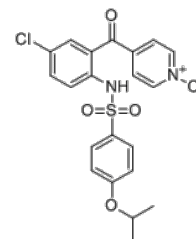


Product Name : MLN3126
Cat. No. : PC-35220
CAS No. : 628300-71-0
Molecular Formula : C₂₁H₁₉ClN₂O₅S
Molecular Weight : 446.902
Target : Chemokine Receptor (CCR and CXCR)
Solubility : 10 mM in DMSO



Biological Activity

MLN3126 (MLN 3126, MLN-3126) is a potent, selective, orally available **CCR9** antagonist with IC₅₀ of 6.3 nM (CCL25-induced calcium mobilization).

MLN3126 shows no significant antagonistic activity for other 12 chemokine receptors (CCR1, -2b, -4, -6, -7, -8, -10, CX3CR1, CXCR1, -2, -3 and -4) at 10 uM.

MLN3126 dose dependently inhibits CCL25-induced chemotaxis of mouse thymocytes (IC₉₀=1.8 uM).

MLN3126 ameliorates inflammation in a T cell mediated mouse colitis model.

References

Igaki K, et al. *Int Immunopharmacol.* 2018 Jul;60:160-169.

Narita N, et al. *Drug Metab Dispos.* 2018 Mar;46(3):204-213.

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

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