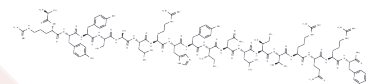


Neuropeptide Y (18-36) (porcine)

Chemical Properties

CAS No. :	114495-97-5
Formula:	C112H174N36O27
Molecular Weight:	2456.8
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 (18-36) (porcine) acts as a competitive antagonist of the neuropeptide Y (NPY) cardiac receptor, blocking I-NPY attachment to cardiac ventricular membranes. Its concentration-dependent action has an IC50 value of 158 nM and a Ki value of 140 nM. This compound is utilized in studying congestive heart failure [1].
Targets(IC50)	Neuropeptide Y Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.407 mL	2.0352 mL	4.0703 mL
5 mM	0.0814 mL	0.407 mL	0.8141 mL
10 mM	0.0407 mL	0.2035 mL	0.407 mL
50 mM	0.0081 mL	0.0407 mL	0.0814 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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