

DATASHEET

Version: 2016-08-18

Peptide YY (PYY) (3-36), human**Cat. No.:** RP10354-0.5**Size:** 0.5 mg**Description:**

Peptide YY (PYY), a novel 36 amino-acid amidated hormone is a component of the complex neuroendocrine control process. This gut hormone (3-36), when infused into subjects, has been shown to reduce food intake in normal-weight and obese individuals. PYY (3-36) infusion also reduces the plasma levels of the hunger-promoting hormone ghrelin. PYY (3-36) levels have been shown to drop pre-meal and then increase post-prandially. In circulation, PYY (3-36) exists in at least two molecular forms: (1-36) and (3-36). PYY (3-36) selectively binds to Y2 receptors, and it has been found in human intestine and circulating blood.

Cas No: 126339-09-1**C-Terminal:** NH₂**Sequence (one-letter code):**IKPEAPGEDASPEELNRYASLRHYLNLVTRQRY-NH₂**Sequence (three-letter code):**

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

Solubility: The peptide is soluble in water. The contents of this vial have been accurately determined. Both the stopper and the vial have been siliconized. Do not attempt to weigh out a smaller portion of the contents.

Formula: C₁₈₀H₂₇₉N₅₃O₅₄**Molecular Weight:** 4,049.48**Purity:** > 95%**Storage:**

Store the peptide at -20°C.

Note:

*For Non-Clinical Research Use Only *

