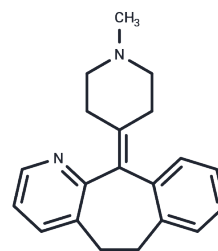


Azatadine

Chemical Properties

CAS No. :	3964-81-6
Formula:	C ₂₀ H ₂₂ N ₂
Molecular Weight:	290.4
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	Azatadine is histamine and cholinergic inhibitor (IC ₅₀ : 6.5 nM and 10 nM, respectively).
Targets(IC ₅₀)	Others, Histamine Receptor

Solubility Information

Solubility	DMSO: Soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.4435 mL	17.2176 mL	34.4353 mL
5 mM	0.6887 mL	3.4435 mL	6.8871 mL
10 mM	0.3444 mL	1.7218 mL	3.4435 mL
50 mM	0.0689 mL	0.3444 mL	0.6887 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

- Jacobson K A, Ivanov A A, de Castro S, et al. Development of selective agonists and antagonists of P₂Y receptors. *Purinergic Signal*, 2009, 5(1): 75-89.
- Hardwick J C, Ehrlich Y H, Hendley E D. Extracellular ATP stimulates norepinephrine uptake in PC12 cells. *Journal of Neurochemistry*, 1989, 53(5):1512-1518.
- Liu P, Lalor D, Bowser S S, et al. Regulation of arachidonic acid release and prostaglandin E₂ production in thymic epithelial cells by ATP_γS and transforming growth factor- α . *Cellular immunology*, 1998, 188(2): 81-88.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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