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Produktinformation



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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Macropin

Cat. No.:	HY-P10547
CAS No.:	1382853-39-5
Molecular Formula:	C ₆₈ H ₁₂₁ N ₁₇ O ₁₃ S
Molecular Weight:	1416.86
Sequence:	Gly-Phe-Gly-Met-Ala-Leu-Lys-Leu-Leu-Lys-Lys-Val-Leu-NH ₂
Sequence Shortening:	GFGMALKLLKKVL-NH ₂
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description

Macropin (MAC-1 peptide) is an antimicrobial peptide found in the venom of the solitary bee *Macropis fulvipes*. Macropin has antibacterial activity against both Gram-positive and Gram-negative bacteria, and also exhibits inhibitory activity against fungi and moderate hemolytic activity against human erythrocytes. Macropin can be used in research on anti-infective therapy^[1].

REFERENCES

[1]. Monincová L, et al. Structure-activity study of macropin, a novel antimicrobial peptide from the venom of solitary bee *Macropis fulvipes* (Hymenoptera: Melittidae)[J]. *Journal of Peptide Science*, 2014, 20(6): 375-384.

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

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