

## Amyloid-beta (25-35) Peptide (trifluoroacetate salt) Biochemical

Amyloid-beta (25-35) Peptide (human)(trifluoroacetate salt)

CATALOG #  
**AAA227291**

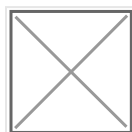
### PRODUCT SYNONYMS

Amyloid-beta (25-35) Peptide (trifluoroacetate salt); Amyloid-beta (25-35) Peptide (human)(trifluoroacetate salt); Amyloid-beta (25-35) Peptide (trifluoroacetate salt) biochemical

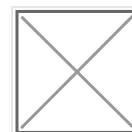
### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                                                                                                                                  |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Purity/Purification     | 98%                                                                                                                                                                                                                                                                                                              |
| Solubility              | H <sub>2</sub> O: 1 mg/mL<br><1mg/ml refers to the product slightly soluble or insoluble                                                                                                                                                                                                                         |
| In vitro                | In vivo, intracerebral injection of Abeta (25-35)(20 nmol) in rats induces lesions of neuronal and tissue loss. Aggregated Abeta (25-35) administered intracerebroventricularly to rats induces learning and memory impairments in the Y-maze, novel object recognition, and contextual fear conditioning tests. |
| Preparation and Storage | Powder: -20 degree C for 3 years<br>In solvent: -80 degree C for 2 years                                                                                                                                                                                                                                         |

### IMAGES



Structure  
MCX 28, CAS 1414453-58-9



Structure  
MCX 28, CAS 1414453-58-9

### ADDITIONAL INFORMATION

|                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|----------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for<br><b>Amyloid-beta (25-35) Peptide<br/>(trifluoroacetate salt) biochemical</b> | Amyloid-beta (25-35)(Abeta (25-35)) is an 11-residue fragment of the Abeta protein that retains the physical and biological characteristics of the full length peptide. It forms fibrils that react to thioflavin T and Congo red and are organized in a cross-beta arrangement of beta-strands similar to Abeta (1-40) and Abeta (1-42) fibrils. Aggregated Abeta (25-35) decreases the viability of rat adrenal PC12 cells. It also decreases the viability of primary rat cortical neurons at concentrations ranging from 1 nM to 30 uM. |
| References                                                                                                     | 1. Martínez-González S, et al. Macrocyclization as a Source of Desired Polypharmacology. Discovery of Triple PI3K/mTOR/PIM Inhibitors. ACS Med Chem Lett. 2021 Nov 2;12(11):1794-1801.                                                                                                                                                                                                                                                                                                                                                      |

**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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://stage.aaabiotech.com/biochemical/amyloid-beta-25-35-peptide-trifluoroacetate-salt/227291>