

Analytical Data Sheet

Lot number

1043983

not for drug use

Catalog Number	A-3270.0005
Product number	4015646.0005
Product	Boc- D- Glu(OFm) - OH
Molecular formula	$C_{24}H_{27}NO_6$
Relative molecular mass	425.48

Tests	Results								
Appearance	white powder								
Appearance of solution	clear, colorless solution (50 mg/ml ethylacetate)								
Identification (elemental analysis)	<table border="0"> <tr> <td>Theory</td> <td>Found</td> </tr> <tr> <td>C = 67.75 %</td> <td>C = 67.45 %</td> </tr> <tr> <td>H = 6.40 %</td> <td>H = 6.72 %</td> </tr> <tr> <td>N = 3.29 %</td> <td>N = 3.23 %</td> </tr> </table>	Theory	Found	C = 67.75 %	C = 67.45 %	H = 6.40 %	H = 6.72 %	N = 3.29 %	N = 3.23 %
Theory	Found								
C = 67.75 %	C = 67.45 %								
H = 6.40 %	H = 6.72 %								
N = 3.29 %	N = 3.23 %								
Identification (TLC)	complies with authentic material								
Melting point	132 °C								
Specific optical rotation	$[\alpha]_D^{24} = -7.5^\circ$ (1% in ethylacetate) $[\alpha]_{365}^{24} = -32.4^\circ$ (1 % in ethylacetate)								
Purity (TLC)	> 99%								
TLC conditions	chloroform/methanol/acetic acid 90/8/2 chloroform/methanol/benzene/H ₂ O 8/8/8/1 benzene/dioxane/acetic acid 95/25/4 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine-tolidine								
Latest update: August 07, 2012									