

Analytical Data Sheet

Lot number **1059447**
not for drug use

Catalog number **C-3465.0005**
Product number **4016433.0005**
Product **Z- Glu- OMe**
Molecular formula $C_{14}H_{17}NO_6$
Relative molecular mass 295.29

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/ml in methanol)
Identification (TLC)	complies with authentic material
Melting point	69 °C
Specific optical rotation	$[\alpha]_D^{24} = -26.0^\circ$ (1 % MeOH)
Purity (TLC)	> 99%
TLC conditions	chloroform/methanol/toluene/H ₂ O 8/8/8/1 chloroform/ethylacetate/acetic acid 50/50/2 chloroform/methanol/acetic acid 90/8/2 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine-tolidine
Assay (elemental analysis)	99.4% (Nth 4.74 %, Nfd 4.71 %)

Latest update: May 21, 2015

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