

[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.

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| 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 | C86H134N26O18 |
| Mol. Weight | 1820.19 |
| Purity | > 95% |
| MOQ | 1 mg |
| Storage/Stability | -20°C/1 year |
| Shipping | Gel Packs |