

Analytical Data Sheet

Lot number **3016053**
not for drug use

Catalog number **H-8076.0500**
Product number **4099421.0500**
Product **Tau Peptide (295- 309) trifluoroacetate salt**
H- Asp- Asn- Ile- Lys- His- Val- Pro- Gly- Gly- Gly- Ser-
Val- Gln- Ile- Val- OH trifluoroacetate salt
Molecular formula $C_{66}H_{110}N_{20}O_{21}$
Relative molecular mass 1519.72

Tests	Results
Appearance	white powder
Identification (MALDI-MS)	1519.97
Amino acid analysis	Asx 2.15 (2) Val* 2.38 (3) Ser 0.94 (1) Ile* 1.37 (2) Glx 1.00 (1) His* 0.88 (1) Pro 1.02 (1) Lys 0.79 (1) Gly 3.04 (3) *Isoleucine, valine and histidine values low due to the resistance of the Ile-Val bond and the His-Val bond to acid hydrolysis
Solubility	soluble in water at 1mg/mL
Purity (HPLC)	96.2%
Assay (AAA)	83.8%

Latest update: September 23, 2016

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