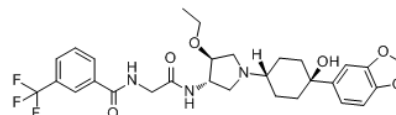


Product Name : INCB-3344
Cat. No. : PC-45838
CAS No. : 1262238-11-8
Molecular Formula : C₂₉H₃₄F₃N₃O₆
Molecular Weight : 577.592
Target : Chemokine Receptor (CCR and CXCR)
Solubility : 10 mM in DMSO



Biological Activity

A potent, selective and orally bioavailable CCR2 antagonist with IC₅₀ of 5.1 nM and 9.5 nM for hCCR2 and mCCR2, respectively, in MCP-1 binding assay; show no significant activity for murine CCR1 and murine CCR5 (IC₅₀>1 μM), and a panel of >50 ion channels, transporters, chemokine receptors and other selected GPCRs; inhibits macrophage influx in a mouse model of delayed-type hypersensitivity, significantly reduces disease in models of multiple sclerosis, and inflammatory arthritis.

Rheumatoid Arthritis

Preclinical

References

Brodmerkel CM, et al. J Immunol. 2005 Oct 15;175(8):5370-8.

Xue CB, et al. Bioorg Med Chem Lett. 2010 Dec 15;20(24):7473-8.

Zweemer AJ, et al. Mol Pharmacol. 2013 Oct;84(4):551-61.

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

E-mail: tech@probechem.com