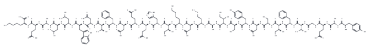
Data Sheet (Cat.No.TP1584)

TargetMol

GIP (1-30) amide,human

Chemical Properties



CAS No. : 198624-01-0

Formula: C162H240N40O47S

Molecular Weight: 3531.94

Storage: 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 (1-30) amide (Human) is an insulin-dependent glucose-dependent polypeptide.The sugar-dependent insulin polypeptide (GIP) is an insulin secreting hormone, which can stimulate the secretion of insulin and reduce the occurrence of postpranal-glycemic diseases.
Targets(IC50)	IGF-1R

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.2831 mL	1.4157 mL	2.8313 mL
5 mM	0.0566 mL	0.2831 mL	0.5663 mL
10 mM	0.0283 mL	0.1416 mL	0.2831 mL
50 mM	0.0057 mL	0.0283 mL	0.0566 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

Alaña I, et al. NMR structure of the glucose-dependent insulinotropic polypeptide fragment, GIP(1-30)amide. Biochem Biophys Res Commun. 2004 Dec 3;325(1):281-6.

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