

Di-aspartic acid

Chemical Properties

CAS No. : 58471-53-7

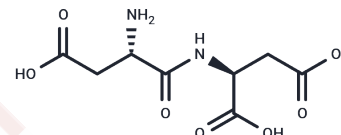
Formula: C₈H₁₂N₂O₇

Molecular Weight: 248.19

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	Di-aspartic acid is a dipeptide composed of two L-aspartic acid units and an endogenous metabolite, suitable for biochemical experiments and drug synthesis research.
Targets(IC50)	Amino Acids and Derivatives,Endogenous Metabolite,Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.0292 mL	20.1459 mL	40.2917 mL
5 mM	0.8058 mL	4.0292 mL	8.0583 mL
10 mM	0.4029 mL	2.0146 mL	4.0292 mL
50 mM	0.0806 mL	0.4029 mL	0.8058 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

Takahashi N, et al. Dipeptide utilization by the periodontal pathogens Porphyromonas gingivalis, Prevotella intermedia, Prevotella nigrescens and Fusobacterium nucleatum. Oral Microbiol Immunol. 2002 Feb;17(1):50-4.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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