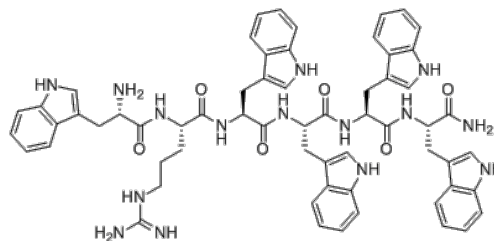


Product Name : WRW4
Cat. No. : PC-20391
CAS No. : 878557-55-2
Molecular Formula : C₆₁H₆₅N₁₅O₆
Molecular Weight : 1104.27
Target : Formyl peptide receptor (FPR)
Solubility : 10 mM in DMSO



Biological Activity

WRW4 (Trp-Arg-Trp-Trp-Trp-Trp) is a selective antagonist of formyl peptide receptor 2 (**FPR2**, FPRL1) signaling, inhibits WKYMVm binding to FPR2 with IC₅₀ of 0.23 μM.

WRW4 inhibits intracellular calcium release induced by WKYMVm, MMK 1, amyloid β₄₂, and F peptide.

WRW4 also inhibits FPR2-mediated signaling in human neutrophils.

WRW4 blocks chemotactic migration and superoxide generation by amyloid β₄₂ peptide.

References

Bae YS, et al. *J Immunol.* 2004 Jul 1;173(1):607-14.

Karlsson J, et al. *Biochem Pharmacol.* 2006 May 14;71(10):1488-96.

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

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