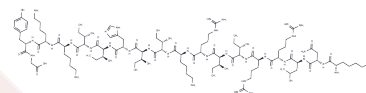


OV-1, sheep

Chemical Properties

CAS No. : 326855-45-2
Formula: C105H188N34O21
Molecular Weight: 2262.83
Storage: Keep away from moisture
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	This alpha-helical antimicrobial OV-1 ovispirin peptide derived from SMAP29 peptide. It was found to inhibit several antibiotic-resistant bacterial strains including mucoid and nonmucoid <i>Pseudomonas aeruginosa</i> .
Targets(IC50)	Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.4419 mL	2.2096 mL	4.4192 mL
5 mM	0.0884 mL	0.4419 mL	0.8838 mL
10 mM	0.0442 mL	0.221 mL	0.4419 mL
50 mM	0.0088 mL	0.0442 mL	0.0884 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.

Reference

Saiman L, et al. Cathelicidin peptides inhibit multiply antibiotic-resistant pathogens from patients with cystic fibrosis. *Antimicrob Agents Chemother.* 2001 Oct;45(10):2838-44.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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