

Analytical Data Sheet

Lot number

1015494

not for drug use

Catalog Number

H-6432.0500

Product number

4050900.0500

Product

(Arg³) – Amyloid β- Protein (1– 40) trifluoroacetate salt
 H- Asp- Ala- Arg- 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- OH
 trifluoroacetate salt

Molecular formula

C₁₉₅H₃₀₀N₅₆O₅₆S

Relative molecular mass

4356.94

Tests	Results
Appearance	white powder
Identification (MALDI-MS)	m = 4356.6u
Amino acid analysis	Asx 4.1 (4) Ser* 1.2 (2) Glx 3.0 (3) Gly 6.2 (6) Ala 3.2 (3) Val 5.8 (6) Met* 0.9 (1) Ile 1.8 (2) Leu 2.0 (2) Tyr 0.9 (1) Phe 2.8 (3) His 2.9 (3) Lys 2.0 (2) Arg 1.9 (2) * partially destroyed during acid hydrolysis
Solubility	soluble in acetonitrile : 0.1% TFA in acetonitrile/water
Purity (HPLC)	> 92%
Assay (AAA)	87.5%
Latest update: October 24, 2008	Analytical Data Sheet Lot number 1015494