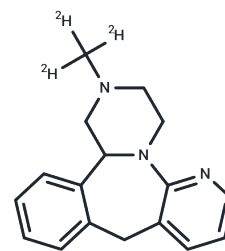


Mirtazapine-D3

Chemical Properties

CAS No. :	1216678-68-0
Formula:	C17H19N3
Molecular Weight:	268.37
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	Mirtazapine-D3 is a deuterium labeled Mirtazapine. Mirtazapine is an inhibitor of 5-HT receptor .
Targets(IC50)	5-HT Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.7262 mL	18.631 mL	37.262 mL
5 mM	0.7452 mL	3.7262 mL	7.4524 mL
10 mM	0.3726 mL	1.8631 mL	3.7262 mL
50 mM	0.0745 mL	0.3726 mL	0.7452 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

Anttila, S.A. and E.V. Leinonen, A review of the pharmacological and clinical profile of mirtazapine. CNS Drug Rev, 2001. 7(3): p. 249-64.

Kooyman AR, et al. Interaction between enantiomers of mianserin and ORG3770 at 5-HT3 receptors in cultured mouse neuroblastoma cells. Neuropharmacology. 1994 Mar-Apr;33(3-4):501-7.

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