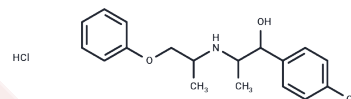


## Isoxsuprine hydrochloride

## Chemical Properties

CAS No. :	579-56-6
Formula:	C <sub>18</sub> H <sub>24</sub> ClNO <sub>3</sub>
Molecular Weight:	337.84
Appearance:	no data available
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year



## Biological Description

Description	Isoxsuprine hydrochloride (Isolait) is a beta-adrenergic agonist that causes direct relaxation of uterine and vascular smooth muscle.
Targets(IC50)	Adrenergic Receptor,iGluR

## Solubility Information

Solubility	H <sub>2</sub> O: 11.8 mM,Sonication is recommended. DMSO: 45 mg/mL (133.2 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	2.960 mL	14.7999 mL	29.5998 mL
5 mM	0.592 mL	2.960 mL	5.920 mL
10 mM	0.296 mL	1.480 mL	2.960 mL
50 mM	0.0592 mL	0.296 mL	0.592 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

Gozo EG Jr, Yebes RB. Chest. 1984 Nov;86(5):736-40.

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