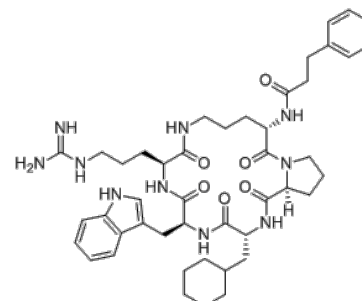


Product Name : PMX205
Cat. No. : PC-38845
CAS No. : 514814-49-4
Molecular Formula : C₄₅H₆₂N₁₀O₆
Molecular Weight : 839.05
Target : Complement System
Solubility : 10 mM in DMSO



Biological Activity

PMX205 is a potent, selective **C5a receptor** peptide antagonist with IC₅₀ of 30 nM.

PMX205 significantly prevented DSS-induced colon inflammation in both regimens, associated with lower pro-inflammatory cytokine production and nitrotyrosine staining in colon sections.

PMX205 is efficacious in preventing DSS-induced colitis increased the levels of anti-inflammatory cytokines IL-4 and IL-10, and was efficacious in preventing DSS-induced colitis.

References

Woodruff TM, et al. *J Pharmacol Exp Ther*. 2005 Aug;314(2):811-7.

Jain U, et al. *Br J Pharmacol*. 2013 Jan;168(2):488-501.

Ager RR, et al. *J Neurochem*. 2010 Apr;113(2):389-401.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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