

Analytical Data Sheet

Lot number

1043919

not for drug use

Catalog Number	A-2050.0001
Product number	4002646.0001
Product	Boc- N- Me- Glu(OBzl) - OH
Molecular formula	$C_{18}H_{25}NO_6$
Relative molecular mass	351.40

Tests	Results								
Appearance	white powder								
Appearance of solution	clear, colorless solution (50 mg/ml in MeOH)								
Identification (elemental analysis)	<table border="0"> <tr> <td>Theory</td> <td>Found</td> </tr> <tr> <td>C = 61.52 %</td> <td>C = 61.61 %</td> </tr> <tr> <td>H = 7.17 %</td> <td>H = 7.18 %</td> </tr> <tr> <td>N = 3.99 %</td> <td>N = 3.94 %</td> </tr> </table>	Theory	Found	C = 61.52 %	C = 61.61 %	H = 7.17 %	H = 7.18 %	N = 3.99 %	N = 3.94 %
Theory	Found								
C = 61.52 %	C = 61.61 %								
H = 7.17 %	H = 7.18 %								
N = 3.99 %	N = 3.94 %								
Identification (TLC)	conforms with authentic material								
Melting point	78 °C								
Specific optical rotation	$[\alpha]_D^{24} = -31.3^\circ$ (1 % in AcOH)								
Purity (TLC)	> 99%								
TLC conditions	toluene/dioxane/acetic acid 95/25/4 chloroform/methanol/toluene/H ₂ O 8/8/8/1 chloroform/methanol/acetic acid 90/8/2 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine-tolidine								
Assay (elemental analysis)	100.2% (Cth 61.52 %, Cfd 61.61 %)								
Latest update: July 31, 2012									