

Blonanserin D5

Chemical Properties

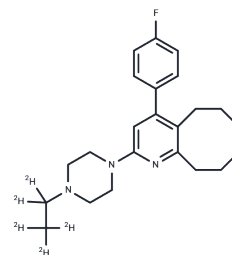
CAS No. :

Formula: C₂₃H₂₅D₅FN₃

Molecular Weight: 372.53

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

Blonanserin-D5 is a deuterium-labeled Blonanserin. Blonanserin (T1180) (AD-5423) is a dopamine D_{2/5}-HT₂ receptor antagonist with an atypical antipsychotic effect.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6843 mL	13.4217 mL	26.8435 mL
5 mM	0.5369 mL	2.6843 mL	5.3687 mL
10 mM	0.2684 mL	1.3422 mL	2.6843 mL
50 mM	0.0537 mL	0.2684 mL	0.5369 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

Tenjin, T., et al., Profile of blonanserin for the treatment of schizophrenia. *Neuropsychiatr Dis Treat*, 2013. 9: p. 587-94.

Oka, M., et al., Pharmacological profile of AD-5423, a novel antipsychotic with both potent dopamine-D₂ and serotonin-5₂ antagonist properties. *J Pharmacol Exp Ther*, 1993. 264(1): p. 158-65.

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