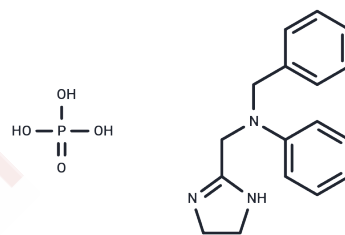


Antazoline phosphate

Chemical Properties

CAS No. :	154-68-7
Formula:	C ₁₇ H ₂₂ N ₃ O ₄ P
Molecular Weight:	363.35
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	Antazoline phosphate is an antihistamine with anticholinergic properties. Antazoline prevents the typical allergic symptoms on capillaries, mucous membranes, skin, and gastrointestinal and bronchial smooth muscles by antagonizing the histamine H1 receptor.
Targets(IC50)	Others,Histamine Receptor

Solubility Information

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

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7522 mL	13.7608 mL	27.5217 mL
5 mM	0.5504 mL	2.7522 mL	5.5043 mL
10 mM	0.2752 mL	1.3761 mL	2.7522 mL
50 mM	0.055 mL	0.2752 mL	0.5504 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

Balsam P, Koźluk E, Peller M, Piątkowska A, Łodziński P, Kiliszek M, Kottowski Ł, Grabowski M, Opolski G. Antazoline for termination of atrial fibrillation during the procedure of pulmonary veins isolation. *Adv Med Sci*. 2015 Sep;60(2):231-5. doi: 10.1016/j.advms.2015.03.002. Epub 2015 Apr 1. PubMed PMID: 25919055.

Piotrowski R, Kryński T, Baran J, Futyma P, Stec S, Kułakowski P. Antazoline for rapid termination of atrial fibrillation during ablation of accessory pathways. *Cardiol J*. 2014;21(3):299-303. doi: 10.5603/CJ.a2013.0121. Epub 2013 Aug 30. PubMed PMID: 23990192.

Wang R, Chu Y, Li X, Wan B, Yu T, Wang L, Hao L, Guo M. Determination of antazoline hydrochloride in rat plasma and excreta by reversed-phase ion-pair chromatography and its application to pharmacokinetics. *Biomed Chromatogr*. 2013 Dec;27(12):1595-602. doi: 10.1002/bmc.2965. Epub 2013 Jul 12. PubMed PMID: 23847054.

Li X, Chu Y, Ke Y, Wang L, Yu T, Hao L. Determination of antazoline hydrochloride in Beagle dog plasma by HPLC-UV and its application to pharmacokinetics. *J Chromatogr B Analyt Technol Biomed Life Sci*. 2013 Jun 15;929:97-101. doi: 10.1016/j.jchromb.2013.04.021. Epub 2013 Apr 20. PubMed PMID: 23669609.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481