Gastrin I
Catalogue Number : 1003377

Product Information

Synonyms: GAS, GAST
Chemical Name: H-Glp-Gly-Pro-Trp-Leu-Glu-Glu-Glu-Glu-Ala-Tyr-Gly-Trp-Met-Asp-Phe-NH2
Molecular Formula: C_{97}H_{124}N_{20}O_{31}S
Molecular Weight: 2098.2
CAS Number: 10047-33-3
Purity: ≥95%
Applications: FA
Formulation: Crystalline solid
Storage: Product should be kept at -20°C.

Description
Gastrin is a peptide hormone that is a major physiological regulator of gastric acid secretion and a promoter of gastric mucosal growth. It binds to cholecystokinin B receptors (CCKBR) and stimulates an increase in intracellular CA++, the production of inositol phosphate, and the activation of protein kinase C. Gastrin is also involved in gastric epithelial cell proliferation and maturation and is utilized in gastrointestinal organoids research.

Preparation & Storage
Soluble in water with 1% NH3 up to 1mg/ml.

References

email: info@bio-gems.com | domain: www.bio-gems.com | phone: 818.338.3312 | fax: 818.338.3316
Not for further distribution without written consent. Copyright © 2014 BioGems, Inc.