

## Aurein 1.1

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|----------------------|---|
| Cat. No.:            | HY-P5728  |
| CAS No.:             | 302343-00-6   |
| Molecular Formula:   | C <sub>68</sub> H <sub>116</sub> N <sub>16</sub> O <sub>18</sub>                          |
| Molecular Weight:    | 1445.75   |
| Sequence:            | Gly-Leu-Phe-Asp-Ile-Ile-Lys-Lys-Ile-Ala-Glu-Ser-Ile-NH <sub>2</sub>                       |
| Sequence Shortening: | GLFDIIKKIAESI-NH <sub>2</sub>   |
| Target:              | Bacterial; Antibiotic   |
| Pathway:             | Anti-infection  |
| Storage:             | Please store the product under the recommended conditions in the Certificate of Analysis. |

### BIOLOGICAL ACTIVITY

#### Description

Aurein 1.1 is an antibiotic peptide that can be found in the Australian Bell Frogs *Litoria raniformis*<sup>[1]</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.

**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