

# [Trp63, 64] - C3a (63 - 77) WWGKKYRASKLGLAR

**Product Code:** 3403-0100

**Innopep  
Peptide  
Product**

**Price: \$92.00**

## Short Description

WWGKKYRASKLGLAR

## Description

Overview

Description

This peptide, which is a C-terminal analogue of the complement factor C3a, acts as an agonist to the C3a receptor. It is derived from the fifteen C-terminal residues (6-77) of C3a. In in vitro studies, both C 3a and this peptide have been shown to selectively bind to C3aRs and induce degranulation of C3aR-transfected RBL-2H3 cells. There was also a rapid, transient and concentration-dependent hypertensive response observed in rats when infused intravenously with C3a and this peptide.

Sequence

WWGKKYRASKLGLAR

Sequence (3 Letter)

H - Trp - Trp - Gly - Lys - Lys - Tyr - Arg - Ala - Ser - Lys  
- Leu - Gly - Leu - Ala - Arg - OH

Molecular Weight

1820.2

Properties

Purity

% Peak Area By HPLC ? 95%

Storage

-20 °C

## References

- 1, Proctor LM et al. Intl Immunopharmacol. 9, 800-806 (2009).
- 2, Ames, R. et al. Immunopharmacol. 38, 87 (1997).