

## Analytical Data Sheet

Lot number **1074212**  
not for drug use

**Catalog number** H-8308.0500  
**Product number** 4104896.0500  
**Product** **Checkpoint Protein Hus1 (213- 232) (human) trifluoroacetate salt**  
H- Leu- Ala- Ser- Glu- Ser- Thr- His- Glu- Asp- Arg- Asn- Val- Glu- His- Met- Ala- Glu- Val- His- Ile- OH trifluoroacetate salt  
**Molecular formula** C<sub>95</sub>H<sub>150</sub>N<sub>30</sub>O<sub>35</sub>S  
**Relative molecular mass** 2304.48

Tests	Results
<b>Appearance</b>	white powder
<b>Identification (MALDI-MS)</b>	2305.02
<b>Amino acid analysis</b>	Asx 2.02 (2) Val* 1.65 (2) Arg 1.04 (1) Thr 1.00 (1) Met** 0.85 (1) Ser 1.82 (2) Ile 0.91 (1) Glx 4.04 (4) Leu 0.92 (1) Ala 1.99 (2) His 2.75 (3)  *Valine value low due to the resistance of the Val-His bond to acid hydrolysis **Partially destroyed during acid hydrolysis
<b>Solubility</b>	soluble in water at 1mg/mL
<b>Purity (HPLC)</b>	96.5%
<b>Assay (AAA)</b>	87.1%

Latest update: November 10, 2017

**Analytical Data Sheet**  
Lot number **1074212**