

Blonanserin D8

Chemical Properties

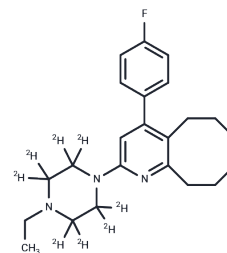
CAS No. :

Formula: C₂₃H₂₂D₈FN₃

Molecular Weight: 375.55

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-D8 is a deuterium-labeled Blonanserin. Blonanserin (T1180) (AD-5423) is a dopamine D₂/5-HT₂ receptor antagonist with an atypical antipsychotic effect.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6628 mL	13.3138 mL	26.6276 mL
5 mM	0.5326 mL	2.6628 mL	5.3255 mL
10 mM	0.2663 mL	1.3314 mL	2.6628 mL
50 mM	0.0533 mL	0.2663 mL	0.5326 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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