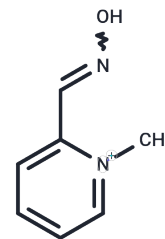


Pralidoxime

Chemical Properties

CAS No. : 6735-59-7
 Formula: C₇H₉N₂O
 Molecular Weight: 137.16
 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	Pralidoxime is a potent antidote for organophosphate poisoning, effectively reactivating acetylcholinesterase (AChE) that has been inhibited by nerve agents. It achieves this reactivation through a direct nucleophilic attack of its oxime moiety on the phosphorus center of the bound nerve agent, restoring AChE function.
Targets(IC50)	Others,Cholinesterase (ChE)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	7.2908 mL	36.4538 mL	72.9076 mL
5 mM	1.4582 mL	7.2908 mL	14.5815 mL
10 mM	0.7291 mL	3.6454 mL	7.2908 mL
50 mM	0.1458 mL	0.7291 mL	1.4582 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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