

Bac7(1-35)

Cat. No.:	HY-P5731
Molecular Formula:	C ₁₉₆ H ₃₂₂ N ₆₈ O ₃₆
Molecular Weight:	4207.09
Sequence:	Arg-Arg-Ile-Arg-Pro-Arg-Pro-Pro-Arg-Leu-Pro-Arg-Pro-Arg-Pro-Arg-Pro-Leu-Pro-Phe-Pro-Arg-Pro-Gly-Pro-Arg-Pro-Ile-Pro-Arg-Pro-Leu-Pro-Phe-Pro
Sequence Shortening:	RRIRPRPRLPRPRRPLPFPRPGPRPIRPLPFP
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description

Bac7(1-35) is a proline-rich antimicrobial peptide, selective for Gram-negative bacteria, which acts intracellularly after membrane translocation^[1].

REFERENCES

[1]. Guida F, et al. Effect of size and N-terminal residue characteristics on bacterial cell penetration and antibacterial activity of the proline-rich peptide Bac7. *J Med Chem.* 2015 Feb 12;58(3):1195-204.

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

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