

Pancreatic Polypeptide, rat

Chemical Properties

CAS No. :	90419-12-8
Formula:	C195H298N58O57S
Molecular Weight:	4398.87
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>

APLEPMYPGDYATHEQRAQYETQLRRYINTLTRPY-NH₂

Biological Description

Description	Pancreatic Polypeptide, rat, is an agonist of the NPY receptor with high affinity at NPYR4. Pancreatic Polypeptide (PP) is a 36-amino acid, C-terminally amidated peptide and a member of the PP-fold peptide family. It is produced and secreted by the PP cells of the islets of Langerhans.
Targets(IC50)	Neuropeptide Y Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.2273 mL	1.1367 mL	2.2733 mL
5 mM	0.0455 mL	0.2273 mL	0.4547 mL
10 mM	0.0227 mL	0.1137 mL	0.2273 mL
50 mM	0.0045 mL	0.0227 mL	0.0455 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481