

α -Nicotine

Chemical Properties

CAS No. :	23950-04-1
Formula:	C10H14N2
Molecular Weight:	162.24
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	α -Nicotine is an α -isomer of nicotine. Nicotine acts as an agonist of nicotinic acetylcholine receptors (nAChR) and holds potential for research in neuropsychiatric disorders such as schizophrenia and ADHD.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	6.1637 mL	30.8185 mL	61.6371 mL
5 mM	1.2327 mL	6.1637 mL	12.3274 mL
10 mM	0.6164 mL	3.0819 mL	6.1637 mL
50 mM	0.1233 mL	0.6164 mL	1.2327 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.

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