

Pimavanserin-D3

Chemical Properties

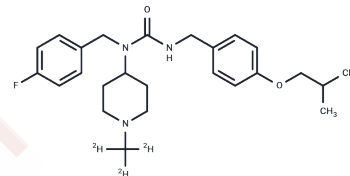
CAS No. :

Formula: C₂₅H₃₁D₃FN₃O₂

Molecular Weight: 430.57

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

Pimavanserin-D3 is a deuterated compound of Pimavanserin. Pimavanserin (T2076) has a CAS number of 706779-91-1. Pimavanserin (ACP-103) is an effective and specific 5-HT_{2A} receptor inverse agonist (mean pIC₅₀: 8.7, in the cell-based functional assay). Pimavanserin (T2076) is an atypical antipsychotic used in the treatment of hallucinations and psychosis in patients with Parkinson disease.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3225 mL	11.6125 mL	23.225 mL
5 mM	0.4645 mL	2.3225 mL	4.645 mL
10 mM	0.2323 mL	1.1613 mL	2.3225 mL
50 mM	0.0465 mL	0.2323 mL	0.4645 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

1. Vanover KE, et al. Pharmacological and behavioral profile of N-(4-fluorophenylmethyl)-N-(1-methylpiperidin-4-yl)-N'-(4-(2-methylpropoxy)phenylmethyl) carbamide (2R,3R)-dihydroxybutanedioate (2:1) (ACP-103), a novel 5-hydroxytryptamine(2A) receptor inver

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