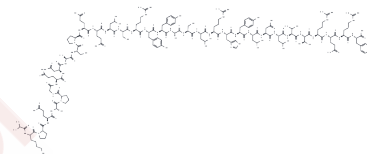


Peptide YY (PYY) (3-36), human

Chemical Properties

CAS No. :	126339-09-1
Formula:	C176H272N52O54
Molecular Weight:	3980.42
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 (PYY) (3-36), human (Peptide YY (3-36)), is a gut hormone peptide that acts as a Y2 receptor agonist to reduce appetite.
Targets(IC50)	Neuropeptide Y Receptor

Solubility Information

Solubility	H2O: 127.5 mg/mL (32.03 mM), (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.2512 mL	1.2561 mL	2.5123 mL
5 mM	0.0502 mL	0.2512 mL	0.5025 mL
10 mM	0.0251 mL	0.1256 mL	0.2512 mL
50 mM	0.005 mL	0.0251 mL	0.0502 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

Addison ML, et al. A role for metalloendopeptidases in the breakdown of the gut hormone, PYY 3-36. *Endocrinology*. 2011 Dec;152(12):4630-40.

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