

# Analytical Data Sheet

Lot number

## 1045340

not for drug use

<b>Catalog Number</b>	<b>B-1325.0005</b>
<b>Product number</b>	<b>4003179.0005</b>
<b>Product</b>	<b>Fmoc- Glu(OtBu) - OSu</b>
<b>Molecular formula</b>	$C_{28}H_{30}N_2O_8$
<b>Relative molecular mass</b>	522.56

Tests	Results								
<b>Appearance</b>	off-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 = 64.4%</td> <td>C = 64.4%</td> </tr> <tr> <td>H = 5.8%</td> <td>H = 5.8%</td> </tr> <tr> <td>N = 5.4%</td> <td>N = 5.2%</td> </tr> </table>	Theory	Found	C = 64.4%	C = 64.4%	H = 5.8%	H = 5.8%	N = 5.4%	N = 5.2%
Theory	Found								
C = 64.4%	C = 64.4%								
H = 5.8%	H = 5.8%								
N = 5.4%	N = 5.2%								
<b>Identification (TLC)</b>	complies with authentic material								
<b>Melting point</b>	166 °C								
<b>Purity (HPLC)</b>	99.3% (TFA)								
<b>TLC conditions</b>	chloroform/methanol/acetic acid 90/8/2 chloroform/ethylacetate/acetic acid 50/50/2 benzene/dioxane/acetic acid 95/25/4 plate: silicagel 60 F <sub>254</sub> detected by: UV, ninhydrin, chlorine-tolidine								
<b>Assay (elemental analysis)</b>	100.1% (Cth 64.36%, Cfd 64.39%)								

Latest update: November 08, 2012

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