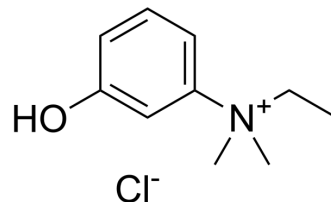


Edrophonium chloride

Cat. No.:	HY-B0882
CAS No.:	116-38-1
Molecular Formula:	C ₁₀ H ₁₆ ClNO
Molecular Weight:	201.69
Target:	Cholinesterase (ChE)
Pathway:	Neuronal Signaling
Storage:	-20°C, sealed storage, away from moisture and light * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 62.5 mg/mL (309.88 mM; Need ultrasonic)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	4.9581 mL	24.7905 mL	49.5810 mL
5 mM	0.9916 mL	4.9581 mL	9.9162 mL
10 mM	0.4958 mL	2.4791 mL	4.9581 mL

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

In Vivo

- Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline
Solubility: ≥ 2.08 mg/mL (10.31 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
Solubility: ≥ 2.08 mg/mL (10.31 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil
Solubility: ≥ 2.08 mg/mL (10.31 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

Edrophonium chloride is a reversible inhibitor of acetylcholinesterase.

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

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