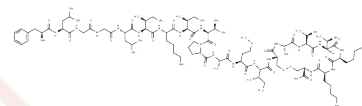


Ranalexin

Chemical Properties

CAS No. :	155761-99-2
Formula:	C97H167N23O22S3
Molecular Weight:	2103.7
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	Ranalexin, an antimicrobial peptide, demonstrates inhibition of <i>S. aureus</i> , <i>E. coli</i> , and <i>P. aeruginosa</i> , with respective minimum inhibitory concentrations (MICs) of 4, 32, and 128 µg/mL [1].
Targets(IC50)	Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.4754 mL	2.3768 mL	4.7535 mL
5 mM	0.0951 mL	0.4754 mL	0.9507 mL
10 mM	0.0475 mL	0.2377 mL	0.4754 mL
50 mM	0.0095 mL	0.0475 mL	0.0951 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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