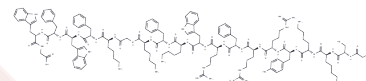


Pep19-2.5

Chemical Properties

CAS No. :	1322711-38-5
Formula:	C135H187N37O22S
Molecular Weight:	2712.23
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	Pep19-2.5, a synthetic antitoxin peptide, inhibits the intracellular signaling cascade triggered by endotoxins by blocking the activity of lipopeptides (LP) and lipopolysaccharides (LPS) mediated through both transmembrane and cytosolic pattern recognition receptors (PRRs). This action disrupts the signaling pathways that normally result in inflammation and cell pyroptosis [1].
Targets(IC50)	Pyroptosis

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.3687 mL	1.8435 mL	3.687 mL
5 mM	0.0737 mL	0.3687 mL	0.7374 mL
10 mM	0.0369 mL	0.1844 mL	0.3687 mL
50 mM	0.0074 mL	0.0369 mL	0.0737 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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