

# Analytical Data Sheet

Lot number

## 1049325

not for drug use

<b>Catalog Number</b>	<b>A-1645.0025</b>
<b>Product number</b>	<b>4002169.0025</b>
<b>Product</b>	<b>Boc- D- Glu(OBzl) - OH</b>
<b>Molecular formula</b>	$C_{17}H_{23}NO_6$
<b>Relative molecular mass</b>	337.37

Tests	Results
<b>Appearance</b>	white powder
<b>Appearance of solution</b>	clear, colorless solution (50 mg/ml in methanol)
<b>Identification (TLC)</b>	complies with authentic material
<b>Melting point</b>	70 °C
<b>Specific optical rotation</b>	$[\alpha]_D^{24} = +6.2^\circ$ (1% in acetic acid)
<b>Purity (TLC)</b>	> 99%
<b>TLC conditions</b>	chloroform/methanol/toluene/H <sub>2</sub> O 8/8/8/1 toluene/dioxane/acetic acid 95/25/4 chloroform/ethylacetate/acetic acid 50/50/2 plate: silicagel 60 F <sub>254</sub> detected by: UV, ninhydrin, chlorine-tolidine
<b>Assay (elemental analysis)</b>	99.7% (Cth 60.52%, Cfd 30.31%)
Latest update: July 29, 2013	

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