Data Sheet (Cat.No.TP1393)

rGHRH(1-29)NH2

Chemical Properties

CAS No.:	TP1393
Formula：	C155H251N49O40S
Molecular Weight：	3473.02
Appearance:	N/A
Storage：	0-4℃ for short term (days to weeks), or -20℃ for long term (months).

Biological Description

Description	RGHRH (1-29)NH2 is a synthetic peptide that stimulates the secretion of growth hormone (GH).
In vivo	Time course studies of rGRF(1-29)NH2 disappearance show apparent half-lives of 18±4 min and 13±3 min in serum and liver homogete, respectively. This is accompanied by the appearance of degradation products that are all less hydrophobic than the tive peptide. In the serum, two major metabolites are detected and isolated by preparative HPLC[1].

Solubility Information

Solubility	H2O: 50 mg/mL (14.40 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.288 mL	1.44 mL	2.879 mL
5 mM	0.058 mL	0.288 mL	0.576 mL
10 mM	0.029 mL	0.144 mL	0.288 mL
50 mM	0.006 mL	0.029 mL	0.058 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 ℃ for 6 months; - 20 ℃ for 1 month. Please use it as soon as possible.

Reference

1. 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.

Inhibitors · Natural Compounds · Compound Libraries

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use.

Tel:781-999-4286   E-mail:info@targetmol.com   Address:36 Washington Street,Wellesley Hills,MA 02481

Inhibitors · Natural Compounds · Compound Libraries

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use.