

Analytical Data Sheet

Lot number **1000031807**
not for drug use

Retest date N/A

Catalog number **H-7444.0100**

Product number **4090151.0100**

Product **5- FAM- Amyloid β - Protein (1- 42) trifluoroacetate salt**
Fluorescein- 5- carbonyl- 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- Val- Ile- 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)	4872.87
Amino acid analysis	Asx 4.82 (4) Val* 2.87 (6) Phe 2.64 (3) Ser 2.36 (2) Met** 0.68 (1) His 2.98 (3) Glx 4.48 (4) Ile^ 0.82 (3) Lys 2.46 (2) Gly 5.31 (6) Leu 1.45 (2) Arg 1.20 (1) Ala 3.80 (4) Tyr 1.04 (1)
	*Valine value low due to the resistance of the Val-Val, Val-Ile and the Val-His bonds to acid hydrolysis **Partially destroyed during acid hydrolysis ^Isoleucine value low due to the resistance of the Ile-Ile and the Val-Ile bonds to acid hydrolysis
Solubility	soluble in DMF at 1mg/mL
Purity (HPLC)	>87%
Assay (AAA)	59.3%

Latest update: April 23, 2020

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