

# Analytical Data Sheet

Lot number

## 1025021

not for drug use

**Catalog Number**

**H-9030.0500**

**Product number**

**4014579.0500**

**Product**

**Big Endothelin- 1 (human)**

H- Cys- Ser- Cys- Ser- Ser- Leu- Met- Asp- Lys- Glu- Cys- Val- Tyr- Phe- Cys- His- Leu- Asp- Ile- Ile- Trp- Val- Asn- Thr- Pro- Glu- His- Val- Val- Pro- Tyr- Gly- Leu- Gly- Ser- Pro- Arg- Ser- OH  
(Disulfide bonds between Cys<sup>1</sup> and Cys<sup>15</sup>/Cys<sup>3</sup> and Cys<sup>11</sup>)

**Molecular formula**

$C_{189}H_{282}N_{48}O_{56}S_5$

**Relative molecular mass**

4282.94

Tests	Results	
<b>Appearance</b>	white powder	
<b>Appearance of solution</b>	clear, colorless solution (1 mg/mL in 80% acetic acid)	
<b>Identification (ESI-MS)</b>	m = 4282.9u (average mass)	
<b>Purity (HPLC)</b>	94.0% (TFA) 95.1% (NaClO <sub>4</sub> )	
<b>Assay (elemental analysis)</b>	81.9% (Nth 15.70%, Nfd 12.85%)	
Latest update: July 31, 2009		<b>Analytical Data Sheet</b> Lot number <b>1025021</b>