

DATASHEET

Version: 2016-08-18

Neuropeptide Y, human**Cat. No.:** RP10492-0.5**Size:** 0.5 mg**Alias:** NPY**Description:**

Neuropeptide Y (NPY) is a vasoconstrictor and a brain peptide that inhibits Ca^{2+} -activated K^+ channels in vascular smooth muscle. Neuropeptide Y (NPY) is implicated in the control of blood pressure, sexual behavior, and food intake.

Neuropeptide Y (NPY) inhibits cholecystokinin- and secretin-stimulated pancreatic secretion.

Cas No: 90880-35-6**C-Terminal:** NH_2 **Sequence (one-letter code):**YPSKPDNPGEDAPAEDMARYYSALRHYINLITRQRY-NH₂**Sequence (three-letter code):**

{TYR}{PRO}{SER}{LYS}{PRO}{ASP}{ASN}{PRO}{GLY}{GLU}{
ASP}{ALA}{PRO}{ALA}{GLU}{ASP}{MET}{ALA}{ARG}{TYR}{T
YR}{SER}{ALA}{LEU}{ARG}{HIS}{TYR}{ILE}{ASN}{LEU}{ILE}{
THR}{ARG}{GLN}{ARG}{TYR}-NH₂

Solubility: Solvent: 1 mg/ml CH₃COOH 0.05 M clear, colorless**Formula:** C₁₈₉H₂₈₅N₅₅O₅₇S₁**Molecular Weight:** 4,271.68**Purity:** > 95%**Storage:**

Store at -20°C.

Note:

*For Non-Clinical Research Use Only *

