

PP113

Cat. No.:	HY-P5563
Molecular Formula:	C ₂₂₉ H ₃₅₅ N ₇₁ O ₅₉
Molecular Weight:	5046.71
Sequence:	Gly-Lys-Trp-Gly-Trp-Ile-Tyr-Ile-Thr-Ile-Leu-Phe-Ala-Asp-Val-Gly-Gly-Phe-Lys-Ser-Ser-Arg-His-Pro-Glu-Glu-Arg-Arg-Val-Gln-Glu-Arg-Arg-Phe-Lys-Arg-Ile-Thr-Arg-Gly-Pro-Asp
Sequence Shortening:	GKWGWYITILFADVGGFKSSRHPEERRVQERRFKRITRGPD
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description

PP113 is an antimicrobial peptide is active against Gram-negative and Gram-positive bacteria, E.coli (MIC: 73.3 uM), B. subtilis (MIC: 23.3 uM), S. aureus (MIC: 13 uM), S. lutea (MIC: 16.7 uM), and B. pumilu (MIC: 23.3 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.

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