

LS-BF1

Chemical Properties

CAS No. :	2892148-58-0
Formula:	C107H166N28O15
Molecular Weight:	2084.64
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	LS-BF1, a stable and low-toxicity cationic antimicrobial peptide, exhibits broad-spectrum antibacterial activity that encompasses the notorious ESKAPE pathogens through a cell membrane disruption mechanism. The compound demonstrates effective in vivo bacterial elimination in a mouse infection model[1].
Targets(IC50)	Others,Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.4797 mL	2.3985 mL	4.797 mL
5 mM	0.0959 mL	0.4797 mL	0.9594 mL
10 mM	0.048 mL	0.2398 mL	0.4797 mL
50 mM	0.0096 mL	0.048 mL	0.0959 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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