

LL-37 amide TFA

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| Cat. No.: | HY-P4744A |
| Molecular Formula: | $C_{205}H_{341}N_{61}O_{52} \cdot xC_2HF_3O_2$ |
| 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 LLGDFFRKSKEKIGKEFKRIVQRIKDFLRNLPRTES-NH₂ (TFA salt) |
| Target: | Bacterial |
| Pathway: | Anti-infection |
| Storage: | Sealed storage, away from moisture and light Powder -80°C 2 years -20°C 1 year * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light) |

BIOLOGICAL ACTIVITY

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| Description | LL-37 amide TFA is a positively charged antimicrobial peptide. LL-37 amide TFA 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;42(31):9346-9354.

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

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