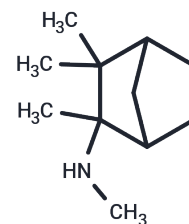


## Mecamylamine hydrochloride

## Chemical Properties

CAS No. :	826-39-1
Formula:	C <sub>11</sub> H <sub>22</sub> ClN
Molecular Weight:	203.75
Appearance:	no data available
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year

HCl



## Biological Description

Description	Mecamylamine hydrochloride (Mevasin) is a nicotinic antagonist, used as a ganglionic blocker in hypertension.
Targets(IC50)	AChR

## Solubility Information

Solubility	DMSO: 15.3 mg/mL (75.09 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	4.908 mL	24.5399 mL	49.0798 mL
5 mM	0.9816 mL	4.908 mL	9.816 mL
10 mM	0.4908 mL	2.454 mL	4.908 mL
50 mM	0.0982 mL	0.4908 mL	0.9816 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

Struthers AM, et al. Pharmacol Biochem Behav. 2009 Dec;94(2):319-28.

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