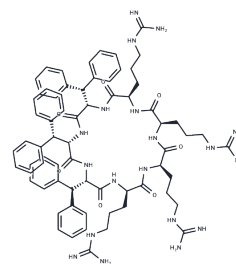


c[Arg-Arg-Arg-Arg-Dip-Dip-Dip]

Chemical Properties

CAS No. : 2619853-87-9
 Formula: C₆₉H₈₇N₁₉O₇
 Molecular Weight: 1294.55
 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	Compound 8C (c[Arg-Arg-Arg-Arg-Dip-Dip-Dip]) demonstrates broad-spectrum efficacy against drug-resistant Gram-positive and Gram-negative bacteria. Specifically, it exhibits minimum inhibitory concentrations (MICs) of 3.1 µg/mL for MRSA (ATCC BAA-1556), 3.1 µg/mL for <i>S. aureus</i> (ATCC 29213), 12.5 µg/mL for <i>P. aeruginosa</i> (ATCC 27883), and 12.5 µg/mL for <i>E. coli</i> (ATCC 25922) [1].
Targets(IC50)	Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.7725 mL	3.8623 mL	7.7247 mL
5 mM	0.1545 mL	0.7725 mL	1.5449 mL
10 mM	0.0772 mL	0.3862 mL	0.7725 mL
50 mM	0.0154 mL	0.0772 mL	0.1545 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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