

Trazodone-D8 hydrochloride

Chemical Properties

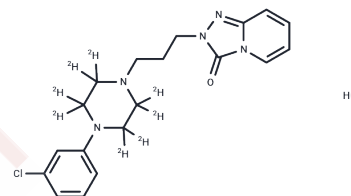
CAS No. :

Formula: C₁₉H₁₅D₈Cl₂N₅O

Molecular Weight: 416.37

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

Trazodone-D8 hydrochloride is a deuterated compound of Trazodone hydrochloride. Trazodone hydrochloride (T1619) has a CAS number of 25332-39-2. Trazodone hydrochloride (T1619) is a serotonin uptake inhibitor that is used as an antidepressive agent. It has been shown to be effective in patients with major depressive disorders and other subsets of depressive disorders. It is generally more useful in depressive disorders associated with insomnia and anxiety.

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 2.4017 mL | 12.0086 mL | 24.0171 mL |
| 5 mM | 0.4803 mL | 2.4017 mL | 4.8034 mL |
| 10 mM | 0.2402 mL | 1.2009 mL | 2.4017 mL |
| 50 mM | 0.048 mL | 0.2402 mL | 0.4803 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.

Reference

1. Marcoli M, et al. J Pharmacol Exp Ther. 2001 Dec; 299(3):1106-11.

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