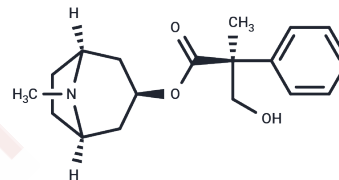


Atropine

Chemical Properties

CAS No. :	428-07-9
Formula:	C ₁₈ H ₂₅ NO ₃
Molecular Weight:	303.40
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	Atropine is a bioactive chemical.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.296 mL	16.4799 mL	32.9598 mL
5 mM	0.6592 mL	3.296 mL	6.592 mL
10 mM	0.3296 mL	1.648 mL	3.296 mL
50 mM	0.0659 mL	0.3296 mL	0.6592 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

- Grzybowski A, Armesto A, Szwajkowska M, Iribarren G, Iribarren R. The Role of Atropine Eye Drops in Myopia Control. *Curr Pharm Des.* 2015;21(32):4718-30. Review. PubMed PMID: 26350533.
- Clark TY, Clark RA. Atropine 0.01% Eyedrops Significantly Reduce the Progression of Childhood Myopia. *J Ocul Pharmacol Ther.* 2015 Nov;31(9):541-5. doi: 10.1089/jop.2015.0043. Epub 2015 Jul 28. PubMed PMID: 26218150.
- Yost J, Baldwin P, Bellenger S, Bradshaw F, Causapin E, Demotica R, Livingston M, Lee C, Gegel B, Burgert J, Claessens A, Johnson D, Loughren M. The pharmacokinetics of intraosseous atropine in hypovolemic swine. *Am J Disaster Med.* 2015 Autumn;10(3):217-22. doi: 10.5055/ajdm.2015.0204. PubMed PMID: 26663305.
- Pisano A. Atropine for premedication: is no longer the time to be nostalgic. *Minerva Anestesiol.* 2014 Jan;80(1):123-4. Epub 2013 Jul 16. PubMed PMID: 23857447.

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