

Vortioxetine-D8 dihydrobromide

Chemical Properties

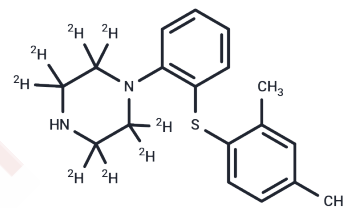
CAS No. :

Formula: C₁₈H₁₄D₈N₂S

Molecular Weight: 306.5

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

Vortioxetine-D8 dihydrobromide is a deuterated compound of Vortioxetine dihydrobromide (T2395). Vortioxetine 2HBr has a CAS number of 508233-74-7. Vortioxetine is a serotonergic antidepressant used for major depression disorders. Vortioxetine has been associated with a low rate of minor serum aminotransferase elevations during treatment.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.2626 mL	16.3132 mL	32.6264 mL
5 mM	0.6525 mL	3.2626 mL	6.5253 mL
10 mM	0.3263 mL	1.6313 mL	3.2626 mL
50 mM	0.0653 mL	0.3263 mL	0.6525 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

- Bang-Andersen B, et al. J Med Chem, 2011, 54(9), 3206-3221.

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