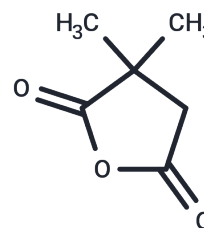


2,2-Dimethylsuccinicanhydride

Chemical Properties

CAS No. :	17347-61-4
Formula:	C ₆ H ₈ O ₃
Molecular Weight:	128.13
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	2,2-Dimethylsuccinicanhydride is a high purity biochemical reagent that can be used in research related to life sciences.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	7.8046 mL	39.0229 mL	78.0457 mL
5 mM	1.5609 mL	7.8046 mL	15.6091 mL
10 mM	0.7805 mL	3.9023 mL	7.8046 mL
50 mM	0.1561 mL	0.7805 mL	1.5609 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

Bruice, T. C., & Pandit, U. K. (1960). The Effect of Geminal Substitution Ring Size and Rotamer Distribution on the Intramolecular Nucleophilic Catalysis of the Hydrolysis of Monophenyl Esters of Dibasic Acids and the Solvolysis of the Intermediate Anhydrides. *Journal of the American Chemical Society*, 82(22), 5858-5865.

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