

## ROAD-1

## Chemical Properties

CAS No. :

Formula: C145H245N61O44S6

Molecular Weight: 3739.27

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	ROAD-1, a Rhesus Macaque oral mucosal $\alpha$ -defensin, exhibits antimicrobial activity against <i>S. aureus</i> , <i>E. coli</i> , and <i>C. albicans</i> [1].
Targets(IC50)	Antibacterial

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.2674 mL	1.3372 mL	2.6743 mL
5 mM	0.0535 mL	0.2674 mL	0.5349 mL
10 mM	0.0267 mL	0.1337 mL	0.2674 mL
50 mM	0.0053 mL	0.0267 mL	0.0535 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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