

Brevinin-1PMa

Cat. No.:	HY-P5718
Molecular Formula:	C ₁₂₁ H ₂₀₂ N ₂₈ O ₂₆ S ₂
Molecular Weight:	2529.2
Sequence:	Phe-Leu-Pro-Leu-Ile-Ala-Gly-Val-Ala-Ala-Lys-Val-Leu-Pro-Lys-Ile-Phe-Cys-Ala-Ile-Ser-Lys-Lys-Cys(Disulfide bridge: Cys18-Cys24)
Sequence Shortening:	FLPLIAGVAAKVLPKIFCAISKKC (Disulfide bridge: Cys18-Cys24)
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description

Brevinin-1PMa is a host-defense peptide that exhibits antimicrobial activity against *Staphylococcus aureus* and *Echerichia coli*. Brevinin-1PMa also shows hemolytic activity^[1].

REFERENCES

[1]. Mechkarska M, et, al. Peptidomic analysis of the host-defense peptides in skin secretions of the Amazon River frog *Lithobates palmipes* (Ranidae). *Comp Biochem Physiol Part D Genomics Proteomics*. 2023 Jun;46:101069.

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