

Analytical Data Sheet

Lot number **1068943**
not for drug use

Catalog number **B-1555.0001**
Product number **4011809.0001**
Product **(Fmoc- Cys- OSu)₂**
(Disulfide bond)
Molecular formula **C₄₄H₃₈N₄O₁₂S₂**
Relative molecular mass **878.94**

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/ml in DMF)
Identification (elemental analysis)	Theory Found C = 59.76 % C = 59.39 % H = 4.40 % H = 4.38 % N = 6.34 % N = 6.30 % calc. as x 0.3 H ₂ O
Identification (TLC)	complies with authentic material
Melting point	141 °C
Purity (TLC)	decomposition on TLC Plate
TLC conditions	chloroform/ethylacetate/acetic acid 50/50/2 benzene/dioxane/acetic acid 95/25/4 chloroform/methanol/acetic acid 90/8/2 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine-tolidine

Latest update: December 01, 2016

Analytical Data Sheet
Lot number **1068943**