

# Analytical Data Sheet

Lot number

## 1047895

not for drug use

<b>Catalog Number</b>	<b>A-4235.0005</b>
<b>Product number</b>	<b>4027217.0005</b>
<b>Product</b>	<b>Boc- D- Dap(Fmoc) - OH</b>
<b>Molecular formula</b>	$C_{23}H_{26}N_2O_6$
<b>Relative molecular mass</b>	426.47

Tests	Results								
<b>Appearance</b>	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 = 64.8%</td> <td>C = 64.6%</td> </tr> <tr> <td>H = 6.2%</td> <td>H = 6.1%</td> </tr> <tr> <td>N = 6.6%</td> <td>N = 6.5%</td> </tr> </table>	Theory	Found	C = 64.8%	C = 64.6%	H = 6.2%	H = 6.1%	N = 6.6%	N = 6.5%
Theory	Found								
C = 64.8%	C = 64.6%								
H = 6.2%	H = 6.1%								
N = 6.6%	N = 6.5%								
<b>Identification (TLC)</b>	complies with authentic material								
<b>Purity (HPLC)</b>	99.8% (TFA)								
<b>Purity (TLC)</b>	> 99%								
<b>TLC conditions</b>	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, chlorine-tolidine								
<b>Enantiomer content (GC)</b>	0.2% D-Enantiomer								
<b>Assay (titration)</b>	100.6% (TBAH)								
<b>Water content (KF volumetric)</b>	0.1%								
Latest update: April 22, 2013									