

Analytical Data Sheet

Lot number

1043515

not for drug use

Catalog Number	A-1195.0001
Product number	4007731.0001
Product	Boc- D- Homophe- OH
Molecular formula	C ₁₅ H ₂₁ NO ₄
Relative molecular mass	279.34

Tests	Results								
Appearance	white powder								
Appearance of solution	clear, colorless solution (50 mg/ml in methanol)								
Identification (elemental analysis)	<table border="0"> <tr> <td>Theory</td> <td>Found</td> </tr> <tr> <td>C = 64.5 %</td> <td>C = 64.1 %</td> </tr> <tr> <td>H = 7.6 %</td> <td>H = 7.9 %</td> </tr> <tr> <td>N = 5.0 %</td> <td>N = 5.0 %</td> </tr> </table>	Theory	Found	C = 64.5 %	C = 64.1 %	H = 7.6 %	H = 7.9 %	N = 5.0 %	N = 5.0 %
Theory	Found								
C = 64.5 %	C = 64.1 %								
H = 7.6 %	H = 7.9 %								
N = 5.0 %	N = 5.0 %								
Identification (TLC)	complies with authentic material								
Melting point	78 °C								
Specific optical rotation	$[\alpha]_D^{24} = -7.1^\circ$ (2 % in ethanol)								
Purity (TLC)	> 99%								
TLC conditions	chloroform/methanol/acetic acid 90/8/2 chloroform/methanol/acetic acid/H ₂ O 85/13/0.5/1.5 benzene/dioxane/acetic acid 95/25/4 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine-tolidine								
Latest update: July 05, 2012									