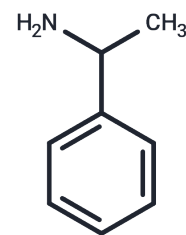


## 1-Phenylethylamine

## Chemical Properties

CAS No. :	618-36-0
Formula:	C <sub>8</sub> H <sub>11</sub> N
Molecular Weight:	121.18
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-Phenylethylamine, a potential central nervous system stimulant related to $\beta$ -phenylethylamine ( $\beta$ -phenylethylamine), exhibits diminished glycogenolysis activity in the brain due to its benzene ring being replaced by an indole group. This reduction in activity makes it useful for investigating how the chemical structure of phenylethylamine derivatives influences their effects on the central nervous system. Additionally, 1-Phenylethylamine is also utilized in the synthesis of the tyrosine kinase (tyrosine kinase) inhibitor CLM3.
Targets(IC50)	Endogenous Metabolite, Monoamine Oxidase

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	8.2522 mL	41.2609 mL	82.5219 mL
5 mM	1.6504 mL	8.2522 mL	16.5044 mL
10 mM	0.8252 mL	4.1261 mL	8.2522 mL
50 mM	0.165 mL	0.8252 mL	1.6504 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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