

## Analytical Data Sheet

Lot number **1068819**  
not for drug use

**Catalog number** H-7406.0500  
**Product number** 4064853.0500  
**Product** **Amyloid  $\beta$ - Protein (1- 42) (scrambled) trifluoroacetate salt**  
 H- Ala- Ile- Ala- Glu- Gly- Asp- Ser- His- Val- Leu- Lys- Glu- Gly- Ala- Tyr- Met- Glu- Ile- Phe- Asp- Val- Gln- Gly- His- Val- Phe- Gly- Gly- Lys- Ile- Phe- Arg- Val- Val- Asp- Leu- Gly- Ser- His- Asn- Val- Ala- OH trifluoroacetate salt  
**Molecular formula** C<sub>203</sub>H<sub>311</sub>N<sub>55</sub>O<sub>60</sub>S  
**Relative molecular mass** 4514.10

Tests	Results
<b>Appearance</b>	white powder
<b>Appearance of solution</b>	clear, colorless solution (1 mg/mL in HFIP)
<b>Identification (MALDI-MS)</b>	4514.18
<b>Amino acid analysis</b>	Asx 4.39 (4) Val* 4.31 (6) Phe 2.25 (3) Ser 2.04 (2) Met** 0.88 (1) His 3.02 (3) Glx 4.34 (4) Ile 2.34 (3) Lys 2.12 (2) Gly 6.56 (6) Leu 1.77 (2) Arg 1.00 (1) Ala 4.26 (4) Tyr 0.96 (1)  *Valine value low due to the resistance of the Val-Val bond and the His-Val bond to acid hydrolysis **Partially destroyed during acid hydrolysis
<b>Solubility</b>	soluble in 0.1% TFA in acetonitrile / water
<b>Purity (HPLC)</b>	>91%
<b>Assay (AAA)</b>	82.9%

Latest update: December 04, 2017

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