

## Analytical Data Sheet

Lot number **1067649**  
not for drug use

**Catalog number** H-7822.1000  
**Product number** 4099615.1000  
**Product** **Lys- Trp- Lys- (Ser(GlcNAc- β- D)<sup>400</sup>) - 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) - NH<sub>2</sub> trifluoroacetate salt  
**Molecular formula** C<sub>164</sub>H<sub>263</sub>N<sub>47</sub>O<sub>47</sub>S  
**Relative molecular mass** 3677.25

Tests	Results
<b>Appearance</b>	white powder
<b>Identification (MALDI-MS)</b>	3678.01
<b>Amino acid analysis</b>	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
<b>Solubility</b>	soluble in water at 1mg/mL
<b>Purity (HPLC)</b>	98.6%
<b>Assay (AAA)</b>	70.2%
<b>Date of manufacture</b>	July 26, 2016

Latest update: September 05, 2016

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