

Analytical Data Sheet

Lot number **1069514**
not for drug use

Catalog number **H-7572.0100**
Product number **4044169.0100**
Product **Big Endothelin- 3 (1- 41) amide (human) trifluoroacetate salt**
H- Cys- Thr- Cys- Phe- Thr- Tyr- Lys- Asp- Lys- Glu- Cys- Val- Tyr- Tyr- Cys- His- Leu- Asp- Ile- Ile- Trp- Ile- Asn- Thr- Pro- Glu- Gln- Thr- Val- Pro- Tyr- Gly- Leu- Ser- Asn- Tyr- Arg- Gly- Ser- Phe- Arg- NH₂
trifluoroacetate salt
(Disulfide bonds between Cys¹ and Cys¹⁵/Cys³ and Cys¹¹)
Molecular formula **C₂₂₃H₃₂₂N₅₆O₆₃S₄**
Relative molecular mass **4923.61**

Tests	Results
Appearance	white powder
Identification (MALDI-MS)	4922.82
Amino acid analysis	Asx 4.07 (4) Gly 2.08 (2) Tyr 4.54 (5) Arg 2.01 (2) Thr 4.70 (4) Cys* 0.62 (4) Phe 1.99 (2) Ser 1.90 (2) Val 2.28 (2) His 1.06 (1) Glx 2.91 (3) Ile** 1.97 (3) Lys 2.03 (2) Pro 2.18 (2) Leu 2.03 (2) Trp* 0.01 (1) *Partially destroyed during acid hydrolysis **Isoleucine value low due to the resistance of the Ile-Ile bond to acid hydrolysis
Solubility	soluble in 1% Acetic acid at 1mg/mL
Purity (HPLC)	96.4%
Assay (AAA)	78.9%

Latest update: January 16, 2017

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