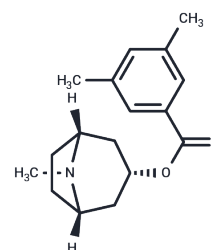


Tropanserin

Chemical Properties

CAS No. :	85181-40-4
Formula:	C ₁₇ H ₂₃ NO ₂
Molecular Weight:	273.37
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	Tropanserin (MDL 72422) is a 5-hydroxytryptamine receptor antagonist that inhibits 5-HT ₃ receptor activity. Tropanserin has anxiolytic activity and is used to treat depression and cognitive disorders.
Targets(IC ₅₀)	5-HT Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.658 mL	18.2902 mL	36.5805 mL
5 mM	0.7316 mL	3.658 mL	7.3161 mL
10 mM	0.3658 mL	1.829 mL	3.658 mL
50 mM	0.0732 mL	0.3658 mL	0.7316 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

Kopczyńska B, et al. 5HT₂ and 5HT₃ receptors' contribution to modeling of post-serotonin respiratory pattern in cats. Life Sci. 2004 Sep 24;75(19):2281-90.

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