

AMPR-22

Cat. No.:	HY-P5949
CAS No.:	2569135-98-2
Molecular Formula:	C ₉₈ H ₁₆₈ N ₂₈ O ₂₂ S ₃
Molecular Weight:	2186.75
Sequence:	Lys-Lys-Met-Met-Lys-Lys-Gly-Gly-Lys-Phe-Gly-Thr-Phe-Met-Ala-Ile-Gly-Gly-Ile-Arg
Sequence Shortening:	KKMMKKGKFGTFMAIGGIR
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description	AMPR-22 is an antimicrobial peptide. AMPR-22 can bind to the bacterial membrane and induces membrane permeabilization. AMPR-22 is effective against murine model of sepsis induced by MDR strains ^[1]
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REFERENCES

[1]. Kim H, et al. Identification of Bacterial Membrane Selectivity of Romo1-Derived Antimicrobial Peptide AMPR-22 via Molecular Dynamics. Int J Mol Sci. 2022 Jul 3;23(13):7404.

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

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