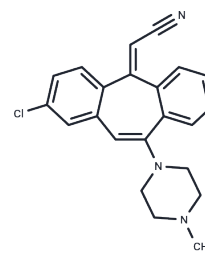


Rilapine

Chemical Properties

CAS No. :	79781-95-6
Formula:	C ₂₂ H ₂₀ ClN ₃
Molecular Weight:	361.87
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	Rilapine (Rilapinum) is an antipsychotic compound that shows high affinity for 5-HT ₆ receptors and can be used to study neurological disorders.
Targets(IC50)	Others,5-HT Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7634 mL	13.8171 mL	27.6342 mL
5 mM	0.5527 mL	2.7634 mL	5.5268 mL
10 mM	0.2763 mL	1.3817 mL	2.7634 mL
50 mM	0.0553 mL	0.2763 mL	0.5527 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

Zeng XP, et al. Muscarinic m4 receptor activation by some atypical antipsychotic drugs. Eur J Pharmacol. 1997 Mar 5;321(3):349-54.

Roth BL, et al. Binding of typical and atypical antipsychotic agents to 5-hydroxytryptamine-6 and 5-hydroxytryptamine-7 receptors. J Pharmacol Exp Ther. 1994 Mar;268(3):1403-10.

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Bolden C, et al. Antagonism by antimuscarinic and neuroleptic compounds at the five cloned human muscarinic cholinergic receptors expressed in Chinese hamster ovary cells. J Pharmacol Exp Ther. 1992 Feb;260(2):576-80.

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