

Analytical Data Sheet

Lot number **1061787**
not for drug use

Catalog number H-7368.0500
Product number 4034867.0500
Product (Cys⁰) - Amyloid β- Protein (1- 40) trifluoroacetate salt
 H- Cys- 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- Gly- Gly- Val- Val- OH trifluoroacetate salt
Molecular formula C₁₉₇H₃₀₀N₅₄O₅₉S₂
Relative molecular mass 4433.01

Tests	Results
Appearance	white powder
Identification (MALDI-MS)	m = 4433.3u
Amino acid analysis	Asx 4.0 (4) Ser 1.8 (2) Glx 4.0 (4) Gly 6.0 (6) Ala 3.0 (3) Cys* 0.2 (1) Val** 4.9 (6) Met* 0.3 (1) Ile** 1.1 (2) Leu 2.0 (2) Tyr 1.0 (1) Phe 2.9 (3) His 2.9 (3) Lys 2.2 (2) Arg 1.1 (1) * partially destroyed during acid hydrolysis ** Isoleucine and Valine value low due to the resistance of the Ile-Ile and Val-Val bond to acid hydrolysis.
Solubility	soluble in 0.1% TFA in acetonitrile / water
Purity (HPLC)	> 95%
Assay (AAA)	58.8%

Latest update: September 28, 2015

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