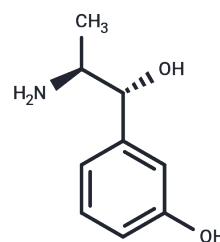


Metaraminol

Chemical Properties

CAS No. :	54-49-9
Formula:	C9H13NO2
Molecular Weight:	167.21
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	Metaraminol is a sympathomimetic agent that acts predominantly at alpha-1 adrenergic receptors.
Targets(IC50)	Others, Adrenergic Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.9805 mL	29.9025 mL	59.805 mL
5 mM	1.1961 mL	5.9805 mL	11.961 mL
10 mM	0.5981 mL	2.9903 mL	5.9805 mL
50 mM	0.1196 mL	0.5981 mL	1.1961 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

Hill DW, Hyde WG, Kind AJ, Greulich D, Hopkins S. Development of analytical methods for the detection of metaraminol in the horse. *J Anal Toxicol.* 2000 May-Jun;24(4):281-8. PubMed PMID: 10872576.

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Natalini G, Schivalocchi V, Rosano A, Taranto M, Pletti C, Bernardini A. Norepinephrine and metaraminol in septic shock: a comparison of the hemodynamic effects. *Intensive Care Med.* 2005 May;31(5):634-7. Epub 2005 Apr 1. PubMed PMID: 15803299.

Critchley LA, Yu SC. A comparative study of three different methods of administering metaraminol during spinal anaesthesia in the elderly. *Anaesth Intensive Care.* 2001 Apr;29(2):141-8. PubMed PMID: 11314833.

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