

Product Name : Magainin I
Cat. No. : PC-27795
CAS No. : 108433-99-4
Molecular Formula : $C_{112}H_{177}N_{29}O_{28}S$
Molecular Weight : 2409.85
Target : Bacterial
Solubility : 10 mM in DMSO

Gly-Ile-Gly-Lys-Phe-Leu-His-Ser-Ala-Gly-Lys-Phe-Gly-Lys-Ala-Phe-Val-Gly

Biological Activity

Magainin I (Magainin 1) is an antimicrobial peptide isolated from the skin of *Xenopus laevis*, exhibits antibiotic activity against numerous Gram-negative and Gram-positive bacteria.

References

Cirioni O, et al. Antimicrob Agents Chemother. 2002 Jan;46(1):101-4.

Duclohier H, et al. Biophys J. 1989 Nov;56(5):1017-21.

Moore KS, et al. J Biol Chem. 1991 Oct 15;266(29):19851-7.

M Zasloff, et al. Proc Natl Acad Sci U S A. 1987 Aug;84(15):5449-53.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

E-mail: tech@probechem.com