

Gly-Phe β -naphthylamide acetate

Chemical Properties

CAS No. :

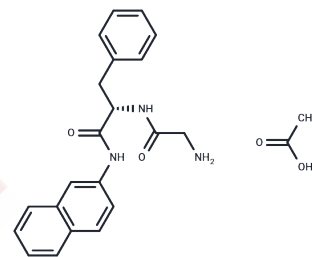
Formula: C₂₃H₂₅N₃O₄

Molecular Weight: 407.46

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	Gly-Phe β -naphthylamide acetate is the substrate of Cathepsin C and can be used for research on the function of cathepsin C, intralysosomal hydrolysis and lysosomal membrane permeability.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 55 mg/mL (134.98 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	2.4542 mL	12.2711 mL	24.5423 mL
5 mM	0.4908 mL	2.4542 mL	4.9085 mL
10 mM	0.2454 mL	1.2271 mL	2.4542 mL
50 mM	0.0491 mL	0.2454 mL	0.4908 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

Baumgartner HK, et. al. Caspase-8-mediated apoptosis induced by oxidative stress is independent of the intrinsic pathway and dependent on cathepsins. Am J Physiol Gastrointest Liver Physiol. 2007 Jul;293(1):G296-307.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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