

## XT-2 peptide

Cat. No.:	HY-P5615
CAS No.:	1235883-67-6
Molecular Formula:	C <sub>118</sub> H <sub>193</sub> N <sub>31</sub> O <sub>31</sub> S
Molecular Weight:	2574.05
Sequence:	Gly-Cys-Trp-Ser-Thr-Val-Leu-Gly-Gly-Leu-Lys-Lys-Phe-Ala-Lys-Gly-Gly-Leu-Glu-Ala-Ile-Val-Asn-Pro-Lys
Sequence Shortening:	GCWSTVLGGLKKFAKGGLEAIVNPK
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

### BIOLOGICAL ACTIVITY

Description	XT-2 peptide is an antimicrobial peptide derived from skin secretions of <i>Xenopus tropicalis</i> . XT-2 peptide has strong activity against <i>E.coli</i> , the value of MIC is 8 μM <sup>[1]</sup> .
-------------	---

### 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.**

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA