

LL-37 amide

Cat. No.:	HY-P4744
CAS No.:	597562-32-8
Molecular Formula:	C ₂₀₅ H ₃₄₁ N ₆₁ O ₅₂
Molecular Weight:	4492.28
Sequence:	Leu-Leu-Gly-Asp-Phe-Phe-Arg-Lys-Ser-Lys-Glu-Lys-Ile-Gly-Lys-Glu-Phe-Lys-Arg-Ile-Val-Gln-Arg-Ile-Lys-Asp-Phe-Leu-Arg-Asn-Leu-Val-Pro-Arg-Thr-Glu-Ser-NH ₂
Sequence Shortening:	LLGDFFRKSKEKIGKEFKRIVQRIKDFLRNLPRTES-NH ₂
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description	LL-37 amide is a positively charged antimicrobial peptide. LL-37 amide has anticancer activity and can be used for cancer research ^{[1][2]} .
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REFERENCES

- [1]. Papo N, et al. New lytic peptides based on the D,L-amphipathic helix motif preferentially kill tumor cells compared to normal cells. *Biochemistry*. 2003 Aug 12;42(31):9346-54.
- [2]. Reinhardt A, et al. Novel imidazolium salt-peptide conjugates and their antimicrobial activity. *Bioconjug Chem*. 2014 Dec 17;25(12):2166-74.

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

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