

Pancreatic Polypeptide, human

Chemical Properties

CAS No. : 75976-10-2

Formula: C185H287N53O54S2

Molecular Weight: 4181.71

APLEPVYPGDNATPEQMAQYAADLRYYINMLTRPRY-NH₂

Appearance: no data available

Storage: keep away from moisture

Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Biological Description

Description	Endogenous high affinity agonist for human NPY Y4 receptor (K _i = 0.056 nM). Believed to play an important role in the function of the gastrointestinal tract.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.2391 mL	1.1957 mL	2.3914 mL
5 mM	0.0478 mL	0.2391 mL	0.4783 mL
10 mM	0.0239 mL	0.1196 mL	0.2391 mL
50 mM	0.0048 mL	0.0239 mL	0.0478 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.

Reference

Thieme V, et al. High molecular weight PEGylation of human pancreatic polypeptide at position 22 improves stability and reduces food intake in mice. Br J Pharmacol. 2016 Nov;173(22):3208-3221.

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