



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

[Trp63, 64]-C3a (63-77), synthetic superagonist analog of complement 3a, exhibited the greatest biological potency of all peptides tested. The peptide was 12-15 times more active than natural C3a. Such an optimal potency was obtained by introducing a bulky hydrophobic group such as Trp-Trp which binds more strongly to the hydrophobic site on the receptor than does the corresponding site on the natural ligand.

Catalog No.	5991730
Size	
Product Category	Catalog Peptide
Sequence	Trp-Trp-Gly-Lys-Lys-Tyr-Arg-Ala-Ser-Lys-Leu-Gly-Leu-Ala-Arg
CAS No.	130154-64-2
Mol. Formula	C ₈₆ H ₁₃₄ N ₂₆ O ₁₈
Mol. Weight	1820.19
Purity	> 95%
MOQ	1 mg
Storage/Stability	-20°C/1 year
Shipping	Gel Packs