

Analytical Data Sheet

Lot number **1000016751**
not for drug use

Catalog number H-8078.1000
Product number 4099422.1000
Product **Tau Peptide (298- 312) trifluoroacetate salt**
H- Lys- His- Val- Pro- Gly- Gly- Gly- Ser- Val- Gln- Ile-
Val- Tyr- Lys- Pro- OH trifluoroacetate salt
Molecular formula C₇₂H₁₁₆N₂₀O₁₉
Relative molecular mass 1565.84

Tests	Results
Appearance	white powder
Identification (MALDI-MS)	1565.32
Amino acid analysis	Ser 1.00 (1) Ile** 0.36 (1) Glx 0.97 (1) Tyr 0.97 (1) Pro 1.91 (2) His 0.91 (1) Gly 3.09 (3) Lys 2.06 (2) Val* 2.05 (3) *Valine value low due to the resistance of the Ile-Val and His-Val bonds to acid hydrolysis **Isoleucine value 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)	78.2%

Latest update: May 27, 2019

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