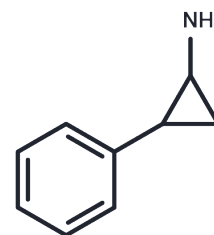


## 2-Phenylcyclopropane-1-amine

## Chemical Properties

CAS No. :	54-97-7
Formula:	C <sub>9</sub> H <sub>11</sub> N
Molecular Weight:	133.19
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	2-Phenylcyclopropane-1-amine is a small molecule belonging to the class of chiral cyclopropanamines with a phenyl ring substitution; it exhibits $\mu\text{M}$ -level inhibitory activity against lysine-specific histone demethylase 1.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	7.5081 mL	37.5404 mL	75.0807 mL
5 mM	1.5016 mL	7.5081 mL	15.0161 mL
10 mM	0.7508 mL	3.754 mL	7.5081 mL
50 mM	0.1502 mL	0.7508 mL	1.5016 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

Duan YC, et al. Discovery of resveratrol derivatives as novel LSD1 inhibitors: Design, synthesis and their biological evaluation. Eur J Med Chem. 2017;126:246-258.

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