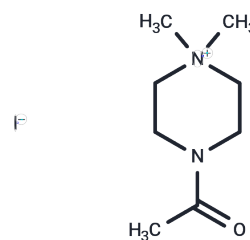


## 1,1-Dimethyl-4-acetylpiperazinium iodide

## Chemical Properties

CAS No. :	75667-84-4
Formula:	C <sub>8</sub> H <sub>17</sub> N <sub>2</sub> O
Molecular Weight:	284.138
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	1,1-Dimethyl-4-acetylpiperazinium iodide is an agonist of nicotinic acetylcholine receptors (nAChR) that activates ion channels, resulting in depolarization of the cell membrane.
Targets(IC50)	AChR

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.5194 mL	17.597 mL	35.1939 mL
5 mM	0.7039 mL	3.5194 mL	7.0388 mL
10 mM	0.3519 mL	1.7597 mL	3.5194 mL
50 mM	0.0704 mL	0.3519 mL	0.7039 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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