

Analytical Data Sheet

Lot number **1056061**
not for drug use

Catalog number **B-3275.0001**
Product number **4028500.0001**
Product **Fmoc- cyclohexyl- D- Gly- OH**
Molecular formula $C_{23}H_{25}NO_4$
Relative molecular mass 379.46

Tests	Results								
Appearance	white clumpy powder								
Appearance of solution	clear, colorless solution (50 mg/ml in dioxane)								
Identification (elemental analysis)	<table><thead><tr><th>Theory</th><th>Found</th></tr></thead><tbody><tr><td>C = 72.80 %</td><td>C = 72.78 %</td></tr><tr><td>H = 6.64 %</td><td>H = 6.66 %</td></tr><tr><td>N = 3.69 %</td><td>N = 3.66 %</td></tr></tbody></table>	Theory	Found	C = 72.80 %	C = 72.78 %	H = 6.64 %	H = 6.66 %	N = 3.69 %	N = 3.66 %
Theory	Found								
C = 72.80 %	C = 72.78 %								
H = 6.64 %	H = 6.66 %								
N = 3.69 %	N = 3.66 %								
Identification (TLC)	conforms with authentic material								
Melting point	184° C								
Purity (HPLC)	99.97% (TFA, 260nm)								
Purity (TLC)	> 99%								
TLC conditions	chloroform/methanol/benzene/H ₂ O 8/8/8/1 chloroform/ethylacetate/acetic acid 50/50/2 benzene/dioxane/acetic acid 95/25/4 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine-tolidine								