

Analytical Data Sheet

Lot number

1020593

not for drug use

Catalog Number	A-4685.0250
Product number	4047463.0250
Product	Boc- D- Hyp- OtBu
Molecular formula	C ₁₄ H ₂₅ NO ₅
Relative molecular mass	287.36

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 = 58.52 %</td> <td>C = 58.22 %</td> </tr> <tr> <td>H = 8.77 %</td> <td>H = 8.72 %</td> </tr> <tr> <td>N = 4.87 %</td> <td>N = 4.81 %</td> </tr> </table>	Theory	Found	C = 58.52 %	C = 58.22 %	H = 8.77 %	H = 8.72 %	N = 4.87 %	N = 4.81 %
Theory	Found								
C = 58.52 %	C = 58.22 %								
H = 8.77 %	H = 8.72 %								
N = 4.87 %	N = 4.81 %								
Identification (TLC)	conforms with authentic material								
Melting point	71 °C								
Purity (TLC)	> 99%								
TLC conditions	toluene/dioxane/acetic acid 95/25/4 chloroform/methanol/acetic acid 90/8/2 chloroform/methanol/acetic acid/H ₂ O 85/13/0.5/1.5 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine-tolidine								
Assay (elemental analysis)	99.5% (Cth 58.52 %, Cfd 58.22 %)								
Latest update: November 20, 2008									