

Analytical Data Sheet

Lot number

1022376

not for drug use

Catalog Number

H-8575.0500

Product number

4018713.0500

Product

(Leu³¹, Pro³⁴) – Neuropeptide Y (porcine) trifluoroacetate salt

H- Tyr- Pro- Ser- Lys- Pro- Asp- Asn- Pro- Gly- Glu- Asp- Ala- Pro- Ala- Glu- Asp- Leu- Ala- Arg- Tyr- Tyr- Ser- Ala- Leu- Arg- His- Tyr- Ile- Asn- Leu- Leu- Thr- Arg- Pro- Arg- Tyr- NH₂ trifluoroacetate salt

Molecular formula

C₁₉₀H₂₈₆N₅₄O₅₆

Relative molecular mass

4222.69

Tests	Results	
Appearance	white powder	
Identification (ESI-MS)	m = 4222.8u	
Amino acid analysis	Asx 5.55 (5) Gly 0.95 (1) Glx 2.00 (2) Pro 4.93 (5) Tyr 4.97 (5) Ile 0.91 (1) Leu 4.38 (4) Ser 1.83 (2) Lyo 0.93 (1) Arg 4.19 (4) Ala 4.39 (4) Thr 0.93 (1) His 0.91 (1)	
Solubility	soluble in water	
Purity (HPLC)	98.5% (TEAP) 99.7% (TFA)	
Assay (elemental analysis)	77% (Nth 17.91 %, nfd 13.85 %)	
Latest update: February 20, 2009		Analytical Data Sheet Lot number 1022376