

rGHRH(1-29)NH₂

Chemical Properties

CAS No. :

Formula: C155H251N49O40S

Molecular Weight: 3473.02

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	RGHRH (1-29)NH ₂ is a synthetic peptide that stimulates the secretion of growth hormone (GH).
Targets(IC50)	GHSR

Solubility Information

Solubility	H ₂ O: 50 mg/mL (14.4 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	0.2879 mL	1.4397 mL	2.8793 mL
5 mM	0.0576 mL	0.2879 mL	0.5759 mL
10 mM	0.0288 mL	0.144 mL	0.2879 mL
50 mM	0.0058 mL	0.0288 mL	0.0576 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

Boulanger L, et al. Catabolism of rat growth hormone-releasing factor(1-29) amide in rat serum and liver. Peptides. 1992 Jul-Aug;13(4):681-9.

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