

Analytical Data Sheet

Lot number **1066839**
not for drug use

Catalog number **A-4540.0001**
Product number **4029196.0001**
Product **Boc- Glu- phenyl ester**
Molecular formula $C_{16}H_{21}NO_6$
Relative molecular mass 332.35

Tests	Results								
Appearance	white powder								
Appearance of solution	clear, colorless solution (50 mg/mL in EtOAc)								
Identification (elemental analysis)	<table><thead><tr><th>Theory</th><th>Found</th></tr></thead><tbody><tr><td>C = 59.43 %</td><td>C = 59.67 %</td></tr><tr><td>H = 6.55 %</td><td>H = 6.47 %</td></tr><tr><td>N = 4.33 %</td><td>N = 4.32 %</td></tr></tbody></table>	Theory	Found	C = 59.43 %	C = 59.67 %	H = 6.55 %	H = 6.47 %	N = 4.33 %	N = 4.32 %
Theory	Found								
C = 59.43 %	C = 59.67 %								
H = 6.55 %	H = 6.47 %								
N = 4.33 %	N = 4.32 %								
Identification (TLC)	complies with authentic material								
Melting point	105 °C								
Purity (TLC)	> 99%								
TLC conditions	toluene/dioxane/acetic acid 95/25/4 chloroform/methanol/acetic acid 90/8/2 chloroform/ethylacetate/acetic acid 50/50/2 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, TMB								

Latest update: July 15, 2016

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