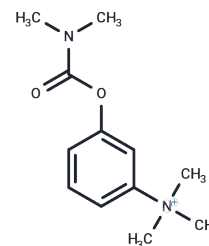


## Neostigmine

## Chemical Properties

CAS No. :	59-99-4
Formula:	C <sub>12</sub> H <sub>19</sub> N <sub>2</sub> O <sub>2</sub>
Molecular Weight:	223.29
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	Neostigmine is a cholinesterase inhibitor used in the treatment of myasthenia gravis and to reverse the effects of muscle relaxants such as gallamine and tubocurarine. Neostigmine, unlike PHYSOSTIGMINE, does not cross the blood-brain barrier.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.4785 mL	22.3924 mL	44.7848 mL
5 mM	0.8957 mL	4.4785 mL	8.957 mL
10 mM	0.4478 mL	2.2392 mL	4.4785 mL
50 mM	0.0896 mL	0.4478 mL	0.8957 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.

## Reference

Gao H, Lu L, Li L, et al. Electroacupuncture treatment improves postoperative ileus by inhibiting the Th1 cell-mediated inflammatory response through the vagus nerve. *Acupuncture in Medicine*. 2024: 09645284241248466.

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: 34 Washington Street, Wellesley Hills, MA 02481