

# Analytical Data Sheet

Lot number

## 1029487

not for drug use

<b>Catalog Number</b>	<b>B-1555.0005</b>
<b>Product number</b>	<b>4011809.0005</b>
<b>Product</b>	<b>(Fmoc- Cys- OSu)<sub>2</sub> (Disulfide bond)</b>
<b>Molecular formula</b>	<b>C<sub>44</sub>H<sub>38</sub>N<sub>4</sub>O<sub>12</sub>S<sub>2</sub></b>
<b>Relative molecular mass</b>	<b>878.94</b>

Tests	Results								
<b>Appearance</b>	white powder								
<b>Appearance of solution</b>	clear, colorless solution (50 mg/ml in DMF)								
<b>Identification (elemental analysis)</b>	<table border="0"> <tr> <td>Theory</td> <td>Found</td> </tr> <tr> <td>C = 59.76 %</td> <td>C = 59.39 %</td> </tr> <tr> <td>H = 4.40 %</td> <td>H = 4.38 %</td> </tr> <tr> <td>N = 6.34 %</td> <td>N = 6.30 %</td> </tr> </table> <p>calc. as x 0.3 H<sub>2</sub>O</p>	Theory	Found	C = 59.76 %	C = 59.39 %	H = 4.40 %	H = 4.38 %	N = 6.34 %	N = 6.30 %
Theory	Found								
C = 59.76 %	C = 59.39 %								
H = 4.40 %	H = 4.38 %								
N = 6.34 %	N = 6.30 %								
<b>Identification (TLC)</b>	complies with authentic material								
<b>Melting point</b>	141 °C								
<b>Purity (TLC)</b>	decomposition on TLC Plate								
<b>TLC conditions</b>	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 <sub>254</sub> detected by: UV, ninhydrin, chlorine-tolidine								
Latest update: March 01, 2010	<b>Analytical Data Sheet</b> Lot number <b>1029487</b>								