

Epinecidin-1 TFA

Cat. No.:	HY-P1954A
Molecular Formula:	$C_{114}H_{176}N_{30}O_{21}S.xC_2HF_3O_2$
Sequence:	Gly-Phe-Ile-Phe-His-Ile-Ile-Lys-Gly-Leu-Phe-His-Ala-Gly-Lys-Met-Ile-His-Gly-Leu-Val-NH ₂ H ₂ GFIFHIIKGLFHAGKMIHGLV-NH ₂ (TFA salt)
Sequence Shortening:	GFIFHIIKGLFHAGKMIHGLV-NH ₂
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Sealed storage, away from moisture and light, under nitrogen Powder -80°C 2 years -20°C 1 year * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light, under nitrogen)

BIOLOGICAL ACTIVITY

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