

Analytical Data Sheet

Lot number **3015945**
not for drug use

Catalog number **H-8086.1000**
Product number **4099426.1000**
Product **Tau Peptide (307- 321) trifluoroacetate salt**
H- Gln- Ile- Val- Tyr- Lys- Pro- Val- Asp- Leu- Ser- Lys-
Val- Thr- Ser- Lys- OH trifluoroacetate salt
Molecular formula **C₇₈H₁₃₃N₁₉O₂₃**
Relative molecular mass **1705.03**

Tests	Results
Appearance	white powder
Identification (MALDI-MS)	1705.34
Amino acid analysis	Asx 1.04 (1) Val* 2.47 (3) Thr 0.99 (1) Ile* 0.62 (1) Ser 1.90 (2) Leu 1.06 (1) Glx 1.03 (1) Tyr 1.01 (1) Pro 1.06 (1) Lys 2.80 (3) *Valine and isoleucine values low due to the resistance of the Ile-Val bond to acid hydrolysis
Solubility	soluble in water at 1mg/mL
Purity (HPLC)	97.4%
Assay (AAA)	72.5%

Latest update: September 22, 2016

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