

XT-1

Cat. No.:	HY-P5613
CAS No.:	398143-78-7
Molecular Formula:	C ₁₃₄ H ₂₂₇ N ₃₇ O ₃₁
Molecular Weight:	2852.47
Sequence:	Gly-Phe-Leu-Gly-Pro-Leu-Leu-Lys-Leu-Ala-Ala-Lys-Gly-Val-Ala-Lys-Val-Ile-Pro-His-Leu-Ile-Pro-Ser-Arg-Gln-Gln
Sequence Shortening:	GFLGPLLKLAAGVAKVIPHLIPSRQQ
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description

XT-1 is an antimicrobial peptide derived from skin secretions of *Xenopus tropicalis*. XT-1 has strong activity against *S.aureus*, *E.coli* and *C.albicans*, the value of MIC are 5, 6, 50 μM, respectively^[1].

REFERENCES

[1]. Ali MF, et al. Antimicrobial peptides isolated from skin secretions of the diploid frog, *Xenopus tropicalis* (Pipidae). *Biochim Biophys Acta*. 2001 Nov 26;1550(1):81-9.

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

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