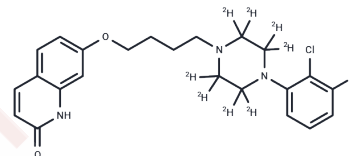


Dehydro aripiprazole-D8

Chemical Properties

CAS No. : 1215897-99-6
 Formula: C₂₃H₁₇D₈Cl₂N₃O₂
 Molecular Weight: 454.42
 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
 Dehydro aripiprazole-D8 is a deuterated compound of Dehydro aripiprazole. Dehydro aripiprazole (T10989) has a CAS number of 129722-25-4. Dehydroaripiprazole is the active metabolite of aripiprazole. Aripiprazole is an antipsychotic drug, which is metabolized by CYP3A4 and CYP2D6 and mainly forms dehydroaripiprazole. Dehydroaripiprazole has antipsychotic activity equivalent to aripiprazole.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2006 mL	11.003 mL	22.0061 mL
5 mM	0.4401 mL	2.2006 mL	4.4012 mL
10 mM	0.2201 mL	1.1003 mL	2.2006 mL
50 mM	0.044 mL	0.2201 mL	0.4401 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.

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