

Lynronne-3

Cat. No.:	HY-P5547
Molecular Formula:	C ₁₁₉ H ₁₈₇ N ₄₃ O ₂₅ S
Molecular Weight:	2652.1
Sequence:	Asn-Arg-Phe-Thr-Ala-Arg-Phe-Arg-Arg-Thr-Pro-Trp-Arg-Leu-Cys-Leu-Gln-Phe-Arg-Gln-NH ₂
Sequence Shortening:	NRFTARFRTPWRLCLQFRQ-NH ₂
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description

Lynronne-3 is an antimicrobial peptide. Lynronne-1 is active against Gram-positive bacteria, including MDR strains (MIC: 32-128 µg/mL for methicillin-resistant MRSA strains). Lynronne-3 is also effective against *P. aeruginosa* infection^[1]

REFERENCES

[1]. Oyama LB, et al. The rumen microbiome: an underexplored resource for novel antimicrobial discovery. NPJ Biofilms Microbiomes. 2017 Dec 1;3:33.

[2]. Mulkern AJ, et al. Microbiome-derived antimicrobial peptides offer therapeutic solutions for the treatment of *Pseudomonas aeruginosa* infections. NPJ Biofilms Microbiomes. 2022 Aug 29;8(1):70.

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

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