

## Peptide 5e

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Cat. No.:	HY-P5720
CAS No.:	908065-89-4
Molecular Formula:	C <sub>69</sub> H <sub>118</sub> N <sub>14</sub> O <sub>14</sub>
Molecular Weight:	1367.76
Sequence:	Phe-Leu-Pro-Ile-Ile-Ala-Lys-Leu-Leu-Gly-Gly-Leu-Leu
Sequence Shortening:	FLPIIAKLLGLL
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

### BIOLOGICAL ACTIVITY

Description	Peptide 5e is an antimicrobial peptide. Peptide 5e inhibits E. coli, S. aureus, and C. albicans with MIC values of 30, 5, 25 μg/mL respectively <sup>[1]</sup> .
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### REFERENCES

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[1]. Xu X, et al. Two families of antimicrobial peptides from wasp (*Vespa magnifica*) venom. *Toxicon*. 2006 Feb;47(2):249-53.

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

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