

Analytical Data Sheet

Lot number **1066841**
not for drug use

Catalog number **H-3198.0005**
Product number **4031277.0005**
Product **(D- Trp⁸) - Somatostatin- 14 trifluoroacetate salt**
H- Ala- Gly- Cys- Lys- Asn- Phe- Phe- D- Trp- Lys- Thr-
Phe- Thr- Ser- Cys- OH trifluoroacetate salt
(Disulfide bond)
Molecular formula $C_{76}H_{104}N_{18}O_{19}S_2$
Relative molecular mass 1637.90

Tests	Results
Appearance	white powder
Identification (MALDI-MS)	1638.53
Amino acid analysis	Asx 1.02 (1) Cys* 0.06 (2) Thr 2.10 (2) Phe 2.90 (3) Ser* 0.84 (1) Lys 2.06 (2) Gly 1.00 (1) Trp* 0.58 (1) Ala 1.02 (1) *Partially destroyed during acid hydrolysis
Solubility	soluble in water at 1mg/mL
Purity (HPLC)	95.2%
Assay (AAA)	94.0%

Latest update: November 15, 2016

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