

Analytical Data Sheet

Lot number **1059446**
not for drug use

Catalog number **B-3005.0005**
Product number **4027142.0005**
Product **Fmoc- Glu- ODmab**
Molecular formula $C_{40}H_{44}N_2O_8$
Relative molecular mass 680.81

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/mL in dioxane)
Identification (elemental analysis)	Theory Found C = 70.6% C = 70.5% H = 6.5% H = 6.6% N = 4.1% N = 4.0%
Identification (TLC)	complies with authentic material
Purity (HPLC)	98.6% (TFA)
Purity (TLC)	> 98%
TLC conditions	chloroform/methanol/toluene/H ₂ O 8/8/8/1 chloroform/methanol/acetic acid 90/8/2 chloroform/ethylacetate/acetic acid 50/50/2 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, TMB
Assay (titration)	97.2% (TBAH)
Water content (KF volumetric)	0.5%

Latest update: May 20, 2015

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