

Esculentin 1A

Cat. No.:	HY-P3915
CAS No.:	1350828-38-4
Molecular Formula:	C ₂₁₂ H ₃₆₉ N ₅₉ O ₆₀ S ₃
Molecular Weight:	4800.75
Sequence Shortening:	GIFSKLAGKKIKNLLISGLKNVGKEVGMDVVRTGIDIAGCKIKGEC (Disulfide bridge: Cys40-Cys46)
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description

Esculentin 1A is a frog skin-derived antimicrobial peptide (AMP) with potent in vitro anti-Pseudomonas activity^[1].

REFERENCES

[1]. Antonio Di Grazia, et al. The Frog Skin-Derived Antimicrobial Peptide Esculentin-1a(1-21)NH₂ Promotes the Migration of Human HaCaT Keratinocytes in an EGF Receptor-Dependent Manner: A Novel Promoter of Human Skin Wound Healing? PLoS One. 2015 Jun 12;10(6):e0128663.

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

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