

SMAP 29, Sheep Myeloid Antimicrobial Peptide 29

Product Code: 1219-005

**Innopep
Peptide
Product**

Price: \$152.00

Short Description

RGLRRLGRKIAHGVKKYGPTVLRIIRIAG

Description

Overview

Description

This 29 amino acid sheep myeloid antimicrobial peptide 29 (SMAP 29) displays extremely high antimicrobial activity against *Pseudomonas* strains, other gram-negative bacteria, and multidrug-resistant pathogens. SMAP 29 is a broad-spectrum antibiotic cathelicidin, it is active in both low- and high-ionic-strength conditions, and induces significant morphological alterations in bacterial surfaces.

Sequence

Sequence (3 Letter)

RGLRRLGRKIAHGVKKYGPTVLRIIRIAG

H-Arg-Gly-Leu-Arg-Arg-Leu-Gly-Arg-Lys-Ile-Ala-His-Gly-Val-Lys-Lys-Tyr-Gly-Pro-Thr-Val-Leu-Arg-Ile-Ile-Arg-Ile-Ala-Gly-OH

Molecular Weight

3256

Properties

Purity

> 95% By HPLC

Storage

Store at -20 °C, cap vial tightly at all times.

References

Saiman, L. et al. Antimicrob. Ag. Chemother. 45, 2838 (2001).