

Analytical Data Sheet

Lot number

1022766

not for drug use

Catalog Number	C-1260.0001
Product number	4006793.0001
Product	Z- Abu- OH
Molecular formula	C ₁₂ H ₁₅ NO ₄
Relative molecular mass	237.26

Tests	Results								
Appearance	white crystals								
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 = 60.8 %</td> <td>C = 60.9 %</td> </tr> <tr> <td>H = 6.4 %</td> <td>H = 6.1 %</td> </tr> <tr> <td>N = 5.9 %</td> <td>N = 5.9 %</td> </tr> </table>	Theory	Found	C = 60.8 %	C = 60.9 %	H = 6.4 %	H = 6.1 %	N = 5.9 %	N = 5.9 %
Theory	Found								
C = 60.8 %	C = 60.9 %								
H = 6.4 %	H = 6.1 %								
N = 5.9 %	N = 5.9 %								
Identification (TLC)	complies with authentic material								
Melting point	81 °C								
Specific optical rotation	$[\alpha]_D^{24} = -15.3^\circ$ (1 % in methanol)								
Purity (TLC)	> 99%								
TLC conditions	chloroform/methanol/acetic acid 90/8/2 benzene/dioxane/acetic acid 95/25/4 ethylacetate/pyridine/acetic acid/H ₂ O 60/10/3/4 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine-tolidine								
Latest update: March 10, 2009									

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