

SMAP-18

Cat. No.:	HY-P5484
CAS No.:	1629248-30-1
Molecular Formula:	C ₉₃ H ₁₆₅ N ₃₅ O ₁₈
Molecular Weight:	2061.53
Sequence:	Arg-Gly-Leu-Arg-Arg-Leu-Gly-Arg-Lys-Ile-Ala-His-Gly-Val-Lys-Lys-Tyr-Gly-NH ₂
Sequence Shortening:	RGLRRLGRKIAHGKVKYG-NH ₂
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description

SMAP-18 is a biological active peptide. (SMAP-18 is a 18-amino acid residue peptide amide which is a truncated form of SMAP-29. Sheep myeloid antimicrobial peptide-29 (SMAP-29) displays extremely high antimicrobial activity against Pseudomonas strains, other Gram-negative bacteria, and multidrug-resistant pathogens. SMAP-18 displays much higher cell selectivity as compared to parental SMAP-29 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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