

Epinecidin-1

Cat. No.:	HY-P1954
CAS No.:	1131706-77-8
Molecular Formula:	C ₁₁₄ H ₁₇₆ N ₃₀ O ₂₁ S
Molecular Weight:	2334.91
Sequence:	Gly-Phe-Ile-Phe-His-Ile-Ile-Lys-Gly-Leu-Phe-His-Ala-Gly-Lys-Met-Ile-His-Gly-Leu-Val-NH ₂
Sequence Shortening:	GFIFHIIKGLFHAGKMIHGLV-NH ₂
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description

Epinecidin-1 (Piscidin-1 (22-42)) is a highly potent, multi-functional Antimicrobial Peptide (AMP) produced by Orange-spotted grouper (*Epinephelus coioides*). Epinecidin-1 has many functional usages including antibacterial, antifungal, antiviral, antiprotozoal, anticancer, immunomodulatory, and wound healing properties^[1].

REFERENCES

[1]. Neshani A, et al. Epinecidin-1, a highly potent marine antimicrobial peptide with anticancer and immunomodulatory activities. *BMC Pharmacol Toxicol*. 2019 May 28;20(1):33.

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

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