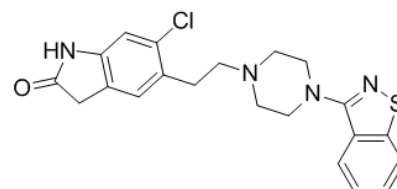


**Product Name** : Ziprasidone  
**Cat. No.** : PC-43963  
**CAS No.** : 146939-27-7  
**Molecular Formula** : C<sub>21</sub>H<sub>21</sub>ClN<sub>4</sub>OS  
**Molecular Weight** : 412.9356  
**Target** : 5-HT Receptor  
**Solubility** : 10 mM in DMSO



## Biological Activity

A full antagonist of D<sub>2</sub> and 5-HT<sub>2A</sub> receptors with K<sub>i</sub> of 6.8 and 0.6 nM, respectively; also is a partial agonist of 5-HT<sub>1A</sub>, and a partial antagonist of 5-HT<sub>2C</sub> and 5-HT<sub>1D</sub> receptors; exhibits potent antipsychotic activity in vivo.  
Schizophrenia  
Approved

## References

- Mattei C, et al. J Cent Nerv Syst Dis. 2011 Feb 15;3:1-16.  
Seeger TF, et al. J Pharmacol Exp Ther. 1995 Oct;275(1):101-13.  
Schotte A, et al. Psychopharmacology (Berl). 1996 Mar;124(1-2):57-73.

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

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