

## Neuropeptide Y (2-36) (porcine)

## Chemical Properties

CAS No. :	102961-52-4
Formula:	C181H278N54O55
Molecular Weight:	4090.47
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	Neuropeptide Y (2-36) (porcine) is a pig-sourced peptide closely resembling its rat and human counterparts with 97.14% homology. It acts as an agonist for rat neuropeptide receptors Y5, Y2, and Y1, with EC50 values of 1.2, 1.6, and 3.4 nM, respectively. This compound is utilized in research on obesity and eating disorders [1].
Targets(IC50)	Neuropeptide Y Receptor

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.2445 mL	1.2224 mL	2.4447 mL
5 mM	0.0489 mL	0.2445 mL	0.4889 mL
10 mM	0.0244 mL	0.1222 mL	0.2445 mL
50 mM	0.0049 mL	0.0244 mL	0.0489 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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