

TLN-58

Chemical Properties

CAS No. :

Formula: C305H498N92O86S

Molecular Weight: 6861.85

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	TLN-58, an antimicrobial peptide, exhibits antibacterial activity against <i>S. aureus</i> , <i>S. epidermidis</i> , and group A <i>Streptococcus</i> . It also promotes the upregulation of inflammatory cytokine mRNAs in normal human keratinocytes and NCL-SG3 cells [1].
Targets(IC50)	Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.1457 mL	0.7287 mL	1.4573 mL
5 mM	0.0291 mL	0.1457 mL	0.2915 mL
10 mM	0.0146 mL	0.0729 mL	0.1457 mL
50 mM	0.0029 mL	0.0146 mL	0.0291 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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