

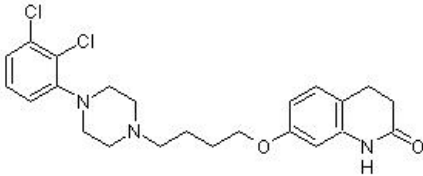
Product datasheet

Aripiprazole ab120764

Overview

Product name	Aripiprazole
Description	Partial dopamine D ₂ agonist
Biological description	Partial dopamine D ₂ agonist. K _i (nM) values are 265 (D ₁), 0.34 (D ₂), 0.8 (D ₃), 44 (D ₄), 1.7 (5-HT _{1A}), 3.4 (5-HT _{2A}), 15 (5-HT _{2C}), 214 (5-HT ₆), 39 (5-HT ₇), 57 (α ₁), 791 (α ₂), 61 (H ₁) and >1000 (M ₁). Antipsychotic and antidepressant activity. Centrally active following oral administration.
Purity	> 99%

Properties

Chemical name	7-[4-[4-(2,3-Dichlorophenyl)-1-piperazinyl]butoxy]-3,4-dihydro-2(1H)-quinolinone
Molecular weight	448.39
Chemical structure	

Molecular formula C₂₃H₂₇Cl₂N₃O₂

CAS Number 129722-12-9

Storage instructions Store at +4°C. Store under desiccating conditions. The product can be stored for up to 12 months.

Solubility overview Soluble in DMSO to 100 mM

Handling Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.

Toxic, refer to SDS for further information.

Need more advice on solubility, usage and handling? Please visit our [frequently asked questions \(FAQ\) page](#) for more details.

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