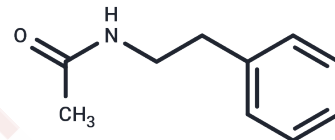


## N-Phenethylacetamide

## Chemical Properties

CAS No. :	877-95-2
Formula:	C <sub>10</sub> H <sub>13</sub> NO
Molecular Weight:	163.22
Storage:	Store under nitrogen Powder: -20°C for 3 years   In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



## Biological Description

Description	N-Phenethylacetamide is an amide derivative of phenethylamine that can be used as a reference standard for quality control and analytical testing, and it can also be employed as an effective antimicrobial agent for use in aquaculture systems.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	6.1267 mL	30.6335 mL	61.267 mL
5 mM	1.2253 mL	6.1267 mL	12.2534 mL
10 mM	0.6127 mL	3.0634 mL	6.1267 mL
50 mM	0.1225 mL	0.6127 mL	1.2253 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

- Ding W, et al. Investigation on Metabolites in Structure and Biosynthesis from the Deep-Sea Sediment-Derived Actinomycete Janibacter sp. SCSIO 52865. *Molecules*. 2023 Feb 24;28(5):2133.
- Adpressa DA, et al. A metabolomics-guided approach to discover *Fusarium graminearum* metabolites after removal of a repressive histone modification. *Fungal Genet Biol*. 2019 Nov;132:103256.

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