

## Met-RANTES (human)

Cat. No.:	HY-P4191
CAS No.:	1883816-50-9
Molecular Formula:	C <sub>355</sub> H <sub>543</sub> N <sub>97</sub> O <sub>101</sub> S <sub>6</sub>
Molecular Weight:	7972.9
Sequence:	Met-Ser-Pro-Tyr-Ser-Ser-Asp-Thr-Thr-Pro-Cys-Cys-Phe-Ala-Tyr-Ile-Ala-Arg-Pro-Leu-Pro-Arg-Ala-His-Ile-Lys-Glu-Tyr-Phe-Tyr-Thr-Ser-Gly-Lys-Cys-Ser-Asn-Pro-Ala-Val-Val-Phe-Val-Thr-Arg-Lys-Asn-Arg-Gln-Val-Cys-Ala-Asn-Pro-Glu-Lys-Lys-Trp-Val-Arg-Glu-Tyr-Ile-Asn-Ser-Leu-Glu-Met-Ser (Disulfide bridge: Cys11-Cys35, Cys12-Cys51)
Sequence Shortening:	MSPYSSDTPCCFAYIARPLPRAHIKEYFYTSGKCSNPAVVFVTRKNRQVCANPEKKWVREYINS LEMS (Disulfide bridge: Cys11-Cys35, Cys12-Cys51)
Target:	CCR
Pathway:	GPCR/G Protein; Immunology/Inflammation
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

### BIOLOGICAL ACTIVITY

#### Description

Met-RANTES (human) is a partial antagonist of CCR5. Met-RANTES (human) reduces the infiltration of blood monocytes into the liver<sup>[1]</sup>.

### REFERENCES

[1]. Arsiwala T, et al. Kupffer Cells and Blood Monocytes Orchestrate the Clearance of Iron-Carbohydrate Nanoparticles from Serum. *Int J Mol Sci.* 2022 Feb 28;23(5):2666.

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

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