

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

Chemical Properties

CAS No. :

Formula: C176H272N52O54.C2HF3O2

Molecular Weight: 4094.44

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) (3-36), human (TFA) is a gut hormone peptide that acts as a Y2 receptor agonist to reduce appetite[1].
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.2442 mL	1.2212 mL	2.4423 mL
5 mM	0.0488 mL	0.2442 mL	0.4885 mL
10 mM	0.0244 mL	0.1221 mL	0.2442 mL
50 mM	0.0049 mL	0.0244 mL	0.0488 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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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481