

## Analytical Data Sheet

Lot number **1068474**  
not for drug use

Catalog number **H-5884.1000**  
Product number **4041641.1000**  
Product **H- p- Chloro- Phe- D- Cys- β- (3- pyridyl) - Ala- D- Trp- N- Me- Lys- Thr- Cys- 2- Nal- NH<sub>2</sub> trifluoroacetate salt (Disulfide bond)**  
Molecular formula **C<sub>58</sub>H<sub>69</sub>ClN<sub>12</sub>O<sub>9</sub>S<sub>2</sub>**  
Relative molecular mass **1177.85**

Tests	Results
Appearance	white powder
Identification (MALDI-MS)	1177.14
Amino acid analysis	Thr 1.00 (1) Trp** 0.52 (1) Ala* Det(1) 2-Nal Det(1) Cys** 0.07 (2) Phe^ Det(1) Lys^^ Det(1)  *Ala detected as B-(3-pyridyl)-Ala **Partially destroyed during acid hydrolysis ^Phe detected as p-Chloro-Phe ^^Lys detected as N-Me-Lys
Solubility	soluble in water at 1mg/mL
Purity (HPLC)	98.7%
Assay (elemental analysis)	73.5% (N <sub>th</sub> 14.27%; N <sub>fd</sub> 10.49%)

Latest update: November 15, 2016

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