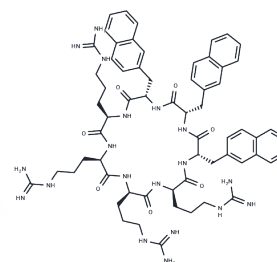


c[Arg-Arg-Arg-Arg-Nal-Nal-Nal]

Chemical Properties

CAS No. :	2619854-01-0
Formula:	C63H81N19O7
Molecular Weight:	1216.44
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	Compound 9C [c[Arg-Arg-Arg-Arg-Nal-Nal-Nal]] demonstrates broad-spectrum efficacy against drug-resistant Gram-positive and Gram-negative bacteria. It exhibits minimum inhibitory concentrations (MICs) of 3.1 µg/mL for MRSA (ATCC BAA-1556), 3.1 µg/mL for S. aureus (ATCC 29213), 12.5 µg/mL for P. aeruginosa (ATCC 27883), and 25 µg/mL for E. coli (ATCC 25922) [1].
Targets(IC50)	Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.8221 mL	4.1104 mL	8.2207 mL
5 mM	0.1644 mL	0.8221 mL	1.6441 mL
10 mM	0.0822 mL	0.411 mL	0.8221 mL
50 mM	0.0164 mL	0.0822 mL	0.1644 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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