

## Analytical Data Sheet

Lot number **1075229**  
not for drug use

**Catalog number** H-3322.1000  
**Product number** 4031097.1000  
**Product** **Neuropeptide Y (free acid) (human, rat) trifluoroacetate salt**  
 H- Tyr- Pro- Ser- Lys- Pro- Asp- Asn- Pro- Gly- Glu- Asp- Ala- Pro- Ala- Glu- Asp- Met- Ala- Arg- Tyr- Tyr- Ser- Ala- Leu- Arg- His- Tyr- Ile- Asn- Leu- Ile- Thr- Arg- Gln- Arg- Tyr- OH trifluoroacetate salt  
**Molecular formula**  $C_{189}H_{284}N_{54}O_{58}S$   
**Relative molecular mass** 4272.73

Tests	Results
<b>Appearance</b>	white powder
<b>Identification (MALDI-MS)</b>	m= 4272.8u
<b>Amino acid analysis</b>	Asx 4.9(5) Thr* 0.8(1) Ser* 1.4(2) Glx 2.9(3) Pro 4.1(4) Gly 1.0(1) Ala 4.1(4) Met 1.0(1) Ile 2.0(2) Leu 2.0(2) Tyr 4.8(5) His 1.0(1) Lys 1.0(1) Arg 4.3(4)  * partially destroyed during acid hydrolysis
<b>Solubility</b>	soluble in water
<b>Purity (HPLC)</b>	> 96%
<b>Assay (AAA)</b>	81.5%

Latest update: January 16, 2018

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