

Analytical Data Sheet

Lot number **1053353**
not for drug use

Catalog number **E-1885.0001**
Product number **4004027.0001**
Product **H- Glu(OtBu) - OMe · HCl**
Molecular formula **C₁₀H₁₉NO₄ · HCl**
Relative molecular mass **253.73**

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 = 47.34 %</td><td>C = 47.43 %</td></tr><tr><td>H = 7.95 %</td><td>H = 8.02 %</td></tr><tr><td>N = 5.52 %</td><td>N = 5.50 %</td></tr></tbody></table>	Theory	Found	C = 47.34 %	C = 47.43 %	H = 7.95 %	H = 8.02 %	N = 5.52 %	N = 5.50 %
Theory	Found								
C = 47.34 %	C = 47.43 %								
H = 7.95 %	H = 8.02 %								
N = 5.52 %	N = 5.50 %								
Identification (TLC)	complies with authentic material								
Melting point	128 °C								
Specific optical rotation	$[\alpha]_D^{24} = +26.8^\circ$ (1 % in methanol)								
Purity (TLC)	> 99%								
TLC conditions	ethylacetate/pyridine/acetic acid/H ₂ O 60/20/6/11 chloroform/methanol/acetic acid 77.5/15/7.5 chloroform/methanol/acetic acid/H ₂ O 85/13/0.5/1.5 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine-tolidine								
Chloride content (titration)	14.2% (AgNO ₃)								