

Perospirone hydrochloride-d8

Chemical Properties

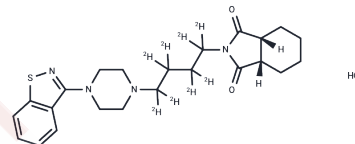
CAS No. :

Formula: C₂₃H₂₃D₈ClN₄O₂S

Molecular Weight: 471.09

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

Perospirone-D8 hydrochloride is a deuterated compound of Perospirone hydrochloride. Perospirone hydrochloride (T8136) has a CAS number of 129273-38-7. Perospirone hydrochloride (T8136) is an atypical antipsychotic agent for the treatment of schizophrenia. It also displays affinity towards 5HT_{1A} receptors as a partial agonist.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1227 mL	10.6137 mL	21.2274 mL
5 mM	0.4245 mL	2.1227 mL	4.2455 mL
10 mM	0.2123 mL	1.0614 mL	2.1227 mL
50 mM	0.0425 mL	0.2123 mL	0.4245 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

- Murata Y , Bundo M , Sunaga F , et al. DNA Methylation Profiling in a Neuroblastoma Cell Line Exposed to the Antipsychotic Perospirone[J]. Pharmacopsychiatry, 2018:s-0044-101467.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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