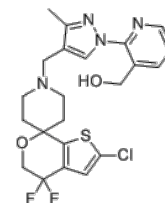


Product Name : LY2940094
Cat. No. : PC-61546
CAS No. : 1307245-86-8
Molecular Formula : C₂₂H₂₃ClF₂N₄O₂S
Molecular Weight : 480.959
Target : Opioid Receptor
Solubility : 10 mM in DMSO



Biological Activity

LY2940094 (BTRX246040) is a potent, selective, CNS-penetrant, orally available **NOP** (Nociceptin/OFQ) receptor antagonist with K_b of 0.17 nM.

LY2940094 displays high selectivity versus classical opioid receptors (μ , δ , and κ).

LY2940094 inhibits fasting-induced feeding, inhibits feeding and body weight regain in dietary-induced obese mice.

LY2940094 also shows antidepressant-like effects in rodent models and antidepressant efficacy in patients with major depressive disorder (MDD).

References

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Post A, et al. *Neuropsychopharmacology*. 2016 Jun;41(7):1803-12.

Toledo MA, et al. *J Med Chem*. 2014 Apr 24;57(8):3418-29.

Rorick-Kehn LM, et al. *Alcohol Clin Exp Res*. 2016 May;40(5):945-54.

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

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