

## Analytical Data Sheet

Lot number **3016055**  
not for drug use

**Catalog number** H-8078.0500  
**Product number** 4099422.0500  
**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**  $C_{72}H_{116}N_{20}O_{19}$   
**Relative molecular mass** 1565.84

Tests	Results
<b>Appearance</b>	white powder
<b>Identification (MALDI-MS)</b>	1566.10
<b>Amino acid analysis</b>	Ser 0.94 (1) Ile* 0.55 (1) Glx 1.01 (1) Tyr 0.97 (1) Pro 1.03 (2) His 0.95 (1) Gly 3.01 (3) Lys 2.01 (2) Val* 2.51 (3)  *Isoleucine and valine values low due to the resistance of the Ile-Val bond and His-Val bond to acid hydrolysis
<b>Solubility</b>	soluble in water at 1mg/mL
<b>Purity (HPLC)</b>	97.4%
<b>Assay (AAA)</b>	70.7%

Latest update: September 23, 2016

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