

Distinctin

Cat. No.:	HY-P5690
CAS No.:	857394-09-3
Molecular Formula:	C ₁₃₁ H ₂₂₆ N ₄₀ O ₃₅ S
Molecular Weight:	2953.51
Sequence:	Asn-Leu-Val-Ser-Gly-Leu-Ile-Glu-Ala-Arg-Lys-Tyr-Leu-Glu-Gln-Leu-His-Arg-Lys-Leu-Lys -Asn-Cys-Lys-Val
Sequence Shortening:	NLVSGLIEARKYLEQLHRKLNCKV
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description

Distinctin is an antimicrobial peptide. Distinctin can be isolated from frog skin. Distinctin has antibacterial activity against *E. faecalis*, *P. aeruginosa*, *S. aureus* and *E. coli* (MIC: 14.5, 28.0, 28.0, 14.5 μM)^[1].

REFERENCES

[1]. Batista CV, et al. A novel heterodimeric antimicrobial peptide from the tree-frog *Phyllomedusa distincta*. *FEBS Lett.* 2001 Apr 6;494(1-2):85-9.

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

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