

Peptide YY (pig)

Chemical Properties

CAS No. :	81858-94-8
Formula:	C190H288N54O57
Molecular Weight:	4240.72
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>

Biological Description

Description	Peptide YY (pig), a 36-amino acid gastrointestinal peptide isolated from porcine duodenum, suppresses appetite and reduces food intake through activation of the Y2 receptor. Predominantly located in pancreatic endocrine cells, it influences intestinal motility and impacts the cardiovascular system [1] [2] [3].
Targets(IC50)	Neuropeptide Y Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.2358 mL	1.179 mL	2.3581 mL
5 mM	0.0472 mL	0.2358 mL	0.4716 mL
10 mM	0.0236 mL	0.1179 mL	0.2358 mL
50 mM	0.0047 mL	0.0236 mL	0.0472 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.

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