

# Analytical Data Sheet

Lot number

**1026205**

not for drug use

<b>Catalog Number</b>	<b>B-1765.0025</b>
<b>Product number</b>	<b>4012057.0025</b>
<b>Product</b>	<b>Fmoc- β- Ala- OPfp</b>
<b>Molecular formula</b>	$C_{24}H_{16}F_5NO_4$
<b>Relative molecular mass</b>	477.39

Tests	Results
<b>Appearance</b>	white powder
<b>Appearance of solution</b>	clear, colorless solution (50 mg/ml in dioxane)
<b>Identification (TLC)</b>	Complies with authentic material
<b>Melting point</b>	117 °C
<b>Purity (HPLC)</b>	99.9% (TFA)
<b>Purity (TLC)</b>	> 99%
<b>TLC conditions</b>	chloroform/ethylacetate 1/1 chloroform/ethylacetate/acetic acid 50/50/2 toluene/dioxane/acetic acid 95/25/4 MeOH 90 % RP8 plate: silicagel 60 F <sub>254</sub> detected by: UV, ninhydrin, chlorine-tolidine
<b>Assay (elemental analysis)</b>	99.7% (Cth 60.38 %, Cfd 60.18 %)
Latest update: August 27, 2009	