

Analytical Data Sheet

Lot number **1075104**
not for drug use

Catalog number H-6568.0001
Product number 4059088.0001
Product **Preptin (human) trifluoroacetate salt**
 H- Asp- Val- Ser- Thr- Pro- Pro- Thr- Val- Leu- Pro- Asp-
 Asn- Phe- Pro- Arg- Tyr- Pro- Val- Gly- Lys- Phe- Phe-
 Gln- Tyr- Asp- Thr- Trp- Lys- Gln- Ser- Thr- Gln- Arg-
 Leu- OH trifluoroacetate salt
Molecular formula $C_{187}H_{275}N_{47}O_{53}$
Relative molecular mass 4029.53

Tests	Results
Appearance	white powder
Identification (MALDI-MS)	m = 4029.3u
Amino acid analysis	Asx 4.1 (4) Thr 3.8 (4) Gly 1.1 (1) Glx 2.9 (3) Pro 4.9 (5) Tyr 2.0 (2) Val 3.0 (3) Leu 2.0 (2) Trp* 0.7 (1) Phe 2.9 (3) Lys 2.1 (2) Arg 2.0 (2) Ser* 1.6 (2) * partially destroyed during acid hydrolysis
Solubility	soluble in water
Purity (HPLC)	> 98%
Assay (AAA)	85.8%

Latest update: January 16, 2018

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