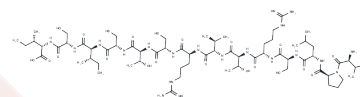


P1

## Chemical Properties

CAS No. : 675123-75-8  
Formula: C<sub>65</sub>H<sub>118</sub>N<sub>20</sub>O<sub>19</sub>S<sub>2</sub>  
Molecular Weight: 1547.89  
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	P1 is a broad-spectrum antimicrobial peptide effective against both Gram-positive and Gram-negative bacteria, including B. anthracis spores and Carbapenem-resistant strains of A. baumannii and K. pneumoniae [1].
Targets(IC50)	Antibacterial

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.646 mL	3.2302 mL	6.4604 mL
5 mM	0.1292 mL	0.646 mL	1.2921 mL
10 mM	0.0646 mL	0.323 mL	0.646 mL
50 mM	0.0129 mL	0.0646 mL	0.1292 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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