

Analytical Data Sheet

Lot number **1067657**
not for drug use

Catalog number **H-8074.1000**
Product number **4099420.1000**
Product **Tau Peptide (277- 291) trifluoroacetate salt**
H- Ile- Ile- Asn- Lys- Lys- Leu- Asp- Leu- Ser- Asn- Val-
Gln- Ser- Lys- Cys- OH trifluoroacetate salt
Molecular formula **C₇₃H₁₃₁N₂₁O₂₃S**
Relative molecular mass **1703.04**

Tests	Results
Appearance	white powder
Identification (MALDI-MS)	1703.09
Amino acid analysis	Asx 2.83 (3) Ile** 0.24 (2) Ser 1.97 (2) Leu 2.00 (2) Glx 0.73 (1) Lys 2.54 (3) Cys* 0.13 (1) Val 0.79 (1) *Partially destroyed during acid hydrolysis **Isoleucine value low due to the resistance of the Ile-Ile bond to acid hydrolysis
Solubility	soluble in 1% Acetic acid at 1mg/mL
Purity (HPLC)	97.8%
Assay (AAA)	81.6%
Date of manufacture	July 08, 2016

Latest update: September 05, 2016

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