

# Analytical Data Sheet

Lot number

## 1020070

not for drug use

<b>Catalog Number</b>	<b>H-9185.1000</b>
<b>Product number</b>	<b>4016635.1000</b>
<b>Product</b>	<b>Peptide YY (13– 36) (canine, mouse, porcine, rat) trifluoroacetate salt</b> H- Ser- Pro- Glu- Glu- Leu- Ser- Arg- Tyr- Tyr- Ala- Ser- Leu- Arg- His- Tyr- Leu- Asn- Leu- Val- Thr- Arg- Gln- Arg- Tyr- NH <sub>2</sub> trifluoroacetate salt
<b>Molecular formula</b>	C <sub>135</sub> H <sub>209</sub> N <sub>41</sub> O <sub>38</sub>
<b>Relative molecular mass</b>	3014.40

Tests	Results															
<b>Appearance</b>	white powder															
<b>Identification (ESI-MS)</b>	m = 3014.4u															
<b>Identification (elemental analysis)</b>	<table border="0"> <tr> <td>Theory</td> <td>Found</td> </tr> <tr> <td>C = 44.49 %</td> <td>C = 44.25 %</td> </tr> <tr> <td>H = 5.56 %</td> <td>H = 5.56 %</td> </tr> <tr> <td>N = 13.90 %</td> <td>N = 14.33 %</td> </tr> </table>	Theory	Found	C = 44.49 %	C = 44.25 %	H = 5.56 %	H = 5.56 %	N = 13.90 %	N = 14.33 %							
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<b>Amino acid analysis</b>	<table border="0"> <tr> <td>Asx 1.08 (1)</td> <td>Arg 4.29 (4)</td> <td>His 1.04 (1)</td> </tr> <tr> <td>Ser 2.69 (3)</td> <td>Thr 0.99 (1)</td> <td></td> </tr> <tr> <td>Pro 1.08 (1)</td> <td>Glx 3.18 (3)</td> <td></td> </tr> <tr> <td>Val 1.06 (1)</td> <td>Ala 1.02 (1)</td> <td></td> </tr> <tr> <td>Tyr 4.00 (4)</td> <td>Leu 4.12 (4)</td> <td></td> </tr> </table>	Asx 1.08 (1)	Arg 4.29 (4)	His 1.04 (1)	Ser 2.69 (3)	Thr 0.99 (1)		Pro 1.08 (1)	Glx 3.18 (3)		Val 1.06 (1)	Ala 1.02 (1)		Tyr 4.00 (4)	Leu 4.12 (4)	
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Tyr 4.00 (4)	Leu 4.12 (4)															
<b>Solubility</b>	soluble in water															
<b>Purity (HPLC)</b>	97.1 % (TFA) 97.2 % (TEAP) 96.0 % (NaClO <sub>4</sub> )															
<b>Assay (elemental analysis)</b>	75.2 % (Nth 19.05 %, Nfd 14.33 %)															
<b>General comment</b>	Product supplied as a trifluoroacetate salt															
Latest update: November 03, 2008																