

Citrullinated LL-37 4cit

Chemical Properties

CAS No. :

Formula: C205H336N56O57

Molecular Weight: 4497.2

Keep away from moisture

Storage: 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	Citrullinated LL-37 3cit, a modified form of the LL-37 peptide, exhibits no antiviral activity at a concentration of 10 µg/mL while maintaining partial efficacy against HRV at 30 µg/mL. Furthermore, this citrullinated variant demonstrates diminished immunomodulatory properties compared to the native LL-37 and a moderate reduction in its capacity to decrease HRV-induced CCL5 secretion [1].
Targets(IC50)	Virus Protease

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.2224 mL	1.1118 mL	2.2236 mL
5 mM	0.0445 mL	0.2224 mL	0.4447 mL
10 mM	0.0222 mL	0.1112 mL	0.2224 mL
50 mM	0.0044 mL	0.0222 mL	0.0445 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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