Data Sheet (Cat.No.TP1566)

TargetMol

GIP (1-30) amide (Human) (TFA)

Chemical Properties

CAS No. :

Formula: C164H241F3N40O49S

Molecular Weight: 3645.97

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) TFA is a glucose-dependent insulinotropic polypeptide fragment. Glucose-dependent insulinotropic polypeptide (GIP) is an incretin hormone that stimulates insulin secretion and reduces postprandial glycaemic excursions.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.2743 mL	1.3714 mL	2.7428 mL
5 mM	0.0549 mL	0.2743 mL	0.5486 mL
10 mM	0.0274 mL	0.1371 mL	0.2743 mL
50 mM	0.0055 mL	0.0274 mL	0.0549 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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