

Peptide YY (PYY), human

Chemical Properties

CAS No. : 118997-30-1

Formula: C194H295N55O57

Molecular Weight: 4309.75

YPIKPEAPGEDASPEELNRYASLRHYLNLVTRQRY-NH₂

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	Peptide YY (PYY), a novel 36 amino-acid amidated hormone is a component of the complex neuroendocrine control process. Peptide YY (PYY) can mediate its effects through the Neuropeptide Y receptors.
Targets(IC50)	Neuropeptide Y Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.232 mL	1.1602 mL	2.3203 mL
5 mM	0.0464 mL	0.232 mL	0.4641 mL
10 mM	0.0232 mL	0.116 mL	0.232 mL
50 mM	0.0046 mL	0.0232 mL	0.0464 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

Peptide YY, et al. The gut hormone peptide YY regulates appetite. Ann N Y Acad Sci. 2003 Jun;994:162-8.

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