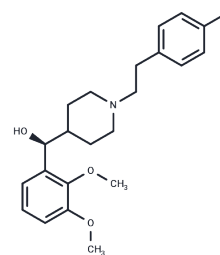


MDL 100009

Chemical Properties

CAS No. : 175673-57-1
 Formula: C₂₂H₂₈FNO₃
 Molecular Weight: 373.46
 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	MDL 100009, the S-enantiomer of MDL 100151 and the opposite enantiomer of MDL 100907, is a selective antagonist of 5-HT _{2A} .
Targets(IC ₅₀)	5-HT Receptor

Solubility Information

Solubility	DMSO: 10 mg/mL (26.78 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6777 mL	13.3883 mL	26.7766 mL
5 mM	0.5355 mL	2.6777 mL	5.3553 mL
10 mM	0.2678 mL	1.3388 mL	2.6777 mL
50 mM	0.0536 mL	0.2678 mL	0.5355 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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