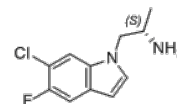


Product Name : Ro60-0175
Cat. No. : PC-35018
CAS No. : 169675-08-5
Molecular Formula : C₁₁H₁₂ClFN₂
Molecular Weight : 226.679
Target : 5-HT Receptor
Solubility : 10 mM in DMSO



Biological Activity

Ro60-0175 is a potent, selective **5-HT_{2C}** receptor agonist with pK_i of 9, 7.5, 5.4, 5.2 and 5.6 for human 5-HT_{2C}, 2A, 1A, 6 and 7 receptors respectively.

Ro60-0175 induces hypolocomotion in rats at doses greater than 0.5 mg/kg s.c.

Ro60-0175 (0.3 and 1 mg/kg s.c.) simultaneously reduces both unpunished and punished lever pressing, a profile consistent with sedation, induces sedative-like responses via 5-HT_{2C} receptor activation in vivo.

References

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Jenck F, et al. Eur Neuropsychopharmacol. 1998 Aug;8(3):161-8.

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

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