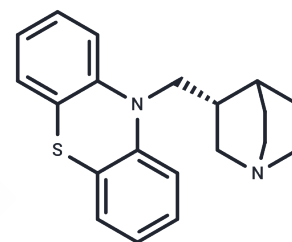


(R)-Mequitazine

Chemical Properties

CAS No. :	147780-50-5
Formula:	C ₂₀ H ₂₂ N ₂ S
Molecular Weight:	322.47
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	(R)-Mequitazine, a muscarinic acetylcholine receptor (M-AChRs) antagonist, is used potentially for the treatment of asthma.
Targets(IC50)	Others,Histamine Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.1011 mL	15.5053 mL	31.0106 mL
5 mM	0.6202 mL	3.1011 mL	6.2021 mL
10 mM	0.3101 mL	1.5505 mL	3.1011 mL
50 mM	0.062 mL	0.3101 mL	0.6202 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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- De Rotalier P, Faye M, Sissokho B, Fall D. [Allergies in ENT]. Dakar Med. 2007;52(1):2-6. French. PubMed PMID: 19102083.
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