

BMAP-18

Cat. No.:	HY-P5446
CAS No.:	1245798-31-5
Molecular Formula:	C ₁₁₃ H ₁₈₈ N ₃₄ O ₂₀
Molecular Weight:	2342.92
Sequence:	Gly-Arg-Phe-Lys-Arg-Phe-Arg-Lys-Lys-Phe-Lys-Lys-Leu-Phe-Lys-Lys-Leu-Ser
Sequence Shortening:	GRFKRFRKKFKKLFKKLS
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description

BMAP-18 is a biological active peptide. (BMAP-18 is a truncated form of the antimicrobial peptide BMAP-27. Bovine myeloid antimicrobial peptide-27 (BMAP-27) belongs to the Cathelicidin family of peptides which displays rapid bactericidal activity against Staphylococcus aureus, Streptococcus uberis, and Escherichia coli. BMAP-27 is cytotoxic to human erythrocytes and neutrophils, although at higher than microbicidal concentrations. BMAP-18 displays much higher cell selectivity as compared to parental BMAP-27 because of its decreased hemolytic activity and retained antimicrobial activity.)

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

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