

Human growth hormone-releasing factor

Chemical Properties

CAS No. : 83930-13-6

Formula: C215H358N72O66S

Molecular Weight: 5039.65

Human growth hormone-releasing factor

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	Human growth hormone-releasing factor stimulates GH production and release by binding to the GHRH Receptor (GHRHR) on cells in the anterior pituitary. Growth hormone-releasing hormone is a hormone produced in the hypothalamus. The main role of growth hormone-releasing hormone is to stimulate the pituitary gland to produce and release growth hormone into the bloodstream.
Targets(IC50)	GHSR

Solubility Information

Solubility	H2O: 25 mg/mL (4.96 mM), Sonication and heating are recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.1984 mL	0.9921 mL	1.9843 mL
5 mM	0.0397 mL	0.1984 mL	0.3969 mL
10 mM	0.0198 mL	0.0992 mL	0.1984 mL
50 mM	0.004 mL	0.0198 mL	0.0397 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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