

Analytical Data Sheet

Lot number **1070795**
not for drug use

Catalog number **E-2780.0025**
Product number **4014122.0025**
Product **H- Glu(OEt) - OH**
Molecular formula **C₇H₁₃NO₄**
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 16, 2017

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