

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

Catalog #	Source	Reactivity	Applications
CCP1730	Synthetic		
Description	Peptide to [Trp63, 64]-C3a (63-77)		
Biological Description	[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.		
Form	Lyophilized powder		
CAS Number	130154-64-2		
Molecular Formula	C86H134N26O18		
Molecular Weight	1820.19		
Purity	> 95%		
Chemical Structure	Trp - Trp - Gly - Lys - Lys - Tyr - Arg - Ala - Ser - Lys - Leu - Gly - Leu - Ala - Arg		
Storage/Stability	Shipped at 4°C. Store at -20°C for one year.		
Structure			

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, CHIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

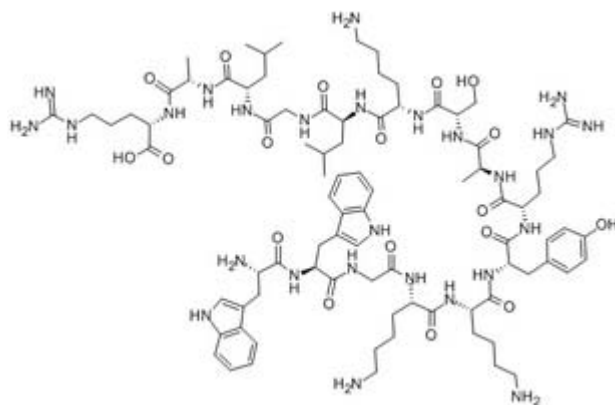
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