

Leucyl-phenylalanine

Chemical Properties

CAS No. : 3063-05-6

Formula: C₁₅H₂₂N₂O₃

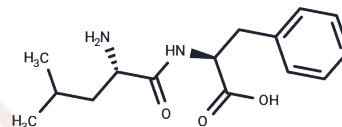
Molecular Weight: 278.35

Storage:

Keep away from moisture, Store at low temperature

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	Leucyl-phenylalanine (H-LEU-PHE-OH) is a dipeptide compound that can be used for protein synthesis.
Targets(IC50)	Endogenous Metabolite

Solubility Information

Solubility	Ethanol: 1 mg/mL (3.59 mM), Sonication is recommended. H ₂ O: 2 mg/mL (7.19 mM), Sonication is recommended. DMSO: <1 mg/mL (insoluble or slightly soluble.) (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.5926 mL	17.963 mL	35.926 mL
5 mM	0.7185 mL	3.5926 mL	7.1852 mL
10 mM	0.3593 mL	1.7963 mL	3.5926 mL
50 mM	0.0719 mL	0.3593 mL	0.7185 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

Wozel G, et al. Formyl-methionyl-leucyl-phenylalanine-induced intestinal inflammation. Gastroenterology. 1989 Sep;97(3):811-2.

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