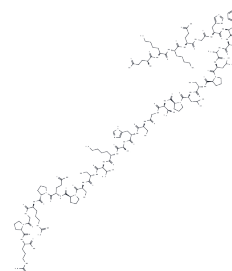


GIP (22-51) human

Chemical Properties

CAS No. :	957470-49-4
Formula:	C140H226N44O41
Molecular Weight:	3181.56
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	GIP (22-51) human (Glucose-dependent Insulinotropic Peptide (22-51) human) is a potent pro-atherosclerotic peptide hormone composed of 30 amino acids. It activates the NF-κB signaling pathway, enhances the expression of MMP-8, and induces the expression of pro-inflammatory and pro-atherogenic proteins. Additionally, it increases intracellular free Ca ²⁺ levels in THP-1 induced macrophages. GIP (22-51) human is useful for atherosclerosis research.
Targets(IC50)	MMP, Calcium Channel, NF-κB

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.3143 mL	1.5716 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

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