

The K4 peptide

Cat. No.:	HY-P5600
CAS No.:	1163064-86-5
Molecular Formula:	C ₈₇ H ₁₃₂ N ₁₈ O ₁₅
Molecular Weight:	1670.09
Sequence:	Lys-Lys-Lys-Lys-Pro-Leu-Phe-Gly-Leu-Phe-Phe-Gly-Leu-Phe
Sequence Shortening:	KKKKPLFGLFFGLF
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description

The K4 peptide is an antimicrobial peptide with strong activity against Gram-positive and Gram-negative bacteria, including human pathogenic bacteria, such as *Staphylococcus aureus* and Marine *Vibrio* bacteria^[1].

REFERENCES

[1]. Duval E, et al. KKKKPLFGLFFGLF: a cationic peptide designed to exert antibacterial activity. *Peptides*. 2009 Sep;30(9):1608-12.

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

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