

## Analytical Data Sheet

Lot number **1071846**  
not for drug use

Catalog number **B-2265.0005**  
Product number **4019016.0005**  
Product **Fmoc- Dap(Fmoc) - OH**  
Molecular formula  $C_{33}H_{28}N_2O_6$   
Relative molecular mass 548.60

Tests	Results								
Appearance	white powder								
Appearance of solution	clear, colorless solution (50 mg/ml in MeOH:CHCl <sub>3</sub> 1:1)								
Identification (elemental analysis)	<table> <thead> <tr> <th>Theory</th> <th>Found</th> </tr> </thead> <tbody> <tr> <td>C = 72.3 %</td> <td>C = 71.9 %</td> </tr> <tr> <td>H = 5.1 %</td> <td>H = 5.1 %</td> </tr> <tr> <td>N = 5.1 %</td> <td>N = 5.0 %</td> </tr> </tbody> </table>	Theory	Found	C = 72.3 %	C = 71.9 %	H = 5.1 %	H = 5.1 %	N = 5.1 %	N = 5.0 %
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C = 72.3 %	C = 71.9 %								
H = 5.1 %	H = 5.1 %								
N = 5.1 %	N = 5.0 %								
Identification (TLC)	complies with authentic material								
Melting point	192 ° C								
Purity (HPLC)	99.7% (TFA)								
Purity (TLC)	> 99%								
TLC conditions	chloroform/methanol/acetic acid/H <sub>2</sub> O 45/13/1/2 chloroform/methanol/toluene/H <sub>2</sub> O 8/8/8/1 ethylacetate/pyridine/acetic acid/H <sub>2</sub> O 60/20/6/11 plate: silicagel 60 F <sub>254</sub> detected by: UV, ninhydrin, chlorine-tolidine								
Assay (elemental analysis)	99.5% (Cth 72.25 %, Cfd 71.90 %)								

Latest update: June 07, 2017

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