

Analytical Data Sheet

Lot number **3015994**
not for drug use

Catalog number **H-7982.1000**
Product number **4099397.1000**
Product **Tau Peptide (244- 274) (Repeat 1 Domain)**
trifluoroacetate salt
H- Gln- Thr- Ala- Pro- Val- Pro- Met- Pro- Asp- Leu- Lys-
Asn- Val- Lys- Ser- Lys- Ile- Gly- Ser- Thr- Glu- Asn-
Leu- Lys- His- Gln- Pro- Gly- Gly- Gly- Lys- OH
trifluoroacetate salt
Molecular formula $C_{141}H_{238}N_{42}O_{44}S$
Relative molecular mass 3257.63

Tests	Results
Appearance	white powder
Identification (MALDI-MS)	3257.98
Amino acid analysis	Asx 3.11 (3) Gly 4.10 (4) Leu 1.91 (2) Thr 2.00 (2) Ala 0.99 (1) His 1.07 (1) Ser 1.88 (2) Val 1.99 (2) Lys 4.96 (5) Glx 3.10 (3) Met* 0.74 (1) Pro 3.81 (4) Ile 0.96 (1) *Partially destroyed during acid hydrolysis
Solubility	soluble in water at 1mg/mL
Purity (HPLC)	93.3%
Assay (AAA)	86.6%

Latest update: September 22, 2016

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