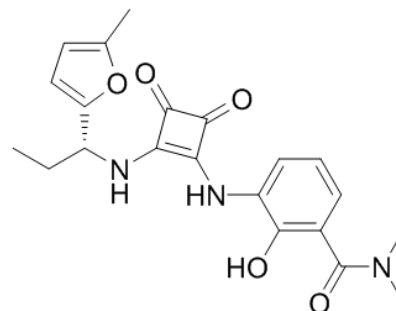


Product Name : SCH-527123
Cat. No. : PC-42443
CAS No. : 473727-83-2
Molecular Formula : C₂₁H₂₃N₃O₅
Molecular Weight : 397.4244
Target : Chemokine Receptor (CCR and CXCR)
Solubility : 10 mM in DMSO



Biological Activity

SCH-527123 (Navarixin, MK-7123) is a potent, selective, orally bioavailable **CXCR2/CXCR1** receptor antagonist with K_d of 0.08 and 41 nM for cynomolgus CXCR2 and CXCR1, respectively.

SCH-527123 potently inhibits CXCR2-mediated chemotaxis with IC₅₀ of 3-6 nM.

SCH-527123 inhibits neutrophil recruitment, mucus production, and goblet cell hyperplasia in animal models of pulmonary inflammation.

References

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Dwyer MP, et al. *J Med Chem.* 2006 Dec 28;49(26):7603-6.

Gonsiorek W, et al. *J Pharmacol Exp Ther.* 2007 Aug;322(2):477-85.

Singh S, et al. *Clin Cancer Res.* 2009 Apr 1;15(7):2380-6.

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

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