

Analytical Data Sheet

Lot number **1000007533**
not for drug use

Catalog number H-8575.1000
Product number 4018713.1000
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) Lys 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: November 06, 2018

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