

## Analytical Data Sheet

Lot number **1000016043**  
not for drug use

**Catalog number** H-7758.1000  
**Product number** 4048904.1000  
**Product** **Endothelin- 1 (human, bovine, dog, mouse, porcine, rat) trifluoroacetate salt**  
 H- Cys- Ser- Cys- Ser- Ser- Leu- Met- Asp- Lys- Glu- Cys- Val- Tyr- Phe- Cys- His- Leu- Asp- Ile- Ile- Trp- OH trifluoroacetate salt  
 (Disulfide bonds between Cys<sup>1</sup> and Cys<sup>15</sup>/Cys<sup>3</sup> and Cys<sup>11</sup>)  
**Molecular formula** C<sub>109</sub>H<sub>159</sub>N<sub>25</sub>O<sub>32</sub>S<sub>5</sub>  
**Relative molecular mass** 2491.94

Tests	Results
<b>Appearance</b>	white powder
<b>Identification (MALDI-MS)</b>	2492.10
<b>Amino acid analysis</b>	Asx 2.16 (2) Met 0.96 (1) His 1.01 (1) Ser 2.96 (3) Ile** 0.58 (2) Lys 1.07 (1) Glx 1.09 (1) Leu 1.98 (2) Trp* 0.74 (1) Cys* 0.22 (4) Tyr 0.78 (1) Val 0.72 (1) Phe 0.98 (1)  *Partially destroyed during acid hydrolysis **Isoleucine value low due to the resistance of the Ile-Ile bond to acid hydrolysis
<b>Solubility</b>	soluble in 1% Acetic acid at 1mg/mL
<b>Purity (HPLC)</b>	95.0%
<b>Assay (AAA)</b>	83.3%
<b>Date of manufacture</b>	April 12, 2019

Latest update: May 14, 2019

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