

Analytical Data Sheet

Lot number **1073049**
not for drug use

Catalog number H-7846.0500
Product number 4039930.0500
Product (Gly²¹) - Amyloid β- Protein (1- 42) trifluoroacetate salt
 H- Asp- Ala- Glu- Phe- Arg- His- Asp- Ser- Gly- Tyr- Glu- Val- His- His- Gln- Lys- Leu- Val- Phe- Phe- Gly- Glu- Asp- Val- Gly- Ser- Asn- Lys- Gly- Ala- Ile- Ile- Gly- Leu- Met- Val- Gly- Gly- Val- Val- Ile- Ala- OH trifluoroacetate salt
Molecular formula C₂₀₂H₃₀₉N₅₅O₆₀S
Relative molecular mass 4500.08

Tests	Results
Appearance	white powder
Identification (MALDI-MS)	4500.78
Amino acid analysis	Asx 4.14 (4) Val* 4.01 (6) Phe 2.68 (3) Ser 1.82 (2) Met** 0.76 (1) His 2.83 (3) Glx 3.95 (4) Ile* 1.54 (3) Lys 2.16 (2) Gly 7.14 (7) Leu 1.83 (2) Arg 1.02 (1) Ala 3.13 (3) Tyr 0.94 (1) *Valine and isoleucine values low due to the resistance of the Val-Ile, Val-His, Val-Val and Ile-Ile bonds to acid hydrolysis **Partially destroyed during acid hydrolysis
Solubility	soluble in 0.1% aqueous NH ₃ at 1mg/mL
Purity (HPLC)	90.6%
Assay (AAA)	81.4%

Latest update: August 21, 2017

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