

cPcAMP1/26

Cat. No.:	HY-P5553
Molecular Formula:	C ₁₆₄ H ₂₃₉ N ₃₃ O ₃₀
Molecular Weight:	3152.86
Sequence:	Pro-Pro-His-Lys-Lys-Lys-Leu-Ala-Val-Tyr-Pro-Val-Phe-Leu-Phe-Tyr-Leu-Phe-Leu-Ser-T rp-Phe-Ser-Leu-Ile-Val-NH ₂
Sequence Shortening:	PPHKKLAVYPVFLFYLFSLV-NH ₂
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description

cPcAMP1/26 is an antimicrobial peptide. cPcAMP1/26 effectively kills *A. hydrophila* and *S. aureus*. cPcAMP1/26 induces depolarization of the bacterial plasma membrane, and increases intracellular ROS levels^[1].

REFERENCES

[1]. Cui P, et al. Identification and functional characterization of an uncharacterized antimicrobial peptide from a ciliate *Paramecium caudatum*. *Dev Comp Immunol*. 2016 Jul;60:53-65.

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

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