

GIP, rat

Chemical Properties

CAS No. :

Formula:

Molecular Weight:

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

GIP (rat) (Glucose-dependent Insulinotropic Polypeptide), also known as Gastric Inhibitory Polypeptide, is a biologically active 42-amino acid peptide secreted by the K cells of the duodenum and jejunum following food consumption. It belongs to the incretin hormone peptide family, which includes GLP (Gastric-like Peptide), and it not only stimulates insulin release from pancreatic islet β -cells but also may encourage β -cell proliferation and survival. Additionally, recent research indicates GIP may have a role in lipid regulation and could contribute to the development of obesity.

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