

## Neuropeptide Y (trifluoroacetate salt) Biochemical

Neuropeptide Y (3-36)(human, rat)(trifluoroacetate salt)

CATALOG #  
**AAA227050**

### PRODUCT SYNONYMS

Neuropeptide Y (trifluoroacetate salt); Neuropeptide Y (3-36)(human; rat)(trifluoroacetate salt); Neuropeptide Y (trifluoroacetate salt) biochemical

### PRODUCT SPECIFICATIONS

|                         |                                                                             |
|-------------------------|-----------------------------------------------------------------------------|
| Purity/Purification     | 98%                                                                         |
| Solubility              | H2O: 1 mg/mL<br><1mg/ml refers to the product slightly soluble or insoluble |
| Preparation and Storage | Powder: -20 degree C for 3 years<br>In solvent: -80 degree C for 2 years    |

### IMAGES

ATRAGLQVRKNKRRRGCPIL

Structure  
Onilcamotide, CAS 1164096-85-8

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### ADDITIONAL INFORMATION

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| Related Product Information for<br>Neuropeptide Y (trifluoroacetate salt)<br>biochemical | Neuropeptide Y (NPY)(3-36) is a C-terminal fragment of NPY, a neuropeptide involved in controlling appetite, blood pressure, cardiac contractility, and intestinal secretion. NPY (3-36) is an endogenous peptide produced by cleavage of NPY by dipeptidyl peptidase 4 (DPP-4). It binds selectively to the NPY receptor Y2 ( $K_i = 0.41$ nM in CHP 234 cells) over the Y1 receptor, where it does not bind at concentrations up to 1 $\mu$ M. NPY (3-36)(0.1 nM) increases migration of human umbilical vein endothelial cells (HUVECs) by 80% after 12 hours in an in vitro wound closure assay. NPY (3-36) corresponds to residues 3-36 of the human and rat protein sequence. |
| References                                                                               | 1. Schuhmacher J, et al. Vaccination against RhoC induces long-lasting immune responses in patients with prostate cancer: results from a phase I/II clinical trial. J Immunother Cancer. 2020;8(2):e001157.                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.