

Analytical Data Sheet

Lot number **1000016266**
not for drug use

Catalog number **C-3930.0005**
Product number **4026686.0005**
Product **Z- D- 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 (elemental analysis)	<table><thead><tr><th>Theory</th><th>Found</th></tr></thead><tbody><tr><td>C = 56.9 %</td><td>C = 56.8 %</td></tr><tr><td>H = 5.8 %</td><td>H = 5.7 %</td></tr><tr><td>N = 4.7 %</td><td>N = 4.7 %</td></tr></tbody></table>	Theory	Found	C = 56.9 %	C = 56.8 %	H = 5.8 %	H = 5.7 %	N = 4.7 %	N = 4.7 %
Theory	Found								
C = 56.9 %	C = 56.8 %								
H = 5.8 %	H = 5.7 %								
N = 4.7 %	N = 4.7 %								
Identification (TLC)	complies with authentic material								
Melting point	69 °C								
Specific optical rotation	$[\alpha]_D^{24} = +25.7^\circ$ (1 % in methanol)								
Purity (TLC)	> 99%								
TLC conditions	chloroform/methanol/acetic acid 90/8/2 chloroform/ethylacetate/acetic acid 50/50/2 chloroform/methanol/benzene/H ₂ O 8/8/8/1 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine-tolidine								

Latest update: May 16, 2019

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