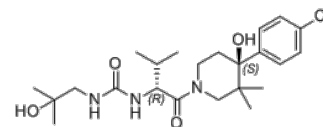


Product Name : BMS-817399
Cat. No. : PC-35036
CAS No. : 1202400-18-7
Molecular Formula : C₂₃H₃₆ClN₃O₄
Molecular Weight : 454.008
Target : Chemokine Receptor (CCR and CXCR)
Solubility : 10 mM in DMSO



Biological Activity

BMS-817399 is a potent, selective, orally bioavailable **CCR1** antagonist with binding IC₅₀ of 1 nM, inhibits MIP-1 α -induced chemotaxis with IC₅₀ of 6 nM.

BMS-817399 shows no binding activity to other CC family receptors, including CCR2, CCR3, CCR4, CCR5, CXCR2, CXCR3, and CXCR5, as well as a broad panel of other GPCRs and biogenic amine transporters.

BMS-817399 blocks MIP1 α - and LKN-1-mediated up-regulation of CD11b in human whole blood with IC₅₀ values of 25 nM and 42 nM, respectively.

BMS-817399 shows potential for the treatment of rheumatoid arthritis.

References

Santella JB 3rd, et al. *J Med Chem*. 2014 Sep 25;57(18):7550-64.

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

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