

Analytical Data Sheet

Lot number

1021675

not for drug use

Catalog Number	H-9185.0500
Product number	4016635.0500
Product	Peptide YY (13– 36) (canine, mouse, porcine, rat) trifluoroacetate salt 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 ₂ trifluoroacetate salt
Molecular formula	C ₁₃₅ H ₂₀₉ N ₄₁ O ₃₈
Relative molecular mass	3014.40

Tests	Results															
Appearance	white powder															
Identification (ESI-MS)	m = 3014.4u															
Identification (elemental analysis)	<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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Tyr 4.00 (4)	Leu 4.12 (4)															
Solubility	soluble in water															
Purity (HPLC)	97.1 % (TFA) 97.2 % (TEAP) 96.0 % (NaClO ₄)															
Assay (elemental analysis)	75.2 % (Nth 19.05 %, Nfd 14.33 %)															
General comment	Product supplied as a trifluoroacetate salt															
Latest update: January 20, 2009																