

# Analytical Data Sheet

Lot number

**1037817**

not for drug use

<b>Catalog Number</b>	<b>B-1335.0025</b>
<b>Product number</b>	<b>4003175.0025</b>
<b>Product</b>	<b>Fmoc- Gly- OSu</b>
<b>Molecular formula</b>	$C_{21}H_{18}N_2O_6$
<b>Relative molecular mass</b>	394.38

Tests	Results
<b>Appearance</b>	white powder
<b>Appearance of solution</b>	clear, colorless solution (50 mg/mL in dioxane) clear, colorless solution (0.5 mmol/mL in DMF)
<b>Identification (TLC)</b>	complies with authentic material
<b>Melting point</b>	177 °C
<b>Purity (HPLC)</b>	97.6% (TFA)
<b>Purity (TLC)</b>	agree with autentic material
<b>TLC conditions</b>	chloroform/ethylacetate/acetic acid 50/50/2 chloroform/methanol/toluene/H <sub>2</sub> O 8/8/8/1 chloroform/methanol/acetic acid 90/8/2 plate: silicagel 60 F <sub>254</sub> detected by: UV, ninhydrin, TMB
<b>Assay (elemental analysis)</b>	99.3% (Nth 7.10%, Nfd 7.05%)
<b>Water content (KF volumetric)</b>	0.4%
Latest update: July 18, 2011	