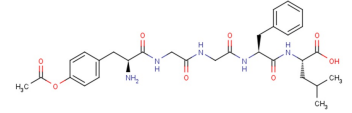


Data Sheet (Cat.No.T8557)

N-terminally acetylated Leu-enkephalin

Chemical Properties

CAS No.:	T8557
Formula:	C30H39N5O8
Molecular Weight:	597.66
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	Leu-enkephalin is a five amino acid endogenous peptide that acts as an agonist at opioid receptors. N-terminally acetylated Leu-enkephalin is the N-terminally acetylated form of Leu-enkephalin.
Targets(IC ₅₀)	Opioid Receptor: None

Solubility Information

Solubility	DMSO: 10 mM (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.673 mL	8.366 mL	16.732 mL
5 mM	0.335 mL	1.673 mL	3.346 mL
10 mM	0.167 mL	0.837 mL	1.673 mL
50 mM	0.033 mL	0.167 mL	0.335 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

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

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