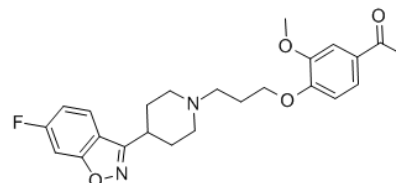


Product Name : Iloperidone
Cat. No. : PC-45232
CAS No. : 133454-47-4
Molecular Formula : C₂₄H₂₇FN₂O₄
Molecular Weight : 426.4806
Target : 5-HT Receptor
Solubility : 10 mM in DMSO



Biological Activity

Iloperidone (HP-873) is an atypical antipsychotic that exhibits high affinity to serotonin **5HT_{2A}** (K_i =5.6 nM), **dopamine D₂** (K_i=6.3 nM) and **D₃** (K_i=7.1 nM) and noradrenaline α₁ receptors (K_i=0.36 nM), moderate affinity for D₄ (25 nM), 5HT₆ (43 nM), 5HT₇ (22 nM), and low affinity for 5HT_{1A} (168 nM), D₁ and histamine H₁ receptors. Iloperidone (HP-873) is used for the treatment of schizophrenia.

References

- Barr AM, et al. Neuropharmacology. 2006 Sep;51(3):457-65.
Szewczak MR, et al. J Pharmacol Exp Ther. 1995 Sep;274(3):1404-13.
Sainati SM, et al. J Clin Pharmacol. 1995 Jul;35(7):713-20.

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

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