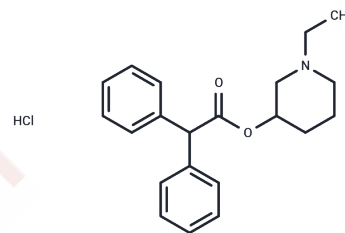


## Piperidolate hydrochloride

## Chemical Properties

CAS No. :	129-77-1
Formula:	C <sub>21</sub> H <sub>26</sub> ClNO <sub>2</sub>
Molecular Weight:	359.89
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	Piperidolate hydrochloride is an antimuscarinic, could restrain the abnormal activity caused by acetylcholine. inhibits intestinal cramp induced by acetylcholine (rats and dogs).
Targets(IC50)	AChR

## Solubility Information

Solubility	DMSO: 32 mg/mL (88.92 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	2.7786 mL	13.8931 mL	27.7863 mL
5 mM	0.5557 mL	2.7786 mL	5.5573 mL
10 mM	0.2779 mL	1.3893 mL	2.7786 mL
50 mM	0.0556 mL	0.2779 mL	0.5557 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

Salle J . [Effect of piperidolate hydrochloride on Oddi's sphincter function in the guinea pig][J]. Comptes Rendus Des Séances De La Société De Biologie Et De Ses Filiales, 1958, 152(4):575.

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