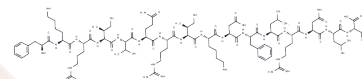


LL-37(17-32)

Chemical Properties

CAS No. : 717919-61-4
Formula: C₉₅H₁₆₁N₂₉O₂₁
Molecular Weight: 2045.48
Storage: Keep away from moisture
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	LL-37(17-32) is a biologically active peptide fragment derived from the C-terminal domain of human cathelicidin antimicrobial peptide. This segment reverses ABCG2-mediated multidrug resistance in cancer cell lines, highlighting its potential therapeutic role against drug resistance.
Targets(IC50)	Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.4889 mL	2.4444 mL	4.8888 mL
5 mM	0.0978 mL	0.4889 mL	0.9778 mL
10 mM	0.0489 mL	0.2444 mL	0.4889 mL
50 mM	0.0098 mL	0.0489 mL	0.0978 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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