

Analytical Data Sheet

Lot number	1000052546 not for drug use
Product	5-TAMRA-Amyloid β-Protein (1-42) trifluoroacetate salt 5-TAMRA-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
Product number	4090153.0100
Molecular formula	C ₂₂₈ H ₃₃₁ N ₅₇ O ₆₄ S
Relative molecular mass	4926.55

Tests	Results
Appearance	purple powder
Identification (MALDI-MS)	m = 4926.00u
Amino acid analysis	Asx 4.35 (4) Ile [^] 1.14 (3) Ser 2.18 (2) Leu 1.70 (2) Glx 4.12 (4) Tyr 0.99 (1) Gly 5.75 (6) Phe 2.71 (3) Ala 3.90 (4) His 2.82 (3) Val* 3.10 (6) Lys 2.42 (2) Met** 0.89 (1) Arg 1.06 (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 1 mg/mL
Purity (HPLC)	> 73%
Assay (AAA)	71.2%