

P1

Cat. No.:	HY-P5691
CAS No.:	675123-75-8
Molecular Formula:	C ₆₅ H ₁₁₈ N ₂₀ O ₁₉ S ₂
Molecular Weight:	1547.89
Sequence:	Val-Pro-Leu-Ser-Arg-Thr-Val-Arg-Cys-Thr-Cys-Ile-Ser-Ile
Sequence Shortening:	VPLSRTVRCTCISI
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description

P1 is a broad-spectrum antimicrobial peptide. P1 shows antibacterial activity against Gram-positive and Gram-negative bacteria, such as *B. anthracis* spores and Carbapenem-resistant *A. baumannii* and *K. pneumoniae*^[1].

REFERENCES

[1]. Crawford MA, et al. Disparate Regions of the Human Chemokine CXCL10 Exhibit Broad-Spectrum Antimicrobial Activity against Biodefense and Antibiotic-Resistant Bacterial Pathogens. *ACS Infect Dis.* 2023 Jan 13;9(1):122-139.

Caution: Product has not been fully validated for medical applications. For research use only.

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