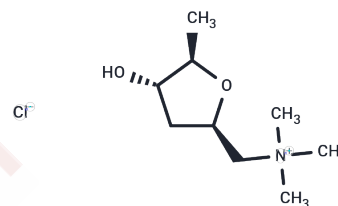


(±)-Muscarine chloride**Chemical Properties**

CAS No. :	2936-25-6
Formula:	C ₉ H ₂₀ ClNO ₂
Molecular Weight:	209.71
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	(±)-Muscarine chloride is the racemate of Muscarine chloride, a prototypical agonist for the muscarinic acetylcholine receptor [1] [2].
Targets(IC50)	Others,AChR
In vivo	When administered directly into the cerebral ventricles of conscious cats, (±)-Muscarine chloride activates certain sites in the CNS, resulting in aggressive behavior. The reaction to muscarine is dose-dependent: high doses specifically target muscarinic cholinergic sites, whereas low doses affect cholinergic sites displaying both muscarinic and nicotinic properties [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.7685 mL	23.8424 mL	47.6849 mL
5 mM	0.9537 mL	4.7685 mL	9.537 mL
10 mM	0.4768 mL	2.3842 mL	4.7685 mL
50 mM	0.0954 mL	0.4768 mL	0.9537 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.

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