

# Analytical Data Sheet

Lot number

**1049957**

not for drug use

<b>Catalog Number</b>	<b>B-2270.0001</b>
<b>Product number</b>	<b>4019034.0001</b>
<b>Product</b>	<b>Fmoc- Dab(Fmoc) - OH</b>
<b>Molecular formula</b>	$C_{34}H_{30}N_2O_6$
<b>Relative molecular mass</b>	562.62

Tests	Results
<b>Appearance</b>	white powder
<b>Appearance of solution</b>	clear, colorless solution (50 mg/ml in dioxane)
<b>Identification (TLC)</b>	conforms with authentic material
<b>Melting point</b>	132 °C
<b>Purity (HPLC)</b>	98.6% (TFA)
<b>Purity (TLC)</b>	> 99%
<b>TLC conditions</b>	chloroform/methanol/toluene/H <sub>2</sub> O 8/8/8/1 toluene/dioxane/acetic acid 95/25/4 plate: silicagel 60 F <sub>254</sub> detected by: UV, ninhydrin, chlorine-tolidine
<b>Assay (titration)</b>	97.9% (TBAH)
<b>Water content (KF volumetric)</b>	0.8%
Latest update: September 13, 2013	

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