

Product Name : Gastrin-Releasing Peptide, human(TFA)

Synonyms : —

Cat No. : M22417

CAS Number :

Molecular Formula : —

Formula Weight : —

Chemical Name : —

Description : Gastrin-releasing peptide 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. 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.

Pathway : Others

Target : Other Targets

Receptor : Others

Solubility : H₂O

SMILES : OC(=O)C(F)(F)F.CSCC[C@H](NC(=O)[C@H](CC(C)C)NC(=O)[C@H](CC1=CNC=N1)NC(=O)CNC(=O)[C@@H](NC(=O)[C@H](C)NC(=O)[C@H](CC1=CNC2=C1C=CC=C2)NC(=O)[C@H](CC1=CNC=N1)NC(=O)[C@H](CC(N)=O)NC(=O)CNC(=O)[C@H](CCCNC(N)=N)NC(=O)[C@@H]1CCCN1C(=O)[C@H](CC1=CC=C(O)C=C1)NC(=O)[C@H](CCSC)NC(=O)[C@H](CCCCN)NC(=O)[C@@H](NC(=O)[C@H](CC(C)C)NC(=O)[C@@H](NC(=O)[C@H](NC(=O)CNC(=O)CNC(=O)CNC(=O)[C@H](C)NC(=O)[C@@H]1CCCN1C(=O)[C@H](CC(C)C)NC(=O)[C@@H]1CCCN1C(=O)[C@@H](N)C(C)C)[C@@H](C)O)C(C)C)[C@@H](C)O)C(C)C(N)=O

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

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