

OH-CATH

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| Cat. No.: | HY-P4071 |
| Molecular Formula: | C ₂₀₂ H ₃₃₄ N ₅₆ O ₃₈ |
| Molecular Weight: | 4155.17 |
| Sequence: | Lys-Arg-Phe-Lys-Lys-Phe-Phe-Lys-Lys-Leu-Lys-Asn-Ser-Val-Lys-Lys-Arg-Ala-Lys-Lys-Phe-Phe-Lys-Lys-Pro-Arg-Val-Ile-Gly-Val-Ser-Ile-Pro-Phe |
| Sequence Shortening: | KRFKFFKLLKNSVKKRAKFFKPRVIGVSIPF |
| Target: | Bacterial |
| Pathway: | Anti-infection |
| Storage: | Please store the product under the recommended conditions in the Certificate of Analysis. |

BIOLOGICAL ACTIVITY

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| Description | OH-CATH is a natural antimicrobial peptide that can be isolated from the venom and tissue of Ophiophagus hannah (King Cobra) ^[1] . |
| In Vitro | OH-CATH shows good resistance to multidrug resistant strains of E. cloacae in the presence of 1% NaCl ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only. |

REFERENCES

[1]. de Barros E, et al. Snake Venom Cathelicidins as Natural Antimicrobial Peptides. Front Pharmacol. 2019 Nov 29;10:1415.

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

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