Analytical Data Sheet

Lot number

1019750

not for drug use

Catalog Number	**B–2865.0001**
Product number	**4026634.0001**
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)	Theory / Found C = 68.44 % / C = 68.27 % H = 7.39 % / H = 7.33 % N = 5.92 % / N = 5.73 % calc. as 0.5 dimethylformamide (6.6 %) x 0.2 ethylacetate (2.3 %)
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 27, 2008