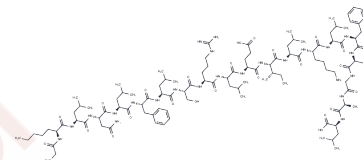


Pelteobagrin

Chemical Properties

CAS No. :	1314639-41-2
Formula:	C108H182N26O25
Molecular Weight:	2244.76
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	Pelteobagrin is a broad-spectrum antimicrobial peptide targeting Gram-positive bacteria, Gram-negative bacteria, and fungi (MIC=2-16 µg/mL). It exerts its bactericidal effects by non-competitively disrupting the integrity of cell walls and cytoplasmic membranes. Pelteobagrin holds promise for use in infectious disease research.
Targets(IC50)	Antibacterial,Antifungal

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.4455 mL	2.2274 mL	4.4548 mL
5 mM	0.0891 mL	0.4455 mL	0.891 mL
10 mM	0.0445 mL	0.2227 mL	0.4455 mL
50 mM	0.0089 mL	0.0445 mL	0.0891 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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