

Analytical Data Sheet

Lot number

1029674

not for drug use

Catalog Number	E-2780.0100
Product number	4014122.0100
Product	H- Glu(OEt) - OH
Molecular formula	$C_7H_{13}NO_4$
Relative molecular mass	175.19

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/ml in EtOH 50 %)
Identification (TLC)	Complies with authentic material
Melting point	183 °C
Specific optical rotation	$[\alpha]_D^{24} = + 22.9^\circ$ (1 % in AcOH)
Purity (TLC)	> 99%
TLC conditions	Chloroform/methanol/acetic acid 32% 5/3/1 n-Butanol/acetic acid/H ₂ O 4/2/2 Ethylacetate/pyridine/acetic acid/H ₂ O 60/60/12/36 Plate: silicagel 60 F ₂₅₄ Detected by: UV, ninhydrin, chlorine-tolidine
Assay (elemental analysis)	100.4% (Cth 47.99 %, Cfd 48.18 %)
Latest update: March 11, 2010	

Analytical Data Sheet
Lot number **1029674**