

Analytical Data Sheet

Lot number **1069647**
not for drug use

Catalog number **B-2995.0001**
Product number **4026365.0001**
Product **Fmoc- Dap(Dnp) - OH**
Molecular formula $C_{24}H_{20}N_4O_8$
Relative molecular mass 492.45

Tests	Results
Appearance	yellow powder
Appearance of solution	clear, yellow solution (50 mg/ml in dioxane)
Identification (TLC)	conforms with authentic material
Purity (HPLC)	99.1% (TFA)
Purity (TLC)	≥ 99%
TLC conditions	chloroform/methanol/acetic acid 85/10/5 chloroform/methanol/toluene/H ₂ O 8/8/8/1 ethylacetate/pyridine/acetic acid/H ₂ O 60/10/3/4 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine-tolidine
Assay (elemental analysis)	97.2% (Nth 11.38 %, Nfd 11.06 %)
Water content (KF volumetric)	0.05%
Residual organic solvents (GC)	3.6% EtOAc

Latest update: January 26, 2017

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