

Analytical Data Sheet

Lot number **1073053**
not for drug use

Catalog number H-7842.0500
Product number 4099631.0500
Product (Asp³⁷) - Amyloid β- Protein (1- 42) trifluoroacetate salt
 H- Asp- Ala- Glu- Phe- Arg- His- Asp- Ser- Gly- Tyr- Glu- Val- His- His- Gln- Lys- Leu- Val- Phe- Phe- Ala- Glu- Asp- Val- Gly- Ser- Asn- Lys- Gly- Ala- Ile- Ile- Gly- Leu- Met- Val- Asp- Gly- Val- Val- Ile- Ala- OH trifluoroacetate salt
Molecular formula C₂₀₅H₃₁₃N₅₅O₆₂S
Relative molecular mass 4572.14

| Tests | Results |
|----------------------------------|--|
| Appearance | white powder |
| Identification (MALDI-MS) | 4572.56 |
| Amino acid analysis | Asx 5.32 (5) Val** 5.17 (6) Phe 2.57 (3) Ser* 1.69 (2) Met* 0.82 (1) His 3.12 (3) Glx 3.87 (4) Ile** 2.18 (3) Lys 2.13 (2) Gly 5.24 (5) Leu 1.74 (2) Arg 1.03 (1) Ala 4.21 (4) Tyr 0.89 (1) *Partially destroyed during acid hydrolysis **Valine and isoleucine values low due to the resistance of the Val-Ile bond, Val-His bond, Val-Val bond and Ile-Ile bond to acid hydrolysis |
| Solubility | soluble in 0.1% aqueous NH ₃ at 1mg/mL |
| Purity (HPLC) | 92.3% |
| Assay (AAA) | 85.2% |

Latest update: August 21, 2017

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