

## Analytical Data Sheet

Lot number **1076116**  
not for drug use

**Catalog number** H-5680.0500  
**Product number** 4030282.0500  
**Product** **Neuropeptide K (human, porcine, rat) trifluoroacetate salt**  
 H- Asp- Ala- Asp- Ser- Ser- Ile- Glu- Lys- Gln- Val- Ala-  
 Leu- Leu- Lys- Ala- Leu- Tyr- Gly- His- Gly- Gln- Ile-  
 Ser- His- Lys- Arg- His- Lys- Thr- Asp- Ser- Phe- Val-  
 Gly- Leu- Met- NH<sub>2</sub> trifluoroacetate salt  
**Molecular formula** C<sub>175</sub>H<sub>284</sub>N<sub>52</sub>O<sub>52</sub>S  
**Relative molecular mass** 3980.57

Tests	Results
<b>Appearance</b>	white lyophilized powder
<b>Identification (ESI-MS)</b>	m = 3980.0u
<b>Amino acid analysis</b>	Ala 3.1 (3) His 3.2 (2) Phe 1.0 (1) Arg 1.1 (1) Ile 1.9 (2) Ser 3.3 (4) Asx 3.0 (3) Leu 4.1 (4) Thr 0.9 (1) Glx 3.2 (3) Lys 4.0 (4) Tyr 1.2 (1) Gly 3.2 (3) Met 1.0 (1) Val 2.1 (2)
<b>Solubility</b>	1 mg/mL in H <sub>2</sub> O
<b>Purity (HPLC)</b>	95.6%
<b>Peptide content</b>	74.0%

Latest update: March 21, 2018

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