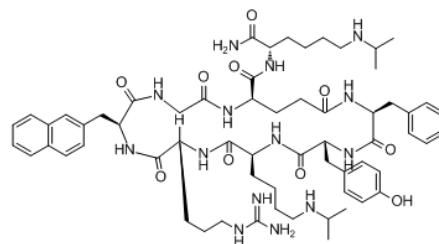


Product Name : LY-2510924
Cat. No. : PC-61317
CAS No. : 1088715-84-7
Molecular Formula : C₆₂H₈₈N₁₄O₁₀
Molecular Weight : 1189.45
Target : Chemokine Receptor (CCR and CXCR)
Solubility : 10 mM in DMSO



Biological Activity

LY-2510924 (LY2510924) is a potent and selective, cyclic peptide **CXCR4** antagonist with IC₅₀ of 0.079 nM, without apparent agonist activity.

LY-2510924 inhibits SDF-1-induced cell migration with IC₅₀ of 0.26 nM and inhibits SDF-1/CXCR4-mediated intracellular signaling.

LY-2510924 exhibits inhibition of SDF-1-stimulated phospho-ERK and phospho-Akt in tumor cells.

LY-2510924 shows inhibition of tumor growth in human xenograft models with acceptable in vivo stability and a pharmacokinetic profile.

References

Peng SB, et al. *Mol Cancer Ther.* 2015 Feb;14(2):480-90.

Cho BS, et al. *Blood.* 2015 Jul 9;126(2):222-32.

Galsky MD, et al. *Cancer Res.* 2014 Aug 15;20(16):4414.

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

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