

Analytical Data Sheet

Lot number

1029036

not for drug use

Catalog Number	C-3465.0001
Product number	4016433.0001
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: February 05, 2010	

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