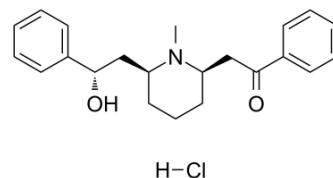


Lobeline hydrochloride

Cat. No.: HY-B0979
CAS No.: 134-63-4
Molecular Formula: C₂₂H₂₈ClNO₂
Molecular Weight: 373.92
Target: nAChR
Pathway: Membrane Transporter/Ion Channel; Neuronal Signaling
Storage: 4°C, protect from light
 * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro

H₂O : 6 mg/mL (16.05 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	2.6744 mL	13.3718 mL	26.7437 mL
	5 mM	0.5349 mL	2.6744 mL	5.3487 mL
	10 mM	0.2674 mL	1.3372 mL	2.6744 mL

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

BIOLOGICAL ACTIVITY

Description

Lobeline hydrochloride, a nicotinic receptor agonist, acting as a potent antagonist at both α₃β₂ and α₄β₂ neuronal nicotinic receptor subtypes.

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

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