

Analytical Data Sheet

Lot number

1018102

not for drug use

Catalog Number	A-4540.0005
Product number	4029196.0005
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 border="0"> <tr> <td>Theory</td> <td>Found</td> </tr> <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> </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: October 24, 2008	Analytical Data Sheet Lot number 1018102								