

Analytical Data Sheet

Lot number **1067648**
not for drug use

Catalog number H-7822.0500
Product number 4099615.0500
Product **Lys- Trp- Lys- (Ser(GlcNAc- β- D)⁴⁰⁰) - Tau Peptide (388 - 411) - Lys- Lys(biotinyl) amide trifluoroacetate salt**
 H- Lys- Trp- Lys- His- Gly- Ala- Glu- Ile- Val- Tyr- Lys- Ser- Pro- Val- Val- Ser(GlcNAc- β- D) - Gly- Asp- Thr- Ser- Pro- Arg- His- Leu- Ser- Asn- Val- Lys- Lys(biotinyl) - NH₂ trifluoroacetate salt
Molecular formula C₁₆₄H₂₆₃N₄₇O₄₇S
Relative molecular mass 3677.25

Tests	Results
Appearance	white powder
Identification (MALDI-MS)	3678.01
Amino acid analysis	Asx 2.15 (2) Gly 2.18 (2) Tyr 0.95 (1) Thr 1.04 (1) Ala 1.06 (1) His 1.79 (2) Ser 4.16 (4) Val* 1.59 (4) Lys 4.30 (5) Glx 0.97 (1) Ile* 0.25 (1) Trp** 0.67 (1) Pro 2.11 (2) Leu 0.90 (1) Arg 0.97 (1) *Valine and isoleucine values low due to the resistance of the Val-Val and Ile-Val bonds to acid hydrolysis **Partially destroyed during acid hydrolysis
Solubility	soluble in water at 1mg/mL
Purity (HPLC)	98.6%
Assay (AAA)	70.2%
Date of manufacture	July 26, 2016

Latest update: September 05, 2016

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