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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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AcrAP1

Cat. No.:	HY-P10513
Molecular Formula:	C ₉₇ H ₁₅₀ N ₂₂ O ₂₁
Molecular Weight:	1960.36
Sequence:	Phe-Leu-Phe-Ser-Leu-Ile-Pro-His-Ala-Ile-Ser-Gly-Leu-Ile-Ser-Ala-Phe-Lys-NH ₂
Sequence Shortening:	FLFSLIPHAISGLISAFK-NH ₂
Target:	Bacterial; Fungal; Apoptosis
Pathway:	Anti-infection; Apoptosis
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description

AcrAP1 (AP1-Z1) is an antimicrobial peptide found in the venom of the Arabian scorpion (*Androctonus crassicauda*). AcrAP1 has antimicrobial activity and can inhibit the growth of Gram-positive and Gram-negative bacteria as well as yeast. AcrAP1 exerts antitumor activity by promoting apoptosis of cancer cells and inhibiting angiogenesis. AcrAP1 can be used in cancer therapy research^[1].

REFERENCES

[1]. Ma R, et al. In vitro and MD simulation study to explore physicochemical parameters for antibacterial peptide to become potent anticancer peptide[J]. *Molecular Therapy-Oncolytics*, 2020, 16: 7-19.

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

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