

Analytical Data Sheet

Lot number **1067886**
not for drug use

Catalog number **A-1645.0005**
Product number **4002169.0005**
Product **Boc- D- Glu(OBzl) - OH**
Molecular formula $C_{17}H_{23}NO_6$
Relative molecular mass 337.37

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/ml in MeOH)
Identification (TLC)	conforms with authentic material
Melting point	70 °C
Specific optical rotation	$[\alpha]_D^{24} = +6.0^\circ$ (1 % in AcOH)
Purity (TLC)	> 99%
TLC conditions	chloroform/methanol/toluene/H ₂ O 8/8/8/1 chloroform/ethylacetate/acetic acid 50/50/2 toluene/dioxane/acetic acid 95/25/4 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine-tolidine
Assay (elemental analysis)	100.1% (Cth 60.52 %, Cfd 60.57 %)

Latest update: September 21, 2016

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