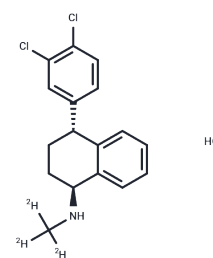


rel-Sertraline-D3 hydrochloride

Chemical Properties

CAS No. : 1330180-66-9
 Formula: C₁₇H₁₈Cl₃N
 Molecular Weight: 345.71
 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 | rel-Sertraline-D3 hydrochloride is the deuterated form of Sertraline hydrochloride, a selective serotonin reuptake inhibitor (SSRI) antidepressant. Sertraline hydrochloride (T0482) is utilized in the investigation of various conditions, including major depressive disorder and obsessive-compulsive disorder. |
| Targets(IC50) | Serotonin Transporter |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|-----------|-----------|
| 1 mM | 2.8926 mL | 14.463 mL | 28.926 mL |
| 5 mM | 0.5785 mL | 2.8926 mL | 5.7852 mL |
| 10 mM | 0.2893 mL | 1.4463 mL | 2.8926 mL |
| 50 mM | 0.0579 mL | 0.2893 mL | 0.5785 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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