

Abaecin

Cat. No.:	HY-P5714
CAS No.:	123997-18-2
Molecular Formula:	C ₁₈₇ H ₂₇₀ N ₄₈ O ₄₃
Molecular Weight:	3878.44
Sequence:	Tyr-Val-Pro-Leu-Pro-Asn-Val-Pro-Gln-Pro-Gly-Arg-Arg-Pro-Phe-Pro-Thr-Phe-Pro-Gly-G In-Gly-Pro-Phe-Asn-Pro-Lys-Ile-Lys-Trp-Pro-Gln-Gly-Tyr
Sequence Shortening:	YVPLPNVPQGRRPFPPTFPGQGPFNPKIKWPQGY
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description

Abaecin is an antibacterial response peptide. Abaecin shows specific activity against an Apidaecin-resistant Xanthomonas strain^[1].

REFERENCES

[1]. Casteels P, et, al. Isolation and characterization of abaecin, a major antibacterial response peptide in the honeybee (*Apis mellifera*). Eur J Biochem. 1990 Jan 26;187(2):381-6.

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

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