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Produktinformation



Forschungsprodukte & Biochemikalien



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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Gastrin-Releasing Peptide, human(TFA)

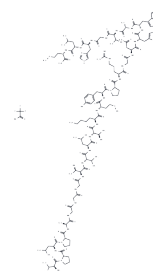
Chemical Properties

CAS No. :

Formula: C132H205F3N38O33S2

Molecular Weight: 2973.4

Appearance: no data available

Storage: keep away from moisture
Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Biological Description

Description	Gastrin-Releasing Peptide, human(TFA) is a regulatory human peptide that elicits gastrin release and regulates gastric acid secretion and enteric motor function. The post-ganglionic fibers of the vagus nerve that innervate the G cells of the stomach release GRP, which stimulates the G cells to release gastrin.
Targets(IC50)	Others
In vitro	Gastrin-Releasing Peptide, human (GRP) belongs to the bombesin-like peptide family, and is not a classical hypothalamic-hypophyseal regulatory hormone since it plays only a perfunctory role in the mediation of pituitary hormone release. However, GRP/bombesin-like immunoreactivity is widely distributed in mammalian brain, especially the hypothalamus, GI tract and in human fetal lung[1].

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	0.3363 mL	1.6816 mL	3.3632 mL
5 mM	0.0673 mL	0.3363 mL	0.6726 mL
10 mM	0.0336 mL	0.1682 mL	0.3363 mL
50 mM	0.0067 mL	0.0336 mL	0.0673 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.

Reference

Dubovy SR, et al. Expression of hypothalamic neurohormones and their receptors in the human eye. Oncotarget. 2017 Jun 3.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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