

Gastric Inhibitory Peptide (22-51) (human) TFA

Chemical Properties

CAS No. :

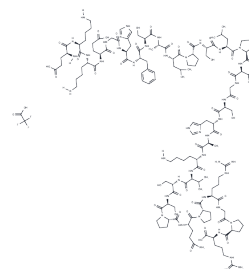
Formula: C140H226N44O41.XCF3COOH

Molecular Weight: 3181.60

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	Gastric inhibitory peptide (GIP) (22-51), a pro-atherogenic peptide comprised of 30 amino acids from the residues 22-51 of its precursor protein proGIP, is present in human plasma. It activates the degradation of I κ B- α and the nuclear translocation of NF- κ B in both macrophage-differentiated THP-1 cells and human aortic endothelial cells at a concentration of 1 μ M. Additionally, in ApoE-/- mice, GIP (22-51) escalates the area of atherosclerotic lesions and plaque development in vivo.
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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	0.3143 mL	1.5715 mL	3.1431 mL
5 mM	0.0629 mL	0.3143 mL	0.6286 mL
10 mM	0.0314 mL	0.1572 mL	0.3143 mL
50 mM	0.0063 mL	0.0314 mL	0.0629 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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

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