

## C5a Receptor agonist, mouse, human

Cat. No.:	HY-P5506
CAS No.:	144555-06-6
Molecular Formula:	C <sub>44</sub> H <sub>72</sub> N <sub>10</sub> O <sub>7</sub>
Molecular Weight:	853.11
Sequence:	Phe-Lys-Pro-{d-Cha}-{Cha}-{d-Arg}
Sequence Shortening:	FKP-{d-Cha}-{Cha}-{d-Arg}
Target:	Complement System
Pathway:	Immunology/Inflammation
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

### BIOLOGICAL ACTIVITY

#### Description

C5a Receptor agonist, mouse, human is a biological active peptide. (This peptide is derived from the C-terminus of the chemokine, complement fragment 5 anaphylatoxin (C5a). This peptide functions as a C5a receptor agonist. C5a is a plasma protein involved in cellular inflammatory processes by inducing chemotaxis, degranulation of leukocytes, increased vascular permeability, and cytokine production. The cyclohexylalanine at position 5 is crucial to agonist function. Arg at the last position is of the d-isomer.)

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

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