

Analytical Data Sheet

Lot number **1071662**
not for drug use

Catalog number **B-2265.0001**
Product number **4019016.0001**
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 ₃ 1:1)
Identification (elemental analysis)	Theory Found 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 ₂ O 45/13/1/2 chloroform/methanol/toluene/H ₂ O 8/8/8/1 ethylacetate/pyridine/acetic acid/H ₂ O 60/20/6/11 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine-tolidine
Assay (elemental analysis)	99.5% (Cth 72.25 %, Cfd 71.90 %)

Latest update: May 11, 2017

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