

Analytical Data Sheet

Lot number **1000013266**
not for drug use

Catalog number **H-6056.1000**
Product number **4044525.1000**
Product **H- p- Chloro- Phe- D- Cys- β- (3- pyridyl) - Ala- D- Trp- Lys- tBu- Gly- Cys- 2- Nal- NH₂ trifluoroacetate salt (Disulfide bond)**
Molecular formula **C₅₉H₇₁ClN₁₂O₈S₂**
Relative molecular mass **1175.87**

Tests	Results
Appearance	white powder
Identification (MALDI-MS)	1175.34
Amino acid analysis	Gly* Det (1) Trp^ 0.37 (1) Ala** Det (1) 2-Nal ND (1) Cys^ 0.01 (2) Phe^^ Det (1) Lys 1.00 (1) *Gly detected as tBu-Gly **Ala detected as B-(3-pyridyl)-Ala ^Partially destroyed during acid hydrolysis ^^Phe detected as p-Chloro-Phe
Solubility	soluble in water at 1mg/mL
Purity (HPLC)	97.4%
Assay (elemental analysis)	74.1% (N _{th} 14.29%; N _{fd} 10.59%)

Latest update: March 07, 2019

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