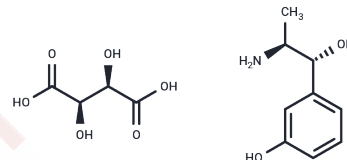


Metaraminol tartrate

Chemical Properties

CAS No. :	33402-03-8
Formula:	C ₁₃ H ₁₉ NO ₈
Molecular Weight:	317.29
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Metaraminol tartrate (Metaradrine tartrate) is a sympathomimetic agent that acts predominantly at alpha-1 adrenergic receptors. It has been used primarily as a vasoconstrictor in the treatment of HYPOTENSION.
Targets(IC ₅₀)	Adrenergic Receptor

Solubility Information

Solubility	DMSO: 50 mg/mL (157.58 mM),Sonication is recommended. H ₂ O: 198.6 mM,Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.1517 mL	15.7585 mL	31.5169 mL
5 mM	0.6303 mL	3.1517 mL	6.3034 mL
10 mM	0.3152 mL	1.5758 mL	3.1517 mL
50 mM	0.063 mL	0.3152 mL	0.6303 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.

Reference

Tatsuta M, et al. Int J Y. 1998 Jul 29;77(3):467-9.

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