

# Analytical Data Sheet

Lot number

## 1025148

not for drug use

<b>Catalog Number</b>	<b>B-1700.0025</b>
<b>Product number</b>	<b>4012039.0025</b>
<b>Product</b>	<b>Fmoc- Gln(Tmob) - OH</b>
<b>Molecular formula</b>	$C_{30}H_{32}N_2O_8$
<b>Relative molecular mass</b>	548.59

Tests	Results
<b>Appearance</b>	white powder
<b>Appearance of solution</b>	clear, colorless solution (5 % in DMF)
<b>Identification (TLC)</b>	complies with authentic material
<b>Melting point</b>	167 °C
<b>Specific optical rotation</b>	$[\alpha]_D^{24} = + 22.3^\circ$ (1 % in $CHCl_3$ )
<b>Purity (HPLC)</b>	> 99%
<b>Purity (TLC)</b>	> 99%
<b>TLC conditions</b>	chloroform/methanol/benzene/ $H_2O$ 8/8/8/1 chloroform/methanol/acetic acid 90/8/2 benzene/dioxane/acetic acid 95/25/4 ethylacetate/pyridine/acetic acid/ $H_2O$ 60/10/3/4 plate: silicagel 60 F <sub>254</sub> detected by: UV, Pauly
Latest update: July 08, 2009	<b>Analytical Data Sheet</b> Lot number <b>1025148</b>