

Analytical Data Sheet

Lot number

1020979

not for drug use

Catalog Number

H-6238.1000

Product number

4048157.1000

Product

Urocortin II (mouse) trifluoroacetate salt

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

Molecular formula

$C_{187}H_{320}N_{56}O_{50}$

Relative molecular mass

4152.95

Tests	Results
Appearance	white powder
Identification (MALDI-MS)	m = 4153.1 u
Amino acid analysis	Asx 3.1 (3) Thr 1.0 (1) Ser 1.0 (1) Glx 4.2 (4) Pro 1.0 (1) Gly 1.0 (1) Ala 7.1 (7) Val* 2.2 (3) Ile* 2.9 (4) Leu 6.9 (7) Tyr 1.0 (1) His 0.8 (1) Lys 1.0 (1) Arg 2.9 (3) * Valine and Isoleucine values low due to the resistance of the Val-Ile bond to acid hydrolysis
Solubility	soluble in water
Purity (HPLC)	> 97%
Assay (AAA)	69.4%
Latest update: December 18, 2008	
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