

## L-K6L9

Cat. No.:	HY-P5924
CAS No.:	507238-92-8
Molecular Formula:	C <sub>90</sub> H <sub>174</sub> N <sub>22</sub> O <sub>15</sub>
Molecular Weight:	1804.48
Sequence:	Leu-Lys-Leu-Leu-Lys-Lys-Leu-Leu-Lys-Lys-Leu-Leu-Lys-Leu-Leu-NH2
Sequence Shortening:	LKLLKLLKLLKLL-NH2
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

### BIOLOGICAL ACTIVITY

#### Description

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

### 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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