

Analytical Data Sheet

Lot number **1000018274**
not for drug use

Catalog number **A-2910.0005**
Product number **4014280.0005**
Product **Boc- Glu(OSu) - OtBu**
Molecular formula $C_{18}H_{28}N_2O_8$
Relative molecular mass 400.43

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/mL in acetone)
Identification (elemental analysis)	Theory Found C = 54.0% C = 53.9% H = 7.1% H = 7.1% N = 7.0% N = 7.0%
Identification (TLC)	complies with authentic material
Melting point	140 °C
Purity (TLC)	> 99%
TLC conditions	methanol 70% plate: RP-8 chloroform/methanol/acetic acid 90/8/2 toluene/dioxane/acetic acid 95/25/4 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, TMB
Enantiomer content (chiral chromatography)	< 0.1% D-enantiomer
Assay (elemental analysis)	99.9% (Cth 53.99%, Cfd 53.94%)
Water content (KF volumetric)	0.1%

Latest update: July 09, 2019

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