

## Aurein 2.5

Cat. No.:	HY-P5572
CAS No.:	302343-09-5
Molecular Formula:	C <sub>79</sub> H <sub>129</sub> N <sub>19</sub> O <sub>19</sub>
Molecular Weight:	1648.99
Sequence:	Gly-Leu-Phe-Asp-Ile-Val-Lys-Lys-Val-Val-Gly-Ala-Phe-Gly-Ser-Leu-NH <sub>2</sub>
Sequence Shortening:	GLFDIVKKVVGAFGSL-NH <sub>2</sub>
Target:	Antibiotic; Fungal; Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

### BIOLOGICAL ACTIVITY

Description
Aurein 2.5 is an antibiotic antimicrobial peptide. Aurein 2.5 has antibacterial and antifungal activity <sup>[1][2]</sup>

### 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]. Dennison SR, et al. Antimicrobial activity of aurein 2.5 against yeasts. *FEMS Microbiol Lett.* 2013 Sep;346(2):140-5.

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

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