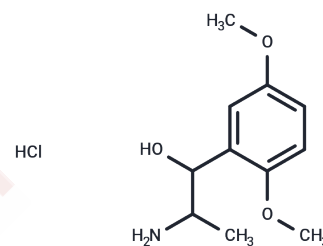


Methoxamine hydrochloride

Chemical Properties

CAS No. :	61-16-5
Formula:	C ₁₁ H ₁₈ ClNO ₃
Molecular Weight:	247.719
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Methoxamine hydrochloride (Methoxamine HCl) is an alpha-1 adrenergic agonist that causes prolonged peripheral VASOCONSTRICTION.
Targets(IC50)	Adrenergic Receptor

Solubility Information

Solubility	DMSO: 60 mg/mL (242.21 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	4.0368 mL	20.1841 mL	40.3682 mL
5 mM	0.8074 mL	4.0368 mL	8.0736 mL
10 mM	0.4037 mL	2.0184 mL	4.0368 mL
50 mM	0.0807 mL	0.4037 mL	0.8074 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

Satoh M, et al. Eur J Pharmacol. 1994 Nov 24;265(3):133-9.

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