

## Papain Inhibitor acetate

## Chemical Properties

CAS No. :

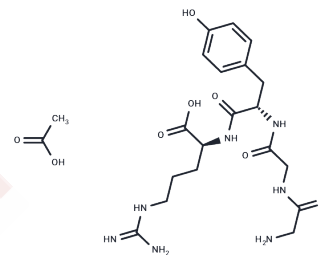
Formula: C21H33N7O8

Molecular Weight: 511.53

Keep away from moisture

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	Papain Inhibitor acetate (Gly-Gly-Tyr-Arg) is an affinity Ligand for Papain.
Targets(IC50)	Others

## Solubility Information

Solubility	DMSO: 22.5 mg/mL (43.99 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9549 mL	9.7746 mL	19.5492 mL
5 mM	0.391 mL	1.9549 mL	3.9098 mL
10 mM	0.1955 mL	0.9775 mL	1.9549 mL
50 mM	0.0391 mL	0.1955 mL	0.391 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

Nomoto M , Yamada K , Haga M , et al. Improvement of Intestinal Absorption of Peptide Drugs by Glycosylation: Transport of Tetrapeptide by the Sodium Ion-Dependent D-Glucose Transporter[J]. Journal of Pharmaceutical Sciences, 1998, 87( 3):326-332.

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