

(S)-Mirtazapine-D3

Chemical Properties

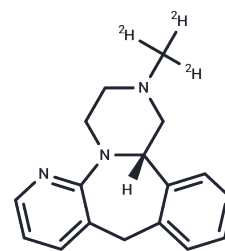
CAS No. :

Formula: C17H16D3N3

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

(S)-Mirtazapine-D3 is a deuterium labeled (S)-Mirtazapine (T12632L). (S)-Mirtazapine is a stereoselective antagonist of 5-HT₂ receptor. (S)-Mirtazapine is metabolized by CYP2D6 and CYP1A2.

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

Muth-Selbach U, et al. Racemic intrathecal mirtazapine but not its enantiomers acts anti-neuropathic after chronic constriction injury in rats. Brain Res Bull. 2009 Apr 6;79(1):63-8.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481