

(Trp63,Trp64)-C3a(63-77)

Cat. No.:	HY-P1640
CAS No.:	130154-64-2
Molecular Formula:	C ₈₆ H ₁₃₄ N ₂₆ O ₁₈
Molecular Weight:	1820.15
Sequence:	Trp-Trp-Gly-Lys-Lys-Tyr-Arg-Ala-Ser-Lys-Leu-Gly-Leu-Ala-Arg
Sequence Shortening:	WWGKKYRASKLGLAR
Target:	Complement System
Pathway:	Immunology/Inflammation
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description

(Trp63,Trp64)-C3a(63-77) is a C3a synthetic analogue peptide, which exhibits Ca²⁺ stimulating efficacy in human neutrophils and hC3aR or mC3aR expressing RBL-2H3 cells with EC₅₀ of 9.5, 2.0 and 0.8 nM, respectively^[1].

REFERENCES

[1]. Ames RS, et al., Evidence that the receptor for C4a is distinct from the C3a receptor. Immunopharmacology. 1997 Dec;38(1-2):87-92.

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

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