

Analytical Data Sheet

Lot number **1061570**
not for drug use

Catalog number H-7458.0500
Product number 4073896.0500
Product **Amyloid β- Protein (1- 39) 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- Gly- Gly- Val- OH trifluoroacetate salt
Molecular formula C₁₈₉H₂₈₆N₅₂O₅₇S
Relative molecular mass 4230.73

Tests	Results
Appearance	white powder
Identification (MALDI-MS)	4230.53
Amino acid analysis	Asx 4.07 (4) Val* 4.32 (5) Phe 2.67 (3) Ser 1.92 (2) Met** 0.87 (1) His 2.87 (3) Glx 4.10 (4) Ile^ 0.95 (2) Lys 2.16 (2) Gly 6.01 (6) Leu 1.86 (2) Arg 1.09 (1) Ala 3.09 (3) Tyr 0.95 (1) *Valine value low due to the resistance of the Val-His bond to acid hydrolysis **Partially destroyed during acid hydrolysis ^Isoleucine value low due to the resistance of the Ile-Ile bond to acid hydrolysis
Solubility	soluble in 0.1% TFA in acetonitrile / water
Purity (HPLC)	>95%
Assay (AAA)	93.6%
Date of manufacture	July 29, 2014

Latest update: September 25, 2015

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