

Peptide YY(trifluoroacetate salt) Biochemical

Peptide YY (human)(trifluoroacetate salt)

CATALOG #
AAA227054

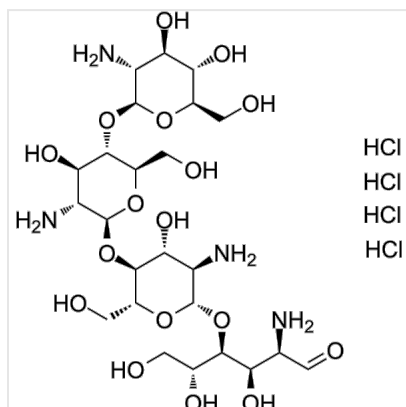
PRODUCT SYNONYMS

Peptide YY(trifluoroacetate salt); Peptide YY (human)(trifluoroacetate salt); Peptide YY(trifluoroacetate salt) biochemical

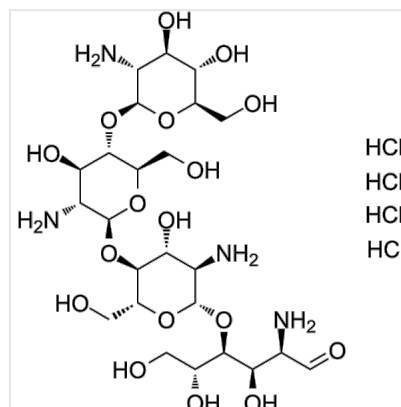
PRODUCT SPECIFICATIONS

Purity/Purification	98%
Solubility	H ₂ O: 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
Chitotetraose tetrahydrochloride, CAS 117399-50-5



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ADDITIONAL INFORMATION

Related Product Information for Peptide YY(trifluoroacetate salt) biochemical	Peptide YY (PYY) is a 36-amino acid peptide and anorectic gut hormone agonist for the neuropeptide Y receptors Y1, Y2, Y5, and Y6 with EC50 values of 0.7, 0.58, 1, and 0.8 nM, respectively, for suppression of forskolin-induced cAMP accumulation. PYY is cleaved in vivo to PYY (3-36). Release of PYY occurs postprandially in proportion to calorie intake from intestinal enteroendocrine L cells, indicating it may be a satiety signal. In humans, PYY inhibits food intake and gastrointestinal transit in both lean and obese subjects.
References	1. Mireille Chabaud, et al. Chitotetraose activates the fungal-dependent endosymbiotic signaling pathway in actinorhizal plant species. PLoS One. 2019 Oct 10;14(10):e0223149.

NCBI AND UNIPROT INFORMATION

Molecular Weight	808.48
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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.

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Online datasheet: <https://stage.aaabiotech.com/biochemical/peptide-yy-trifluoroacetate-salt/227054>