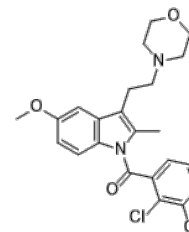


Product Name : GW405833
Cat. No. : PC-24076
CAS No. : 180002-83-9
Molecular Formula : C₂₃H₂₄Cl₂N₂O₃
Molecular Weight : 447.36
Target : Cannabinoid Receptor
Solubility : 10 mM in DMSO



CAS: 180002-83-9

Biological Activity

GW405833 is a potent, selective cannabinoid receptor CB₂ agonist with K_i of 3.6 nM, 1200-fold selectivity over CB₁.

GW405833 causes a concentration-dependent inhibition of forskolin-mediated cAMP accumulation in CHO-K1 cells with EC₅₀ of 0.65 nM.

GW405833 elicits potent and efficacious antihyperalgesic effects in rodent models of neuropathic, incisional and chronic inflammatory pain.

References

Valenzano KJ, et al. Neuropharmacology. 2005 Apr;48(5):658-72.

Whiteside GT, et al. Eur J Pharmacol. 2005 Dec 28;528(1-3):65-72.

Hu B, et al. Pain. 2009 Jun;143(3):206-12.

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

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