

## Aripiprazole, Dopamine receptor partial agonist

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Catalog	Unit
TBI2314-20MG	20mg
TBI2314-100MG	100mg

### Product Details

**Formal Name:** 7-[4-[4-(2,3-Dichlorophenyl)-1-piperazinyl]butoxy]-3,4-dihydro-2(1H)-quinolinone

**Alternate Names:** OPC-14597

**Molecular Formula:** C<sub>23</sub>H<sub>27</sub>Cl<sub>2</sub>N<sub>3</sub>O<sub>2</sub>

**Formula Weight:** 448.40

**CAS Number:** 129722-12-9

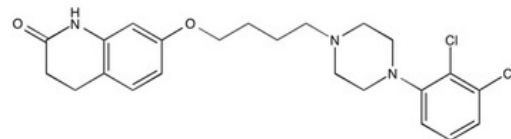
**Purity:** >98%

**Formulation:** powder

**Solubility:** Soluble in DMSO (up to 30 mg/ml) or in Ethanol (up to 5 mg/ml with warming).

**Storage:** RT

**Stability:** ≥ 2 years.



### Applications

Dopamine receptor partial agonist

### Functions

Clinically useful neuroleptic and antipsychotic agent. Dopamine D2 receptor antagonist and autoreceptor agonist. Improves symptoms of psychosis associated with Alzheimer's disease. Blocks cocaine-seeking behavior without affecting other rewarding behaviors in animal models.

### Application Procedures

First dissolved in DMSO (up to 30 mg/ml) or in Ethanol (up to 5 mg/ml with warming), then diluted to aqueous buffer. Solutions in DMSO or Ethanol may be stored at -20°C for up to 3 months.

**For research use only.**