

Analytical Data Sheet

Lot number **1067646**
not for drug use

Catalog number H-8164.0500
Product number 4099862.0500
Product (Ser(PO₃H₂)^{396,404}) - Tau Peptide (379- 408) trifluoroacetate salt
 H- Arg- Glu- Asn- Ala- Lys- Ala- Lys- Thr- Asp- His- Gly- Ala- Glu- Ile- Val- Tyr- Lys- Ser(PO₃H₂) - Pro- Val- Val- Ser- Gly- Asp- Thr- Ser(PO₃H₂) - Pro- Arg- His- Leu- OH trifluoroacetate salt
Molecular formula C₁₄₀H₂₃₀N₄₄O₅₂P₂
Relative molecular mass 3423.58

Tests	Results
Appearance	white powder
Identification (MALDI-MS)	3422.91
Amino acid analysis	Asx 2.99 (3) Gly 2.02 (2) Tyr 0.95 (1) Thr 1.97 (2) Ala 2.99 (3) His 1.99 (2) Ser* 2.52 (3) Val** 1.86 (3) Lys 3.01 (3) Glx 2.05 (2) Ile** 0.54 (1) Arg 2.00 (2) Pro 1.99 (2) Leu 1.02 (1) *Partially destroyed during acid hydrolysis **Valine and isoleucine values low due to the resistance of the Val-Val and Ile-Val bonds to acid hydrolysis
Solubility	soluble in water at 1mg/mL
Purity (HPLC)	97.7%
Assay (AAA)	76.5%
Date of manufacture	July 12, 2016

Latest update: September 05, 2016

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