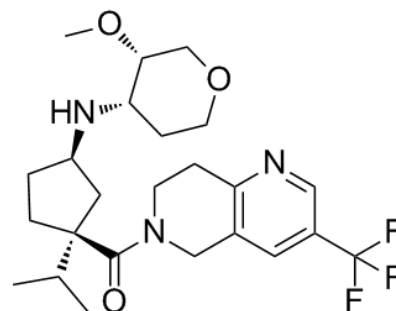


Product Name : MK-0812
Cat. No. : PC-45833
CAS No. : 624733-88-6
Molecular Formula : C₂₄H₃₄F₃N₃O₃
Molecular Weight : 469.5403
Target : Chemokine Receptor (CCR and CXCR)
Solubility : 10 mM in DMSO



Biological Activity

MK-0812 is a potent **CCR2** specific antagonist that blocks MCP-1 mediated response with an IC₅₀ of 3.2 nM. MK-0812 inhibits ¹²⁵I-MCP-1 binding on isolated monocytes with IC₅₀ of 4.5 nM. MK-0812 reduces macrophage accumulation in adipose tissue in ob/ob mice.

References

- Wisniewski T, et al. J Immunol Methods. 2010 Jan 31;352(1-2):101-10.
O'Brien PD, et al. Diabetes Obes Metab. 2017 Mar 23. doi: 10.1111/dom.12950.
Min SH, et al. Biochem Biophys Res Commun. 2010 Jan 1;391(1):1080-6.

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

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