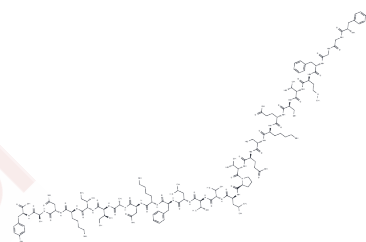


β -Endorphin (1-27) (human)

Chemical Properties

CAS No. :	76622-84-9
Formula:	C139H217N33O40S
Molecular Weight:	3022.47
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	β -Endorphin (1-27) (human) is an opioid antagonist that selectively binds to μ -, δ -, and κ -opioid receptors, with dissociation constants (K_{is}) of 5.31, 6.17, and 39.82 nM, respectively. It inhibits analgesia induced by both β -Endorphin and etorphine [1][2].
Targets(IC50)	Opioid Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.3309 mL	1.6543 mL	3.3086 mL
5 mM	0.0662 mL	0.3309 mL	0.6617 mL
10 mM	0.0331 mL	0.1654 mL	0.3309 mL
50 mM	0.0066 mL	0.0331 mL	0.0662 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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