

## Pancreatic Polypeptide, bovine

## Chemical Properties

CAS No. :	179986-89-1
Formula:	C186H287N53O56S2
Molecular Weight:	4225.78
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>

APLEPEYPGDNATPEGMAQYAAELRRYINMLTRPRY-NH<sub>2</sub>

## Biological Description

Description	Agonist at Y4 neuropeptide Y receptors.
Targets(IC50)	Neuropeptide Y Receptor

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.2366 mL	1.1832 mL	2.3664 mL
5 mM	0.0473 mL	0.2366 mL	0.4733 mL
10 mM	0.0237 mL	0.1183 mL	0.2366 mL
50 mM	0.0047 mL	0.0237 mL	0.0473 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

Khan D, et al. Influence of neuropeptide Y and pancreatic polypeptide on islet function and beta-cell survival. *Biochim Biophys Acta*. 2017 Apr;1861(4):749-758.

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