

## LL - 37 pentamide

**Product Code:** 1220-005

# Innopep Peptide Product

**Price: \$198.00**

### Short Description

LLGNFFRKSQKIGKQFKRIVQRIKNFFRNLPRTQS

### Description

#### Overview

#### Description

This synthetic peptide is a modification of the LL-37 cathelicidin peptide in which each aspartic acid of LL-37 is replaced by an asparagine, and glutamic acid by glutamine. The anti-staphylococcal activity LL-37 pentamide is greater than that of LL-37 because multiple acidic residues of human LL-37 reduce its efficacy against Staphylococci.

#### Sequence

LLGNFFRKSQKIGKQFKRIVQRIKNFFRNLPRTQS

#### Sequence (3 Letter)

H-Leu-Leu-Gly-Asn-Phe-Phe-Arg-Lys-Ser-Lys-Gln-Lys-Ile-Gly-Lys-Gln-Phe-Lys-Arg-Ile-Val-Gln-Arg-Ile-Lys-Asn-Phe-Phe-Arg-Asn-Leu-Val-Pro-Arg-Thr-Gln-Ser-OH

#### Molecular Weight

4522.4

#### Properties

#### Purity

> 95% By HPLC

#### Storage

Store at -20 °C, cap vial tightly at all times.

### References

Zhao, C. et al. Antimicrob. Agents Chemother. 45, 2695 (2001).