

Analytical Data Sheet

Lot number **1072667**
not for drug use

Catalog number H-7836.0100
Product number 4099694.0100
Product **5- FAM- Amyloid β - Protein (1- 42) (scrambled) trifluoroacetate salt**
 Fluorescein- 5- carbonyl- 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 $C_{224}H_{321}N_{55}O_{66}S$
Relative molecular mass 4872.41

Tests	Results
Appearance	yellow powder
Identification (MALDI-MS)	4872.98
Amino acid analysis	Asx 4.22 (4) Val** 5.22 (6) Phe 2.63 (3) Ser* 1.77 (2) Met* 0.71 (1) His 3.07 (3) Glx 3.90 (4) Ile 2.67 (3) Lys 2.13 (2) Gly 6.50 (6) Leu 1.81 (2) Arg 1.02 (1) Ala 4.23 (4) Tyr 0.89 (1) *Partially destroyed during acid hydrolysis **Valine value low due to the resistance of the Val-Val and Val-His bonds to acid hydrolysis
Solubility	soluble in 0.1% aqueous NH_3 at 1mg/mL
Purity (HPLC)	90.0%
Assay (AAA)	78.4%

Latest update: July 18, 2017

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