

Analytical Data Sheet

Lot number

1023490

not for drug use

Catalog Number	C-3120.0005
Product number	4007080.0005
Product	Z- D- Glu- OBzl
Molecular formula	C ₂₀ H ₂₁ NO ₆
Relative molecular mass	371.39

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/ml in methanol)
Identification (TLC)	complies with authentic material
Melting point	96 °C
Specific optical rotation	$[\alpha]_D^{24} = + 22.8^\circ$ (1 % in methanol)
Purity (TLC)	≥ 99%
TLC conditions	chloroform/methanol/toluene/H ₂ O 8/8/8/1 chloroform/methanol/acetic acid 90/8/2 toluene/dioxane/acetic acid 95/25/4 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine-tolidine
Assay (elemental analysis)	99.5% (Cth 64.68 %, Cfd 64.35 %)
Latest update: April 17, 2009	

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