

## Analytical Data Sheet

<b>Lot number</b>	<b>1000043629</b> not for drug use
<b>Product</b>	<b>Endothelin-2 (human, canine) acetate salt</b> H-Cys-Ser-Cys-Ser-Ser-Trp-Leu-Asp-Lys-Glu-Cys-Val-Tyr-Phe- Cys-His-Leu-Asp-Ile-Ile-Trp-OH acetate salt (Disulfide bonds between Cys <sup>1</sup> and Cys <sup>15</sup> /Cys <sup>3</sup> and Cys <sup>11</sup> )
<b>Product number</b>	<b>4016278.0500</b>
<b>Molecular formula</b>	C <sub>115</sub> H <sub>160</sub> N <sub>26</sub> O <sub>32</sub> S <sub>4</sub>
<b>Relative molecular mass</b>	2546.96

Tests	Results
<b>Appearance</b>	off-white powder
<b>Identification (ESI-MS)</b>	m=2547.7 (average mass)
<b>Amino acid analysis</b>	Asx 1.99 (2)    Ser 2.70 (3) Glx 1.01 (1)    His 0.96 (1) Leu 2.00 (2)    Tyr 0.84 (1) Val 0.93 (1)    Lys 1.09 (1) Ile* 1.17 (2)    Cyss det. Phe 0.98 (1)    Trp det.  *Ile-Ile incomplete hydrolysis Trp, Cys and Cyss detected Cyss det. RT 24.61min, Cys det. RT 23.66min, Cyss hydrolyzed to Cys
<b>Solubility</b>	1 mg/mL soluble in 20% AcOH
<b>Purity (HPLC)</b>	96.8% (TFA) 95.4% (NaClO <sub>4</sub> )
<b>Assay (elemental analysis)</b>	87.1% (N <sub>Th</sub> 14.30%, N <sub>Fd</sub> 12.45%)

Latest update: February 16, 2021

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