

Analytical Data Sheet

Lot number **1067654**
not for drug use

Catalog number H-8038.0500
Product number 4088071.0500
Product **Tau Peptide (255- 314) (Repeat 2 Domain) (human) trifluoroacetate salt**
 H- Asn- Val- Lys- Ser- Lys- Ile- Gly- Ser- Thr- Glu- Asn- Leu- Lys- His- Gln- Pro- Gly- Gly- Gly- Lys- Val- Gln- Ile- Ile- Asn- Lys- Lys- Leu- Asp- Leu- Ser- Asn- Val- Gln- Ser- Lys- Cys- Gly- Ser- Lys- Asp- Asn- Ile- Lys- His- Val- Pro- Gly- Gly- Gly- Ser- Val- Gln- Ile- Val- Tyr- Lys- Pro- Val- Asp- OH trifluoroacetate salt
Molecular formula C₂₇₇H₄₆₇N₈₃O₈₆S
Relative molecular mass 6368.33

Tests	Results
Appearance	white powder
Identification (MALDI-MS)	6368.95
Amino acid analysis	Asx 8.15 (8) Gly 8.02 (8) Tyr 0.93 (1) Thr 1.14 (1) Cys* 0.06 (1) His 1.90 (2) Ser 5.63 (6) Val** 6.26 (7) Lys 9.86 (10) Glx 5.03 (5) Ile** 3.15 (5) Pro 3.03 (3) Leu 3.02 (3)
	*Partially destroyed during acid hydrolysis **Isoleucine and valine values low due to the resistance of the Ile-Val and Ile-Ile bonds to acid hydrolysis
Solubility	soluble in 1% Acetic acid at 1mg/mL
Purity (HPLC)	95.4%
Assay (AAA)	67.7%
Date of manufacture	August 02, 2016

Latest update: September 05, 2016

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