

Analytical Data Sheet

Lot number **1073055**
not for drug use

Catalog number H-8282.0500
Product number 4104168.0500
Product **Teplow's Amyloid β - Protein (1- 42) (scrambled II) trifluoroacetate salt**
 H- Tyr- His- Ala- Gly- Val- Asp- Lys- Glu- Val- Val- Phe- Asp- Glu- Gly- Ala- Gly- Ala- Glu- His- Gly- Leu- Ala- Gln- Lys- Ile- Val- Arg- Gly- Phe- Gly- Val- Ser- Asp- Val- Ser- Met- Ile- His- Ile- Asn- Leu- Phe- OH trifluoroacetate salt
Molecular formula $C_{203}H_{311}N_{55}O_{60}S$
Relative molecular mass 4514.10

Tests	Results
Appearance	white powder
Identification (MALDI-MS)	4514.25
Amino acid analysis	Asx 4.00 (4) Val* 4.31 (6) Phe 2.75 (3) Ser 1.78 (2) Met** 0.73 (1) His* 2.64 (3) Glx 4.04 (4) Ile* 1.87 (3) Lys 2.03 (2) Gly 6.26 (6) Leu 1.85 (2) Arg 0.96 (1) Ala 4.22 (4) Tyr 0.89 (1) *Valine, isoleucine and histidine values low due to the resistance of the Val-Val and Ile-His bonds to acid hydrolysis **Partially destroyed during acid hydrolysis
Solubility	soluble in water at 1mg/mL
Purity (HPLC)	95.5%
Assay (AAA)	65.6%

Latest update: September 20, 2017

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