

Ranalexin

Cat. No.:	HY-P4204
CAS No.:	155761-99-2
Molecular Formula:	C ₉₇ H ₁₆₇ N ₂₃ O ₂₂ S ₃
Molecular Weight:	2103.7
Sequence:	Phe-Leu-Gly-Gly-Leu-Ile-Lys-Ile-Val-Pro-Ala-Met-Ile-Cys-Ala-Val-Thr-Lys-Lys-Cys (disulfide bridge:Cys14-Cys20)
Sequence Shortening:	FLGGLIKIVPAMICAVTKKC (disulfide bridge:Cys14-Cys20)
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description

Ranalexin is an antimicrobial peptide. Ranalexin inhibits *S. aureus*, *E. coli*, *P. aeruginosa* with MICs of 4, 32, 128 µg/mL^[1].

REFERENCES

[1]. Clark DP, et al. Ranalexin. A novel antimicrobial peptide from bullfrog (*Rana catesbeiana*) skin, structurally related to the bacterial antibiotic, polymyxin. *J Biol Chem.* 1994 Apr 8;269(14):10849-55.

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

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