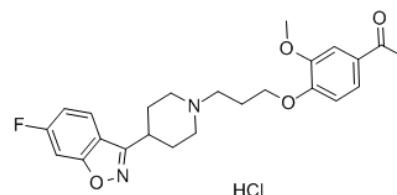


Product Name : Iloperidone hydrochloride
Cat. No. : PC-45233
CAS No. : 1299470-39-5
Molecular Formula : C₂₄H₂₈ClFN₂O₄
Molecular Weight : 462.9415
Target : 5-HT Receptor
Solubility : 10 mM in DMSO



Biological Activity

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; is used for the treatment of schizophrenia.

Schizophrenia

Approved

References

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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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