

## Fluphenazine-D8 Dihydrochloride

## Chemical Properties

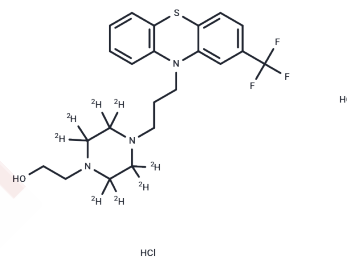
CAS No. :

Formula: C<sub>22</sub>H<sub>20</sub>D<sub>8</sub>Cl<sub>2</sub>F<sub>3</sub>N<sub>3</sub>O<sub>5</sub>

Molecular Weight: 518.49

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

Fluphenazine-D8 Dihydrochloride is a deuterated compound of Fluphenazine Dihydrochloride. Fluphenazine Dihydrochloride (T0068) has a CAS number of 146-56-5. Fluphenazine dihydrochloride is an inhibitor of phenothiazine-class D1DR and D2DR; In studies, Fluphenazine can be used to probe the effects and metabolic process of this commonly used dopamine antagonist.

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9287 mL	9.6434 mL	19.2868 mL
5 mM	0.3857 mL	1.9287 mL	3.8574 mL
10 mM	0.1929 mL	0.9643 mL	1.9287 mL
50 mM	0.0386 mL	0.1929 mL	0.3857 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. Qin ZH, Weiss B. Eur J Pharmacol. 1994 Sep 15;269(1):25-33.

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