

# Analytical Data Sheet

Lot number

**1041119**

not for drug use

<b>Catalog Number</b>	<b>B-1520.0001</b>
<b>Product number</b>	<b>4003183.0001</b>
<b>Product</b>	<b>Fmoc- Pro- Phe- OH</b>
<b>Molecular formula</b>	$C_{29}H_{28}N_2O_5$
<b>Relative molecular mass</b>	484.55

Tests	Results
<b>Appearance</b>	yellowish powder
<b>Appearance of solution</b>	clear, slight yellow solution (5 % in DMF)
<b>Melting point</b>	76 °C
<b>TLC conditions</b>	chloroform/methanol/acetic acid 77.5/15/7.5 chloroform/methanol/benzene/H <sub>2</sub> O 8/8/8/1 plate: silicagel 60 F <sub>254</sub> detected by: UV, chlorine-tolidine
<b>Water content (KF volumetric)</b>	1.9%
<b>Peptide content</b>	98%
Latest update: February 14, 2012	<b>Analytical Data Sheet</b> Lot number <b>1041119</b>