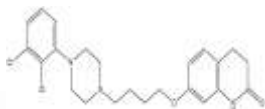


**PRODUCT: Aripiprazole****ALTERNATE NAME:** 7-[4-[4-(2,3-Dichlorophenyl)-1-piperazinyl]butoxy]-3,4-dihydro-2(1H)-quinolinone**CATALOG #:** B1186-10, 50**AMOUNT:** 10 mg, 50 mg**STRUCTURE:****MOLECULAR FORMULA:** C<sub>23</sub>H<sub>27</sub>Cl<sub>2</sub>N<sub>3</sub>O<sub>2</sub>**MOLECULAR WEIGHT:** 448.4**CAS NUMBER:** 129722-12-9**APPEARANCE:** White solid**SOLUBILITY:** DMSO (30 mg/ml)**PURITY:** ≥98% by HPLC**STORAGE:** Store at -20°C. Protect from air and light.**DESCRIPTION:** Aripiprazole is a high affinity dopamine D<sub>2</sub> and 5-HT<sub>1A</sub> receptor partial agonist (K<sub>i</sub> values are ~1.64 and 5.59 nM respectively). Also 5-HT<sub>2A</sub> antagonist (K<sub>i</sub> = 8.7 nM). Aripiprazole is a clinically useful neuroleptic and antipsychotic agent. It improves symptoms of psychosis associated with Alzheimer's disease. Aripiprazole blocks cocaine-seeking behavior without affecting other rewarding behaviors in animal models.**REFERENCES:** Davies, M.A., *et al.* (2004). *CNS Drug Rev.* **10**, 317-336.**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.**RELATED PRODUCTS:**Bromocriptine mesylate (**2916**)Dopamine (DA) ELISA Kit (**K4219**)SKF-38393 Hydrochloride (**9667**)**USAGE:** **FOR RESEARCH CH USE ONLY! Not to be used in humans**