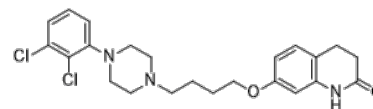


**Product Name** : Aripiprazole  
**Cat. No.** : PC-23422  
**CAS No.** : 129722-12-9  
**Molecular Formula** : C<sub>23</sub>H<sub>27</sub>Cl<sub>2</sub>N<sub>3</sub>O<sub>2</sub>  
**Molecular Weight** : 448.39  
**Target** : 5-HT Receptor  
**Solubility** : 10 mM in DMSO



## Biological Activity

Aripiprazole (OPC-14597) is an atypical antipsychotic, and potent and high-affinity dopamine D2 receptor (D2R) partial agonist, also is an inverse agonist at 5-HT<sub>2B</sub> and 5-HT<sub>2A</sub> receptors and displays partial agonist actions at 5-HT<sub>1A</sub>, 5-HT<sub>2C</sub>, D<sub>3</sub>, and D<sub>4</sub> receptors.

## References

Burris KD, et al. J Pharmacol Exp Ther. 2002 Jul;302(1):381-9.

Russo E, et al. Neuropharmacology. 2013 Jan;64:371-9.

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

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