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## Product Data Sheet

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Product Name: Neuropeptide Y (porcine)

Cat. No.: GC50010

### Chemical Properties

Cas. No. 83589-17-7

Formula C<sub>190</sub>H<sub>287</sub>N<sub>55</sub>O<sub>57</sub>

M.Wt

4254

Solubility Soluble in DMSO

Storage

Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure

### Background

Widely distributed endogenous neuropeptide involved in the control of food intake, sexual behavior and blood pressure. Control Peptide also available.

Allen et al (1987) Molecular structure of mammalian neuropeptide Y: analysis by molecular cloning and computer-aided comparison with crystal structure of avian homologue. Proc.Natl.Acad.Sci.U.S.A. 84 2532 PMID:3031687 |Michel et al (1998) XVI. International Union of Pharmacology recommendations for the nomenclature of neuropeptide Y, peptide YY, and pancreatic polypeptide receptors. Pharmacol.Rev. 50 143 PMID:9549761 |Minth et al (1984) Cloning, characterization, and DNA sequence of a human cDNA encoding neuropeptide tyrosine. Proc.Natl.Acad.Sci.U.S.A. 81 4577 PMID:6589611

**Caution: Product has not been fully validated for medical applications. For research use only.**

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