

Analytical Data Sheet

Lot number **1074831**
not for drug use

Catalog number H-6514.0500
Product number 4054937.0500
Product **Kisspeptin- 54 (human) trifluoroacetate salt**
 H- Gly- Thr- Ser- Leu- Ser- Pro- Pro- Glu- Ser- Ser-
 Gly- Ser- Arg- Gln- Gln- Pro- Gly- Leu- Ser- Ala- Pro-
 His- Ser- Arg- Gln- Ile- Pro- Ala- Pro- Gln- Gly- Ala- Val-
 Leu- Val- Gln- Arg- Glu- Lys- Asp- Leu- Pro- Asn- Tyr-
 Asn- Trp- Asn- Ser- Phe- Gly- Leu- Arg- Phe- NH₂
 trifluoroacetate salt
Molecular formula C₂₅₈H₄₀₁N₇₉O₇₈
Relative molecular mass 5857.51

Tests	Results
Appearance	white powder
Identification (MALDI-MS)	m = 5858.1u
Amino acid analysis	Asx 3.9 (4) Arg 4.2 (4) Lys 1.1 (1) Trp* 0.4 (1) Glx 6.9 (7) Thr 0.9 (1) Ser* 6.5 (8) Ala 3.1 (3) Pro 8.0 (1) Gly 5.3 (5) Leu 4.7 (5) Val 1.9 (2) Ile 0.9 (1) His 1.1 (1) Tyr 1.0 (1) Phe 1.9 (2) * partially destroyed during acid hydrolysis
Solubility	soluble in water
Purity (HPLC)	> 95%
Assay (AAA)	89.3%

Latest update: December 14, 2017

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