

## Dynorphin B (1-13) acetate(83335-41-5 free base)

## Chemical Properties

CAS No. :

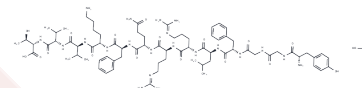
Formula: C76H119N21O19

Molecular Weight: 1630.89

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	Dynorphin B (1-13) acetate acts as an agonist on opioid $\kappa$ -receptor.
Targets(IC50)	Opioid Receptor
In vitro	Dynorphin B (1-13), a 13 amino acid, is an extraordinarily potent opioid peptide. The neurophysiological actions of Dynorphin B (1-13) have been the subject of considerable research effort[1].

## Solubility Information

Solubility	DMSO: 5 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	0.6132 mL	3.0658 mL	6.1316 mL
5 mM	0.1226 mL	0.6132 mL	1.2263 mL
10 mM	0.0613 mL	0.3066 mL	0.6132 mL
50 mM	0.0123 mL	0.0613 mL	0.1226 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

Chavkin C. Dynorphin--still an extraordinarily potent opioid peptide. Mol Pharmacol. 2013 Apr;83(4):729-36.

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