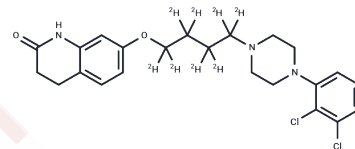


Aripiprazole-D8

Chemical Properties

CAS No. :	1089115-04-7
Formula:	C ₂₃ H ₁₉ D ₈ Cl ₂ N ₃ O ₂
Molecular Weight:	456.44
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	Aripiprazole-D8 is a deuterated compound of Aripiprazole. Aripiprazole (T1566) has a CAS number of 129722-12-9. Aripiprazole (T1566) is an antipsychotic agent that is structurally related to piperazines and quinolones. It is a partial agonist of SEROTONIN RECEPTOR, 5-HT _{1A} and DOPAMINE D ₂ RECEPTORS, where it also functions as a post-synaptic antagonist, and an antagonist of SEROTONIN RECEPTOR, 5-HT _{2A} .
Targets(IC ₅₀)	5-HT Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1909 mL	10.9543 mL	21.9087 mL
5 mM	0.4382 mL	2.1909 mL	4.3817 mL
10 mM	0.2191 mL	1.0954 mL	2.1909 mL
50 mM	0.0438 mL	0.2191 mL	0.4382 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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