

Analytical Data Sheet

Lot number **1000017060**
not for drug use

Catalog number **B-1325.0001**
Product number **4003179.0001**
Product **Fmoc- Glu(OtBu) - OSu**
Molecular formula $C_{28}H_{30}N_2O_8$
Relative molecular mass 522.56

Tests	Results
Appearance	off-white powder
Appearance of solution	clear, colorless solution (50 mg/mL in dioxane)
Identification (elemental analysis)	Theory Found C = 64.4% C = 64.4% H = 5.8% H = 5.8% N = 5.4% N = 5.2%
Identification (TLC)	complies with authentic material
Melting point	166 °C
Purity (HPLC)	99.3% (TFA)
TLC conditions	chloroform/methanol/acetic acid 90/8/2 chloroform/ethylacetate/acetic acid 50/50/2 benzene/dioxane/acetic acid 95/25/4 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine-tolidine
Assay (elemental analysis)	100.1% (Cth 64.36%, Cfd 64.39%)

Latest update: June 18, 2019

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