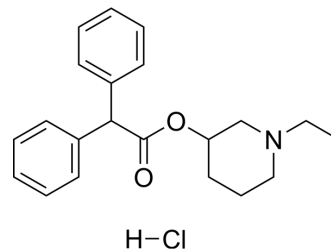


Piperidolate hydrochloride

Cat. No.:	HY-B0962
CAS No.:	129-77-1
Molecular Formula:	C ₂₁ H ₂₆ ClNO ₂
Molecular Weight:	359.89
Target:	mAChR
Pathway:	GPCR/G Protein; Neuronal Signaling
Storage:	4°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



SOLVENT & SOLUBILITY

In Vitro

H₂O : 50 mg/mL (138.93 mM; Need ultrasonic)

DMSO : ≥ 32 mg/mL (88.92 mM)

* "≥" means soluble, but saturation unknown.

Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg
		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		

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

Piperidolate hydrochloride is an antimuscarinic, inhibits intestinal cramp induced by acetylcholine (rats and dogs).

Caution: Product has not been fully validated for medical applications. For research use only.

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