

## Pargyline hydrochloride

## Chemical Properties

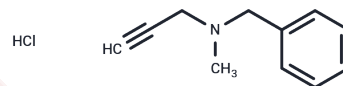
CAS No. : 306-07-0

Formula: C<sub>11</sub>H<sub>14</sub>ClN

Molecular Weight: 195.69

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



## Biological Description

Description	Pargyline hydrochloride (Pargylamine hydrochloride) is an irreversible monoamine oxidase(MAO) inhibitor with antihypertensive properties.
Targets(IC50)	MAO, Monoamine Oxidase

## Solubility Information

Solubility	DMSO: 50 mg/mL (255.51 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+40% PEG300+5% Tween 80+45% Saline: 2 mg/mL (10.22 mM), Sonication is recommended. <i>Please add the solvents sequentially, clarifying the solution as much as possible before adding the next one. Dissolve by heating and/or sonication if necessary. Working solution is recommended to be prepared and used immediately. The formulation provided above is for reference purposes only. In vivo formulations may vary and should be modified based on specific experimental conditions.</i>

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.1101 mL	25.5506 mL	51.1012 mL
5 mM	1.022 mL	5.1101 mL	10.2202 mL
10 mM	0.511 mL	2.5551 mL	5.1101 mL
50 mM	0.1022 mL	0.511 mL	1.022 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.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Patkar AA, et al. CNS Spectr. 2006, 11(5):363-75.

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