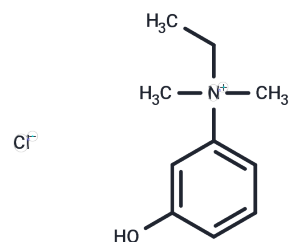


Edrophonium chloride

Chemical Properties

CAS No. :	116-38-1
Formula:	C10H16ClNO
Molecular Weight:	201.69
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Edrophonium chloride is an acetylcholinesterase (AChE) inhibitor that is known to prevent the breakdown of the neurotransmitter acetylcholine by binding specifically to its catalytic site.
Targets(IC50)	AChE

Solubility Information

Solubility	DMSO: 31 mg/mL (153.70 mM), (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	--

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.9581 mL	24.7905 mL	49.581 mL
5 mM	0.9916 mL	4.9581 mL	9.9162 mL
10 mM	0.4958 mL	2.4791 mL	4.9581 mL
50 mM	0.0992 mL	0.4958 mL	0.9916 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.

Reference

Boyle N A J , Talesa V , Giovannini E , et al. Synthesis and Study of Thiocarbonate Derivatives of Choline as Potential Inhibitors of Acetylcholinesterase[J]. Journal of Medicinal Chemistry, 1997, 40(19):3009-3013.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only. Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:36 Washington Street,Wellesley Hills,MA 02481