

Neuropeptide Y (trifluoroacetate salt) Biochemical

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

CATALOG #
AAA227050

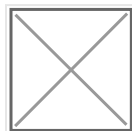
PRODUCT SYNONYMS

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

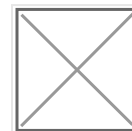
PRODUCT SPECIFICATIONS

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

IMAGES



Structure
Onilcamotide, CAS 1164096-85-8



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ADDITIONAL INFORMATION

Related Product Information for Neuropeptide Y (trifluoroacetate salt) 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 μ 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.