

Aurein 2.3

Cat. No.:	HY-P5570
CAS No.:	302343-06-2
Molecular Formula:	C ₇₆ H ₁₃₁ N ₁₉ O ₁₉
Molecular Weight:	1614.97
Sequence:	Gly-Leu-Phe-Asp-Ile-Val-Lys-Lys-Val-Val-Gly-Ala-Ile-Gly-Ser-Leu-NH ₂
Sequence Shortening:	GLFDIVKKVGAIGSL-NH ₂
Target:	Antibiotic; Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description	Aurein 2.3 is an antibiotic antimicrobial peptide. Aurein 2.3 partially inhibits E.coli ATPase activity and inhibits cell growth ^[1] [2].
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REFERENCES

- [1]. Rozek T, et al. The antibiotic and anticancer active aurein peptides from the Australian Bell Frogs *Litoria aurea* and *Litoria raniformis* the solution structure of aurein 1.2. *Eur J Biochem.* 2000 Sep;267(17):5330-41.
- [2]. Laughlin TF, et al. Inhibition of *Escherichia coli* ATP synthase by amphibian antimicrobial peptides. *Int J Biol Macromol.* 2010 Apr 1;46(3):367-74.

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

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