

## Analytical Data Sheet

Lot number **1000018563**  
not for drug use

Retest date n/a

Catalog number **H-8164.1000**

Product number **4099862.1000**

Product **(Ser(PO<sub>3</sub>H<sub>2</sub>)<sup>396,404</sup>) - 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(PO<sub>3</sub>H<sub>2</sub>) - Pro- Val- Val- Ser- Gly- Asp- Thr- Ser(PO<sub>3</sub>H<sub>2</sub>) - Pro- Arg- His- Leu- OH trifluoroacetate salt

Molecular formula C<sub>140</sub>H<sub>230</sub>N<sub>44</sub>O<sub>52</sub>P<sub>2</sub>

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%

Latest update: July 15, 2019

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