

## Isonicotine

## Chemical Properties

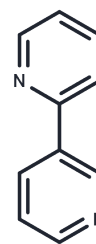
CAS No. : 581-50-0

Formula: C<sub>10</sub>H<sub>8</sub>N<sub>2</sub>

Molecular Weight: 156.18

Storage: Pure form: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



## Biological Description

Description	Isonicotine is a structural isomer of pyridine alkaloids and nicotine, widely used in biochemical experiments and drug synthesis research.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	6.4029 mL	32.0143 mL	64.0287 mL
5 mM	1.2806 mL	6.4029 mL	12.8057 mL
10 mM	0.6403 mL	3.2014 mL	6.4029 mL
50 mM	0.1281 mL	0.6403 mL	1.2806 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

Lisko JG, et al. Application of GC-MS/MS for the analysis of tobacco alkaloids in cigarette filler and various tobacco species. Anal Chem. 2013 Mar 19;85(6):3380-4.

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