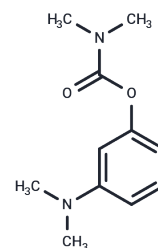


Norneostigmine

Chemical Properties

CAS No. :	16088-19-0
Formula:	C ₁₁ H ₁₆ N ₂ O ₂
Molecular Weight:	208.26
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	Norneostigmine is a potent inhibitor of AChE capable of crossing the blood-brain barrier. When administered to mice, it achieves a 50% inhibition rate of brain AChE activity within 10 minutes, comparable to the effect of Tetrahydroaminoacridine (57% inhibition in 10 minutes). Norneostigmine is applicable in research on Alzheimer's disease and other memory-related disorders.
Targets(IC50)	Cholinesterase (ChE)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.8017 mL	24.0085 mL	48.0169 mL
5 mM	0.9603 mL	4.8017 mL	9.6034 mL
10 mM	0.4802 mL	2.4008 mL	4.8017 mL
50 mM	0.096 mL	0.4802 mL	0.9603 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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