

D-K6L9

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| Cat. No.: | HY-P5924A |
| CAS No.: | 426264-61-1 |
| Molecular Formula: | C ₉₀ H ₁₇₄ N ₂₂ O ₁₅ |
| Molecular Weight: | 1804.48 |
| Sequence: | Leu-Lys-{d-Leu}-Leu-Lys-{d-Lys}-Leu-{d-Leu}-{d-Lys}-Lys-Leu-Leu-{d-Lys}-Leu-Leu-NH 2 |
| Sequence Shortening: | LK-{d-Leu}-LK-{d-Lys}-L-{d-Leu}-{d-Lys}-KLL-{d-Lys}-LL-NH2 |
| Target: | Bacterial |
| Pathway: | Anti-infection |
| Storage: | Please store the product under the recommended conditions in the Certificate of Analysis. |

BIOLOGICAL ACTIVITY

Description

D-K6L9 shows antimicrobial and antibiofilm activities against *P. aeruginosa* from cystic fibrosis patients. D-K6L9 is stable and resistant to degradation by cystic fibrosis sputum proteases and will not induce bacterial resistance ^[1].

REFERENCES

[1]. Ben Hur D, et al. Antimicrobial Peptides against Multidrug-Resistant *Pseudomonas aeruginosa* Biofilm from Cystic Fibrosis Patients. *J Med Chem.* 2022;65(13):9050-9062.

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

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