

## Neuropeptide Y Biochemical

Neuropeptide Y (human)(TFA)

CATALOG #  
**AAA227161**

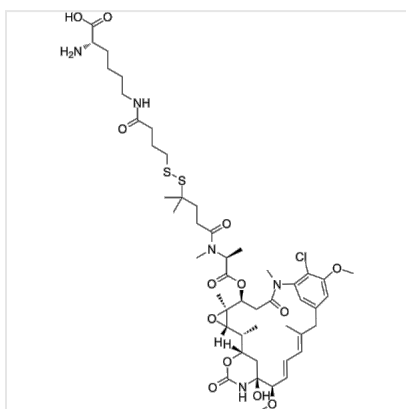
### PRODUCT SYNONYMS

Neuropeptide Y; Neuropeptide Y (human)(TFA); Neuropeptide Y biochemical

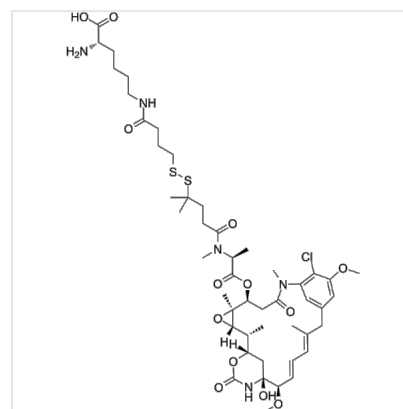
### PRODUCT SPECIFICATIONS

|                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|--------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Purity/Purification</b>     | 98%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Solubility</b>              | <1mg/ml refers to the product slightly soluble or insoluble                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>In vitro</b>                | It is showed that Neuropeptide Y (human) is able to protect cortical neurons from Abeta25-35 toxicity. 2 uM NPY abolishes the toxic effects of Abeta25-35 at 24 and 48 h. The same effect on neuronal survival is observed in neurons exposed to 1 uM and 0.5 uM Neuropeptide Y (human) pretreatments. Pretreatment with Neuropeptide Y (29-64), amide, human (TFA) Increases NGF Synthesis, reduces NGF mRNA, and restores NGF release in cortical neurons exposed to Abeta35-25[1]. |
| <b>Preparation and Storage</b> | Powder: -20 degree C for 3 years<br>In solvent: -80 degree C for 2 years                                                                                                                                                                                                                                                                                                                                                                                                              |

### IMAGES



**Structure**  
Lys-Nepsilon-SPDB-DM4, CAS 1280215-91-9



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### ADDITIONAL INFORMATION

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| <b>Related Product Information for Neuropeptide Y biochemical</b> | Neuropeptide Y (human) TFA is involved in Alzheimer's disease (AD) and protects rat cortical neurons against beta-Amyloid toxicity.                                                                               |
| <b>References</b>                                                 | 1. Hans K Erickson, et al. Antibody-maytansinoid conjugates are activated in targeted cancer cells by lysosomal degradation and linker-dependent intracellular processing. Cancer Res. 2006 Apr 15;66(8):4426-33. |

**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.