

Analytical Data Sheet

Lot number **1074622**
not for drug use

Catalog number H-7406.1000
Product number 4064853.1000
Product **Amyloid β - 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 C₂₀₃H₃₁₁N₅₅O₆₀S
Relative molecular mass 4514.10

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (1 mg/mL in HFIP)
Identification (MALDI-MS)	4514.18
Amino acid analysis	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
Solubility	soluble in 0.1% TFA in acetonitrile / water
Purity (HPLC)	>91%
Assay (AAA)	82.9%

Latest update: December 05, 2017

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