

Analytical Data Sheet

Lot number **3016057**
not for drug use

Catalog number **H-8096.0500**
Product number **4099429.0500**
Product **Tau Peptide (306- 317) trifluoroacetate salt**
H- Val- Gln- Ile- Val- Tyr- Lys- Pro- Val- Asp- Leu- Ser-
Lys- OH trifluoroacetate salt
Molecular formula $C_{65}H_{109}N_{15}O_{18}$
Relative molecular mass 1388.67

Tests	Results
Appearance	white powder
Identification (MALDI-MS)	1388.88
Amino acid analysis	Asx 0.97 (1) Ile** 0.56 (1) Ser* 0.86 (1) Leu 1.00 (1) Glx 0.94 (1) Tyr 0.97 (1) Pro 1.06 (1) Lys 2.05 (2) Val** 2.42 (3) *Partially destroyed during acid hydrolysis **Isoleucine and valine values low due to the resistance of the Ile-Val bond to acid hydrolysis
Solubility	soluble in water at 1mg/mL
Purity (HPLC)	98.9%
Assay (AAA)	75.9%

Latest update: September 23, 2016

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