

## Analytical Data Sheet

Lot number **1000000434**  
not for drug use

**Catalog number** H-2932.0500  
**Product number** 4030315.0500  
**Product** **Adrenomedullin (human) 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- Asn- Val- Ala- Pro-  
 Arg- Ser- Lys- Ile- Ser- Pro- Gln- Gly- Tyr- NH<sub>2</sub>  
 trifluoroacetate salt  
 (Disulfide bond)  
**Molecular formula** C<sub>264</sub>H<sub>406</sub>N<sub>80</sub>O<sub>77</sub>S<sub>3</sub>  
**Relative molecular mass** 6028.82

Tests	Results
<b>Appearance</b>	white powder
<b>Identification (ESI-MS)</b>	m = 6026.8u (average mass)
<b>Amino acid analysis</b>	Asx 6.2 (6) Gly 4.0 (4) Ile 1.8 (2) Lys 4.0 (4) Thr* 2.8 (3) Ala 2.0 (2) Leu 2.0 (2) Arg 4.1 (4) Ser* 3.6 (4) Cys** 1.6 (2) Tyr 3.0 (3) Glx 6.0 (6) Val 2.0 (2) Phe 4.0 (4) Pro 2.2 (2) Met 0.8 (1) His 0.9 (1)
	* May be partially destroyed during acid hydrolysis ** Use hydrolysis without phenol
<b>Purity (HPLC)</b>	≥ 97%
<b>Peptide content</b>	79.2%

Latest update: June 20, 2018

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