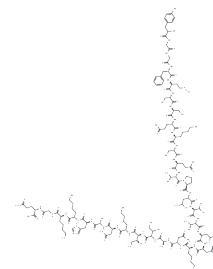


$\beta$ -Endorphin, equine

## Chemical Properties

CAS No. :	79495-86-6
Formula:	C154H248N42O44S
Molecular Weight:	3423.94
Storage:	Keep away from moisture Powder: -20°C for 3 years   In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



## Biological Description

Description	Endorphin Beta is A substance produced in the brain, especially in the pituitary gland, Endorphin Beta blocks the sensation of pain. Endorphin Beta is produced in response to pain, exercise, and other forms of stress. Endorphin Beta belongs to a group of chemicals called polypeptide hormones.
Targets(IC50)	Opioid Receptor

## Solubility Information

Solubility	H2O: Soluble, ( $< 1$ mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.2921 mL	1.4603 mL	2.9206 mL
5 mM	0.0584 mL	0.2921 mL	0.5841 mL
10 mM	0.0292 mL	0.146 mL	0.2921 mL
50 mM	0.0058 mL	0.0292 mL	0.0584 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

Yahav Dikshtein, et al.  $\beta$ -Endorphin via the Delta Opioid Receptor is a Major Factor in the Incubation of Cocaine Craving. *Neuropsychopharmacology*. 2013 Nov; 38(12): 2508-2514.

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