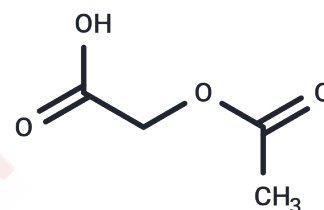


## Acetoxyacetic acid

## Chemical Properties

CAS No. :	13831-30-6
Formula:	C <sub>4</sub> H <sub>6</sub> O <sub>4</sub>
Molecular Weight:	118.09
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	Acetoxyacetic acid is an inhibitor of peptidyl-glycine alpha-amidating monooxygenase and can be used in biochemical experiments and drug synthesis.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	8.4681 mL	42.3406 mL	84.6812 mL
5 mM	1.6936 mL	8.4681 mL	16.9362 mL
10 mM	0.8468 mL	4.2341 mL	8.4681 mL
50 mM	0.1694 mL	0.8468 mL	1.6936 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

Morris KM, Cao F, Onagi H, Altamore TM, Gamble AB, Easton CJ. Prohormone-substrate peptide sequence recognition by peptidylglycine  $\alpha$ -amidating monooxygenase and its reflection in increased glycolate inhibitor potency. *Bioorganic & Medicinal Chemistry Letters*. 2012 Dec;22(23):7015-7018.

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