

LL-37 FKR

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| Cat. No.: | HY-P4746 |
| CAS No.: | 913736-94-4 |
| Molecular Formula: | C ₁₁₈ H ₁₉₉ N ₃₇ O ₃₀ |
| Molecular Weight: | 2616.07 |
| Sequence: | Phe-Lys-Arg-Ile-Val-Gln-Arg-Ile-Lys-Asp-Phe-Leu-Arg-Asn-Leu-Val-Pro-Arg-Thr-Glu-Ser |
| Sequence Shortening: | FKRIVQRIKDFLRNLVPRTES |
| Target: | Others |
| Pathway: | Others |
| Storage: | Please store the product under the recommended conditions in the Certificate of Analysis. |

BIOLOGICAL ACTIVITY

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| Description | LL-37 FKR is the C-terminal fragment of LL-37. LL-37 FKR plays an important role in antibacterial performance ^{[1][2]} . |
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REFERENCES

- [1]. Sigurdardottir T, et al. In silico identification and biological evaluation of antimicrobial peptides based on human cathelicidin LL-37. *Antimicrob Agents Chemother.* 2006 Sep;50(9):2983-9.
- [2]. Ringstad L, et al. Effects of single amino acid substitutions on peptide interaction with lipid membranes and bacteria—variants of GKE21, an internal sequence from human LL-37[J]. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, 2010, 354(1-3): 65-71.

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

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