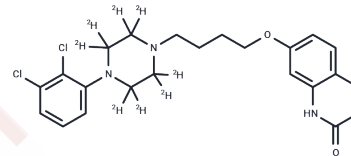


Aripiprazole (D8)

Chemical Properties

CAS No. : 1089115-06-9
 Formula: C₂₃H₂₇Cl₂N₃O₂
 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 the deuterium-labeled Aripiprazole. Aripiprazole (T1566) is a human 5-HT _{1A} receptor partial agonist (K _i : 4.2 nM). |
| Targets(IC50) | 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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