

2-Phenylethyl Acetate

Chemical Properties

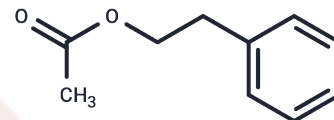
CAS No. : 103-45-7

Formula: C₁₀H₁₂O₂

Molecular Weight: 164.2

Storage: Store at RT

Actual storage temperature shall be subject to the COA.



Biological Description

Description	2-Phenylethyl Acetate is an Ebola virus inhibitor and can be used in biochemical experiments and drug synthesis.
Targets(IC50)	Influenza Virus

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	6.0901 mL	30.4507 mL	60.9013 mL
5 mM	1.218 mL	6.0901 mL	12.1803 mL
10 mM	0.609 mL	3.0451 mL	6.0901 mL
50 mM	0.1218 mL	0.609 mL	1.218 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

McGinty D, et al. Fragrance material review on phenethyl acetate. Food Chem Toxicol. 2012 Sep;50 Suppl 2:S491-7.
 Sekar BS, et al. Bioproduction of Natural Phenethyl Acetate, Phenylacetic Acid, Ethyl Phenylacetate, and Phenethyl Phenylacetate from Renewable Feedstock. ChemSusChem. 2022 May 6;15(9):e202102645.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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