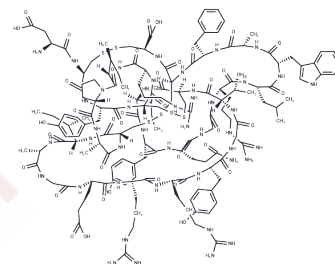


Defensin HNP-3 human

Chemical Properties

CAS No. :	136661-76-2
Formula:	C151H222N44O40S6
Molecular Weight:	3486.04
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	Defensin HNP-3 human, a cytotoxic antibiotic peptide referred to as "defensin," exhibits inhibitory effects on Staphylococcus aureus, Pseudomonas aeruginosa, and Escherichia coli. This compound is first synthesized as a 94 amino acid chain known as preproHNP (1-94), then cleaved to proHNP(20-94), and finally matures into HNP(65-94) following the excision of anionic precursors [1] [2].
Targets(IC50)	Antibacterial, Antibiotic, Antifungal

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.2869 mL	1.4343 mL	2.8686 mL
5 mM	0.0574 mL	0.2869 mL	0.5737 mL
10 mM	0.0287 mL	0.1434 mL	0.2869 mL
50 mM	0.0057 mL	0.0287 mL	0.0574 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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