

Analytical Data Sheet

Lot number **1064010**
not for drug use

Catalog number **C-1595.0025**
Product number **4000475.0025**
Product **Z- Glu(OtBu) - OH**
Molecular formula **C₁₇H₂₃NO₆**
Relative molecular mass **337.37**

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/mL in methanol)
Identification (elemental analysis)	Theory Found C = 60.5% C = 60.7% H = 6.9% H = 6.8% N = 4.2% N = 4.1%
Identification (TLC)	complies with authentic material
Melting point	83 °C
Specific optical rotation	$[\alpha]_D^{24} = -14.2^\circ$ (1 % in methanol)
Purity (TLC)	> 98.5%
TLC conditions	chloroform/methanol/toluene/H ₂ O 8/8/8/1 toluene/dioxane/acetic acid 95/25/4 chloroform/methanol/acetic acid 90/8/2 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, TMB
Enantiomer content (GC)	0.1% D-Enantiomer

Latest update: January 26, 2016

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