

Glycyl-DL-phenylalanine

Chemical Properties

CAS No. : 721-66-4

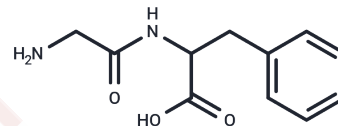
Formula: C₁₁H₁₄N₂O₃

Molecular Weight: 222.24

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	Glycyl-DL-phenylalanine is a phenylalanine derivative suitable for biochemical experiments and drug synthesis research.
Targets(IC50)	Amino Acids and Derivatives

Solubility Information

Solubility	DMSO: 45 mg/mL (229.36 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	4.4996 mL	22.4982 mL	44.9964 mL
5 mM	0.8999 mL	4.4996 mL	8.9993 mL
10 mM	0.450 mL	2.2498 mL	4.4996 mL
50 mM	0.090 mL	0.450 mL	0.8999 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

Luckose F, et al. Effects of amino acid derivatives on physical, mental, and physiological activities. Crit Rev Food Sci Nutr. 2015;55(13):1793-807.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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