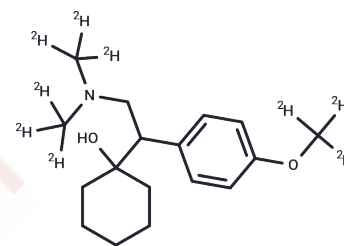


SD-254

Chemical Properties

CAS No. : 940297-30-3
 Formula: C₁₇H₂₇N₂O
 Molecular Weight: 286.46
 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	SD-254 is a deuterium analog of Effexor, with fewer side effects and a longer half-life.
Targets(IC50)	Serotonin Transporter

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.4909 mL	17.4544 mL	34.9089 mL
5 mM	0.6982 mL	3.4909 mL	6.9818 mL
10 mM	0.3491 mL	1.7454 mL	3.4909 mL
50 mM	0.0698 mL	0.3491 mL	0.6982 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

Sanderson K. Big interest in heavy drugs. Nature. 2009 Mar 19;458(7236):269. doi: 10.1038/458269a. PubMed PMID: 19295573.

Dutta L, Ahmad SI, Mukherjee SK, Mishra S, Khuroo A, Monif T. Liquid chromatography tandem mass spectrometry method for the simultaneous stereoselective determination of venlafaxine and its major metabolite, O-desmethylenlafaxine, in human plasma. Biomed Chromatogr. 2013 May;27(5):622-35. doi: 10.1002/bmc.2837. Epub 2012 Nov 20. PubMed PMID: 23166015.

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