

Analytical Data Sheet

Lot number **1076178**
not for drug use

Catalog number H-6686.1000
Product number 4064212.1000
Product **Adropin (34- 76) (human, mouse, rat) trifluoroacetate salt**
 H- Cys- His- Ser- Arg- Ser- Ala- Asp- Val- Asp- Ser-
 Leu- Ser- Glu- Ser- Ser- Pro- Asn- Ser- Ser- Pro- Gly-
 Pro- Cys- Pro- Glu- Lys- Ala- Pro- Pro- Pro- Gln- Lys-
 Pro- Ser- His- Glu- Gly- Ser- Tyr- Leu- Leu- Gln- Pro-
 OH trifluoroacetate salt
 (Disulfide bond)
Molecular formula $C_{190}H_{293}N_{55}O_{68}S_2$
Relative molecular mass 4499.88

Tests	Results
Appearance	white powder
Identification (MALDI-MS)	4499.61
Amino acid analysis	Asx 2.93 (3) Ala 2.06(2) His 1.93(2) Ser* 8.58(10) Cys* 0.21(2) Lys 2.00(2) Glx 4.92 (5) Val 1.15(1) Arg 0.97(1) Pro 8.97 (9) Leu 3.03(3) Gly 2.03 (2) Tyr 0.98(1) *Partially destroyed during acid hydrolysis
Solubility	soluble in water at 1mg/mL
Purity (HPLC)	98.0%
Assay (AAA)	77.5%

Latest update: March 26, 2018

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