

## Analytical Data Sheet

Lot number **1000011982**  
not for drug use

**Catalog number** H-7418.0500  
**Product number** 4089807.0500  
**Product** (Cys<sup>26</sup>) - Amyloid β- Protein (1- 40) (Dimer)  
**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- Cys- Asn- Lys- Gly- Ala- Ile- Ile- Gly-  
 Leu- Met- Val- Gly- Gly- Val- Val- OH) <sub>2</sub> trifluoroacetate  
 salt  
 (Disulfide bond)  
**Molecular formula** C<sub>388</sub>H<sub>588</sub>N<sub>106</sub>O<sub>114</sub>S<sub>4</sub>  
**Relative molecular mass** 8689.85

Tests	Results
<b>Appearance</b>	white powder
<b>Identification (MALDI-MS)</b>	8689.58
<b>Amino acid analysis</b>	Asx 8.18 (8) Cys* 0.28 (2) Tyr 1.86 (2) Ser 1.90 (2) Val** 9.99 (12) Phe 5.45 (6) Glx 7.94 (8) Met* 1.77 (2) His 5.84 (6) Gly 12.7 (12) Ile <sup>^</sup> 2.32 (4) Lys 4.24 (4) Ala 5.90 (6) Leu 3.73 (4) Arg 1.99 (2)  *Partially destroyed during acid hydrolysis **Valine value low due to the resistance of the Val-Val and Val-His bonds to acid hydrolysis ^Isoleucine value low due to the resistance of the Ile-Ile bond to acid hydrolysis
<b>Solubility</b>	soluble in DMF at 1mg/mL
<b>Purity (HPLC)</b>	90.0%
<b>Assay (AAA)</b>	80.1%

Latest update: February 04, 2019

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