

## Analytical Data Sheet

Lot number **1070625**  
not for drug use

**Catalog number** H-7758.0500  
**Product number** 4048904.0500  
**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 lyophilized powder
<b>Identification (ESI-MS)</b>	m = 2491.6u
<b>Amino acid analysis</b>	Asx 2.1 (2) Leu 2.1 (2) Trp** 0.0(1) Cys 3.4 (4) Lys 1.0 (1) Tyr 0.8 (1) Glx 1.0 (1) Met 0.9 (1) Val 0.8 (1) His 0.9 (1) Phe 0.9 (1) Ile* 0.8 (2) Ser 2.7 (3)  * Ile-Ile bond was partially hydrolysed during hydrolysis ** Trp was completely destroyed during hydrolysis
<b>Solubility</b>	1 mg/mL in H <sub>2</sub> O
<b>Purity (HPLC)</b>	97.8%
<b>Peptide content</b>	80.5%

Latest update: March 07, 2017

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