

Analytical Data Sheet

Lot number

1015599

not for drug use

Catalog Number	B-2865.0005
Product number	4026634.0005
Product	Fmoc-Dap(Adpoc) - OH
Molecular formula	$C_{32}H_{38}N_2O_6$
Relative molecular mass	546.66

Tests	Results									
Appearance	white powder									
Appearance of solution	clear, colorless solution (50 mg/ml in dioxane)									
Identification (elemental analysis)	<table border="0"> <tr> <td>Theory</td> <td>Found</td> </tr> <tr> <td>C = 68.44 %</td> <td>C = 68.27 %</td> </tr> <tr> <td>H = 7.39 %</td> <td>H = 7.33 %</td> </tr> <tr> <td>N = 5.92 %</td> <td>N = 5.73 %</td> </tr> </table> <p>calc. as 0.5 dimethylformamide (6.6 %) x 0.2 ethylacetate (2.3 %)</p>	Theory	Found	C = 68.44 %	C = 68.27 %	H = 7.39 %	H = 7.33 %	N = 5.92 %	N = 5.73 %	
Theory	Found									
C = 68.44 %	C = 68.27 %									
H = 7.39 %	H = 7.33 %									
N = 5.92 %	N = 5.73 %									
Identification (TLC)	conforms with authentic material									
Purity (HPLC)	97.3% (TFA)									
Purity (TLC)	> 98%									
TLC conditions	chloroform/methanol/acetic acid 90/8/2 toluene/dioxane/acetic acid 95/25/4 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, TMB									
Residual organic solvents (GC)	6.2% dimethylformamide 2.4% ethylacetate									
Latest update: October 24, 2008		Analytical Data Sheet Lot number 1015599								