

[cPP1-7,NPY19-23,Ala31,Aib32,Gln34]-hPancreatic polypeptide TFA

Chemical Properties

CAS No. :

Formula: C185H282F3N57O56S2

Molecular Weight: 4321.68

Keep away from moisture

Storage: 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	[cPP1-7,NPY19-23,Ala31,Aib32,Gln34]-hPancreatic Polypeptide is a potent and selective neuropeptide Y Y5 receptor agonist, exhibiting a binding affinity with an IC50 of 0.24 nM for the hY5 receptor, and significantly stimulates food intake [1].
Targets(IC50)	Neuropeptide Y Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.2314 mL	1.157 mL	2.3139 mL
5 mM	0.0463 mL	0.2314 mL	0.4628 mL
10 mM	0.0231 mL	0.1157 mL	0.2314 mL
50 mM	0.0046 mL	0.0231 mL	0.0463 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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