

Analytical Data Sheet

Lot number

1071333

not for drug use

Catalog number

H-7682.0500

Product number

4095741.0500

Product

Adrenomedullin (porcine) trifluoroacetate salt
 H- Tyr- Arg- Gln- Ser- Met- Asn- Asn- Phe- Gln- Gly-
 Leu- Arg- Ser- Phe- Gly- Cys- Arg- Phe- Gly- Thr- Cys-
 Thr- Val- Gln- Lys- Leu- Ala- His- Gln- Ile- Tyr- Gln-
 Phe- Thr- Asp- Lys- Asp- Lys- Asp- Gly- Val- Ala- Pro-
 Arg- Ser- Lys- Ile- Ser- Pro- Gln- Gly- Tyr- NH₂
 trifluoroacetate salt
 (Disulfide bond)

Molecular formula

$C_{262}H_{403}N_{79}O_{76}S_3$

Relative molecular mass

5971.77

Tests	Results
Appearance	white powder
Identification (MALDI-MS)	5970.91
Amino acid analysis	Asx 5.34 (5) Gly 5.46 (5) Ile 1.54 (2) Lys 4.24 (4) Thr 2.84 (3) Ala 2.13 (2) Leu 1.88 (2) Arg 4.07 (4) Ser 3.87 (4) Cys** 0.01 (2) Tyr 2.65 (3) Glx 5.90 (6) Val 1.68 (2) Phe 3.99 (4) Pro* 2.27 (2) Met** 0.41 (1) His 1.11 (1) *Proline value high due to the incorporation of cysteine **Partially destroyed during acid hydrolysis
Solubility	soluble in water at 1mg/mL
Purity (HPLC)	98.0%
Assay (AAA)	87.7%

Latest update: June 07, 2017

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