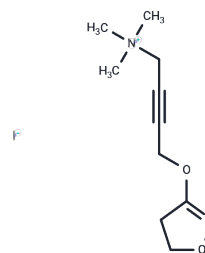


## Iperoxo

## Chemical Properties

CAS No. :	247079-84-1
Formula:	C <sub>10</sub> H <sub>17</sub> N <sub>2</sub> O <sub>2</sub>
Molecular Weight:	324.16
Storage:	Keep away from direct sunlight Powder: -20°C for 3 years   In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



## Biological Description

Description	Iperoxo (Iperoxo iodide) is an agonist of Muscarinic AChR and can be used to probe activation-related conformational transitions of muscarinic receptors.
Targets(IC50)	AChR

## Solubility Information

Solubility	DMSO: 56.7 mg/mL (174.91 mM), Sonication and heating to 60°C are recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0849 mL	15.4245 mL	30.849 mL
5 mM	0.617 mL	3.0849 mL	6.1698 mL
10 mM	0.3085 mL	1.5424 mL	3.0849 mL
50 mM	0.0617 mL	0.3085 mL	0.617 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

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