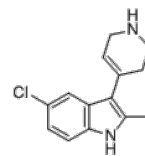


Product Name : EMD386088
Cat. No. : PC-20844
CAS No. : 54635-62-0
Molecular Formula : C₁₄H₁₅ClN₂
Molecular Weight : 246.74
Target : 5-HT Receptor
Solubility : 10 mM in DMSO



CAS: 54635-62-0

Biological Activity

EMD386088 is a potent, selective **5-HT₆** receptor agonist with EC₅₀ of 1.0 nM.

EMD386088 displays selectivity over other 5-HT receptors (IC₅₀ values are 110, 180, 240, 450, 620, 660 and 3000 nM for 5-HT_{1D}, 5-HT_{1B}, 5-HT_{2A}, 5-HT_{2C}, 5-HT₄, 5-HT_{1A} and 5-HT₇ receptors respectively).

EMD 386088 produces antidepressant and anxiolytic effects in rats after intrahippocampal administration.

References

Mattsson et al. *Bioorg.Med.Chem.Lett.* 2005;15:4230.

Nikiforuk A, et al. *Psychopharmacology (Berl)*. 2011 Oct;217(3):411-8.

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

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