

GIP (3-42), human

## Chemical Properties

CAS No. : 1802086-25-4

Formula:

Molecular Weight:

EGTFISDYSIAMDKIHQQDFVNWLLAQKGGKNDWRKHNTQ

Storage: Store at low temperature, Keep away from moisture  
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 (3-42), human (Gastric Inhibitory Polypeptide (3-42) (human)) is a peptide that acts as a glucose-dependent proinsulinotropic polypeptide (GIP) receptor antagonist and regulates insulin secretion and the metabolic effects of GIP in vivo, which can be used to study type 2 diabetes.
Targets(IC50)	IGF-1R

## Solubility Information

Solubility	DMSO: 245 mg/mL H2O: 23.75 mg/mL, Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Reference

Gault VA, et al. Evidence that the major degradation product of glucose-dependent insulinotropic polypeptide, GIP (3-42), is a GIP receptor antagonist in vivo. J Endocrinol. 2002 Nov;175(2):525-33.

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