

GIP (1-39)

Chemical Properties

CAS No. :	725474-97-5
Formula:	C210H316N56O61S
Molecular Weight:	4633.21
Storage:	Keep away from moisture Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>

Biological Description

Description	Endogenous truncated form of the incretin hormone GIP. More potent at stimulating glucose-dependent insulin secretion from rat pancreatic β -cells than GIP.
Targets(IC50)	IGF-1R

Solubility Information

Solubility	H2O: 10 mg/mL (2.16 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.2158 mL	1.0792 mL	2.1583 mL
5 mM	0.0432 mL	0.2158 mL	0.4317 mL
10 mM	0.0216 mL	0.1079 mL	0.2158 mL
50 mM	0.0043 mL	0.0216 mL	0.0432 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.

Reference

Xie et al (2004) GIP1-39, a novel Insotropic peptide form and aspects on its mechanism of action. Regul.Peptides 121 107

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