

PP13

Cat. No.:	HY-P5560
CAS No.:	1099486-04-0
Molecular Formula:	C ₁₂₁ H ₁₉₇ N ₃₉ O ₂₉
Molecular Weight:	2662.1
Sequence:	Gly-Ala-Ala-Arg-Lys-Ser-Ile-Arg-Leu-His-Arg-Leu-Tyr-Thr-Trp-Lys-Ala-Thr-Ile-Tyr-Thr-Arg
Sequence Shortening:	GAARKSIRLHRLYTWKATYTR
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description

PP13 is an antimicrobial peptide, and is active against Gram-negative and Gram-positive bacteria E.coli (MIC: 16.7 uM), B. subtilis (MIC: 13.3 uM), S. aureus (MIC: 23.3 uM), S. lutea (MIC: 8.0 uM), and B. pumilu (MIC: 9.0 uM)^[1].

REFERENCES

[1]. Shen X, et al. Novel antimicrobial peptides identified from an endoparasitic wasp cDNA library. J Pept Sci. 2010 Jan;16(1):58-64.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA