

## Scopine hydrochloride

## Chemical Properties

CAS No. : 85700-55-6  
 Formula: C<sub>8</sub>H<sub>13</sub>NO<sub>2</sub>·HCl  
 Molecular Weight: 191.66  
 Appearance: no data available  
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

HCl



## Biological Description

Description	Scopine hydrochloride (6,7-Epoxytropine hydrochloride), a metabolite of anisodine, acts as an $\alpha$ 1-adrenergic receptor agonist and is utilized in managing acute circulatory shock.
Targets(IC50)	Adrenergic Receptor

## Solubility Information

Solubility	DMSO: 15 mg/mL (78.26 mM), Sonication is recommended. Ethanol: <1 mg/mL (<1 mM), (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.2176 mL	26.0879 mL	52.1757 mL
5 mM	1.0435 mL	5.2176 mL	10.4351 mL
10 mM	0.5218 mL	2.6088 mL	5.2176 mL
50 mM	0.1044 mL	0.5218 mL	1.0435 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

Wang X, et al. Scopine as a novel brain-targeting moiety enhances the brain uptake of chlorambucil. Bioconjug Chem. 2014 Nov 19;25(11):2046-54.

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