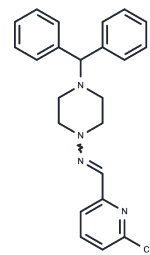


Ropizine

Chemical Properties

CAS No. :	3601-19-2
Formula:	C ₂₄ H ₂₆ N ₄
Molecular Weight:	370.49
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	Ropizine is a benzhydryl piperazine that acts as an allosteric modifier to decrease the dissociation rate of [3H]DM so that can be used as an anticonvulsant.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6991 mL	13.4956 mL	26.9913 mL
5 mM	0.5398 mL	2.6991 mL	5.3983 mL
10 mM	0.2699 mL	1.3496 mL	2.6991 mL
50 mM	0.054 mL	0.2699 mL	0.5398 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

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Klein M, Musacchio JM. Computer-assisted analysis of dextromethorphan and (+)-3-(-3-hydroxyphenyl)-N-(1-propyl)piperidine binding sites in rat brain. Allosteric effects of ropizine. *Life Sci.* 1990;47(18):1625-34. PubMed PMID: 2250576.

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