

Product Data Sheet

Product Name: Aripiprazole D8

Cat. No.: GC35386

Chemical Properties

Cas. No. 1089115-06-9, 1089115-04-7

SMILES O=C1NC2=C(C=CC(OCCCCN3C([2H])([2H])C([2H])([2H])N(C4=CC=CC(Cl)=C4Cl)C([2H])([2H])C3([2H])([2H])=C2)CC1

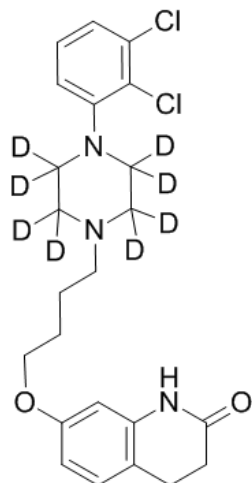
Formula $C_{23}H_{19}D_8Cl_2N_3O_2$ M.Wt 456.43

Solubility DMF: 30 mg/ml, DMF:PBS (pH 7.2) (1:1): 0.12 mg/ml, DMSO: 25 mg/ml, Ethanol: 1 mg/ml
Storage Store at -20°C

General tips For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution: ship with blue ice. All other available size: ship with RT, or blue ice upon request.

Structure



Background

Aripiprazole D8 (OPC-14597 D8) is the deuterium labeled Aripiprazole, which is a human 5-HT_{1A} receptor partial agonist with a K_i of 4.2 nM.

Caution: Product has not been fully validated for medical applications. For research use only.

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