

Analytical Data Sheet

Lot number **1065400**
not for drug use

Catalog number **C-1595.0005**
Product number **4000475.0005**
Product **Z- Glu(OtBu) - OH**
Molecular formula $C_{17}H_{23}NO_6$
Relative molecular mass 337.37

| Tests | Results |
|-------------------------------------|--|
| Appearance | white powder |
| Appearance of solution | clear, colorless solution (50 mg/mL in methanol) |
| Identification (elemental analysis) | Theory Found C = 60.5% C = 60.7% H = 6.9% H = 6.8% N = 4.2% N = 4.1% |
| Identification (TLC) | complies with authentic material |
| Melting point | 83 °C |
| Specific optical rotation | $[\alpha]_D^{24} = -14.2^\circ$ (1 % in methanol) |
| Purity (TLC) | > 98.5% |
| TLC conditions | chloroform/methanol/toluene/H ₂ O 8/8/8/1 toluene/dioxane/acetic acid 95/25/4 chloroform/methanol/acetic acid 90/8/2 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, TMB |
| Enantiomer content (GC) | 0.1% D-Enantiomer |

Latest update: April 18, 2016

Analytical Data Sheet
Lot number **1065400**