

Analytical Data Sheet

Lot number **1060335**
not for drug use

Catalog number H-7476.0500
Product number 4018327.0500
Product (Met(O)³⁵) - Amyloid β- Protein (1- 40)
 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(O) - Val- Gly- Gly- Val- Val- OH
 trifluoroacetate salt
Molecular formula C₁₉₄H₂₉₅N₅₃O₅₉S
Relative molecular mass 4345.86

Tests	Results
Appearance	white powder
Identification (MALDI-MS)	4345.32
Amino acid analysis	Asx 3.97 (4) Val* 4.11 (6) His 2.77 (3) Ser 1.93 (2) Ile** 0.79 (2) Lys 2.23 (2) Glx 3.95 (4) Leu 1.89 (2) Arg 1.05 (1) Gly 6.23 (6) Tyr 0.96 (1) Met [^] Det (1) Ala 3.07 (3) Phe 2.65 (3) *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 ^Met detected as Met (O)
Solubility	soluble in DMF at 1mg/mL
Purity (HPLC)	>94%
Assay (AAA)	77.7%
Date of manufacture	February 11, 2015

Latest update: August 11, 2015

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