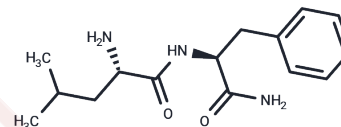


Leucyl-phenylalanine amide

Chemical Properties

CAS No. : 38678-60-3
 Formula: C₁₅H₂₃N₃O₂
 Molecular Weight: 277.36
 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	Leucyl-phenylalanine amide is an intermediate in the synthesis of γ -Secretase Inhibitor, the enzyme complex that catalyzes the cleavage of the amyloid precursor protein (APP) to produce amyloid β -peptide (A β) which is the major causative agent in Alzheimer disease (AD).
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.6054 mL	18.0271 mL	36.0542 mL
5 mM	0.7211 mL	3.6054 mL	7.2108 mL
10 mM	0.3605 mL	1.8027 mL	3.6054 mL
50 mM	0.0721 mL	0.3605 mL	0.7211 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

Peyton D, Breslow E. Use of perdeuterated peptides in NMR studies of neurophysin-hormone interaction: demonstration of peptide-specific changes in neurophysin resonances. *Biochem Biophys Res Commun.* 1985 May 16;128(3):1211-8. PubMed PMID: 4004858.

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