

Analytical Data Sheet

Lot number **1074210**
not for drug use

Catalog number H-8278.0100
Product number 4104167.0100
Product **Teplow's Amyloid β - Protein (1- 40) (scrambled II) trifluoroacetate salt**
 H- Tyr- His- Ala- Gly- Val- Asp- Lys- Glu- Val- Val- Phe- Asp- Glu- Gly- Gly- Ala- Glu- His- Gly- Leu- Ala- Gln- Lys- Ile- Val- Arg- Gly- Phe- Gly- Val- Ser- Asp- Val- Ser- Met- Ile- His- Asn- Leu- Phe- OH trifluoroacetate salt
Molecular formula C₁₉₄H₂₉₅N₅₃O₅₈S
Relative molecular mass 4329.86

| Tests | Results |
|----------------------------------|--|
| Appearance | white powder |
| Identification (MALDI-MS) | 4329.13 |
| Amino acid analysis | Asx 3.89 (4) Val** 5.28 (6) Phe 2.77 (3) Ser* 1.28 (2) Met* 0.58 (1) His** 2.34 (3) Glx 4.22 (4) Ile** 1.22 (2) Lys 2.06 (2) Gly 5.47 (6) Leu 2.04 (2) Arg 1.12 (1) Ala 3.62 (3) Tyr 0.81 (1) *Partially destroyed during acid hydrolysis **Valine, isoleucine and histidine values low due to the resistance of the Val-Val, Ile-Val and Ile-His bonds to acid hydrolysis |
| Solubility | soluble in water at 1mg/mL |
| Purity (HPLC) | 96.2% |
| Assay (AAA) | 68.2% |

Latest update: November 11, 2017

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