

## Analytical Data Sheet

Lot number **1000016267**  
not for drug use

**Catalog number** H-8082.1000  
**Product number** 4099423.1000  
**Product** **Tau Peptide (301- 315) trifluoroacetate salt**  
H- Pro- Gly- Gly- Gly- Ser- Val- Gln- Ile- Val- Tyr- Lys-  
Pro- Val- Asp- Leu- OH trifluoroacetate salt  
**Molecular formula** C<sub>70</sub>H<sub>113</sub>N<sub>17</sub>O<sub>21</sub>  
**Relative molecular mass** 1528.77

Tests	Results
<b>Appearance</b>	white powder
<b>Identification (MALDI-MS)</b>	1529.12
<b>Amino acid analysis</b>	Asx 1.02 (1) Val* 2.22 (3) Ser 0.98 (1) Ile* 0.42 (1) Glx 0.93 (1) Leu 1.04 (1) Pro 1.93 (2) Tyr 0.98 (1) Gly 3.05 (3) Lys 1.05 (1)  *Valine and isoleucine values low due to the resistance of the Ile-Val bond to acid hydrolysis
<b>Solubility</b>	insoluble in water at 1mg/mL insoluble in DMSO at 1mg/mL soluble in 50% Acetic acid at 1mg/mL
<b>Purity (HPLC)</b>	98.2%
<b>Assay (AAA)</b>	84.0%

Latest update: May 23, 2019

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