

N-terminally acetylated Leu-enkephalin

Chemical Properties

CAS No. :

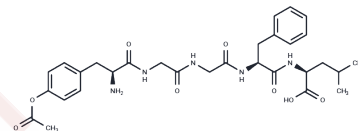
Formula: C₃₀H₃₉N₅O₈

Molecular Weight: 597.66

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	Leu-enkephalin, an endogenous peptide consisting of five amino acids, functions as an agonist at opioid receptors. The N-terminally acetylated form of this compound is known as N-terminally acetylated Leu-enkephalin.
Targets(IC50)	Opioid Receptor

Solubility Information

Solubility	DMSO: 10 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	1.6732 mL	8.366 mL	16.7319 mL
5 mM	0.3346 mL	1.6732 mL	3.3464 mL
10 mM	0.1673 mL	0.8366 mL	1.6732 mL
50 mM	0.0335 mL	0.1673 mL	0.3346 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

Leu-enkephalin is a five amino acid endogenous peptide that acts as an agonist at opioid receptors.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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