

Pralidoxime Iodide

Chemical Properties

CAS No.:	94-63-3
Formula:	C ₇ H ₉ N ₂ O.I
Molecular Weight:	264.06
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).

Biological Description

Description	Pralidoxime Iodide, also named 2-PAM, is an antidote approved for reactivation of inhibited acetylcholinesterase (AChE) in organophosphate poisoning.
Targets(IC ₅₀)	Others: None

Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.787 mL	18.935 mL	37.87 mL
5 mM	0.757 mL	3.787 mL	7.574 mL
10 mM	0.379 mL	1.894 mL	3.787 mL
50 mM	0.076 mL	0.379 mL	0.757 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

1. Sakurada K, et al. Neurochem Res. 2003, 28(9):1401-7.

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Tel:781-999-4286

E-mail:info@targetmol.com

Address:36 Washington Street,Wellesley Hills,MA 02481