

# Analytical Data Sheet

Lot number

**1050717**

not for drug use

<b>Catalog Number</b>	<b>B-1115.0005</b>
<b>Product number</b>	<b>4011855.0005</b>
<b>Product</b>	<b>Fmoc- Cys(Acm) - OPfp</b>
<b>Molecular formula</b>	$C_{27}H_{21}F_5N_2O_5S$
<b>Relative molecular mass</b>	580.53

Tests	Results								
<b>Appearance</b>	white powder								
<b>Appearance of solution</b>	clear, colorless solution (50 mg/ml in dioxane)								
<b>Identification (elemental analysis)</b>	<table border="0"> <tr> <td>Theory</td> <td>Found</td> </tr> <tr> <td>C = 55.86 %</td> <td>C = 55.79 %</td> </tr> <tr> <td>H = 3.65 %</td> <td>H = 3.75 %</td> </tr> <tr> <td>N = 4.83 %</td> <td>N = 4.82 %</td> </tr> </table>	Theory	Found	C = 55.86 %	C = 55.79 %	H = 3.65 %	H = 3.75 %	N = 4.83 %	N = 4.82 %
Theory	Found								
C = 55.86 %	C = 55.79 %								
H = 3.65 %	H = 3.75 %								
N = 4.83 %	N = 4.82 %								
<b>Identification (TLC)</b>	complies with authentic material								
<b>Melting point</b>	166 °C								
<b>Purity (TLC)</b>	decomposes on TLC plate								
<b>TLC conditions</b>	benzene/dioxane/acetic acid 95/25/4 chloroform/methanol/acetic acid 80/3/1 chloroform/methanol/acetic acid 90/8/2 plate: silicagel 60 F <sub>254</sub> detected by: UV, ninhydrin, chlorine-tolidine								
Latest update: November 04, 2013	<b>Analytical Data Sheet</b> Lot number <b>1050717</b>								