

Analytical Data Sheet

Lot number **1074544**
not for drug use

Catalog number **G-1835.0250**
Product number **4000996.0250**
Product **(H- Cys- Tyr- OH)₂**
(Disulfide bond)
Molecular formula **C₂₄H₃₀N₄O₈S₂**
Relative molecular mass **566.66**

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/mL in AcOH 80%)
Identification (ESI-MS)	m= 566.7u (average mass)
Purity (HPLC)	99.4%
Purity (TLC)	> 96%
TLC conditions	n-butanol/acetic acid/H ₂ O 4/2/2 isopropanol/ammonia conc. 1/1 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, TMB
Assay (elemental analysis)	96.4% (Nth 9.89%, Nfd 9.53%)

Latest update: November 24, 2017

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