Pseudin-2

Cat. No.:	HY-P4816
CAS No.:	388602-02-6
Molecular Formula:	$C_{122}H_{202}N_{36}O_{32}$
Molecular Weight:	2685.13
Sequence:	Gly-Leu-Asn-Ala-Leu-Lys-Lys-Val-Phe-Gln-Gly-Ile-His-Glu-Ala-Ile-Lys-Leu-Ile-Asn-Asn-His-Val-Gln
Sequence Shortening:	GLNALKKVFQGIHEAIKLINNHVQ
Target:	Bacterial; Fungal
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description	Pseudin-2, an AMP thast could be isolated from the skin of the South American paradoxical frog Pseudis paradoxa, exert a potent growth inhibitory effect against Gram-negative bacteria[1].
In Vitro	The MICs of Pseudin-2 ranges from 2 to 4 μM (in low ionic strength buffer) against nearly all bacterial strains, except P. aeruginosa, against which it had a MIC of 8 μM. Pseudin-2 also exerts potent antimicrobial activity against antibioticresistant bacteria and pathogenic fungal cells[1]. MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Seong-Cheol Park, et al. A plausible mode of action of pseudin-2, an antimicrobial peptide from Pseudis paradoxa. Biochim Biophys Acta. 2011 Jan;1808(1):171-82.

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