

Piscidin-1 (22-42) (TFA)

Cat. No.:	HY-P1954A
Molecular Formula:	C ₁₁₆ H ₁₇₇ F ₃ N ₃₀ O ₂₃ S
Molecular Weight:	2448.93
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:	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

Piscidin-1 (22-42) (TFA) is a highly potent, multi-functional Antimicrobial Peptide (AMP) produced by Orange-spotted grouper (*Epinephelus coioides*). Piscidin-1 (22-42) (TFA) 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.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA