

Analytical Data Sheet

Lot number

1035538

not for drug use

Catalog Number	A-2480.0005
Product number	4000681.0005
Product	Boc- Val- Pro- OH
Molecular formula	$C_{15}H_{26}N_2O_5$
Relative molecular mass	314.38

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 = 57.3%</td> <td>C = 57.1%</td> </tr> <tr> <td>H = 8.3%</td> <td>H = 8.6%</td> </tr> <tr> <td>N = 8.9%</td> <td>N = 8.9%</td> </tr> </table>	Theory	Found	C = 57.3%	C = 57.1%	H = 8.3%	H = 8.6%	N = 8.9%	N = 8.9%	
Theory	Found									
C = 57.3%	C = 57.1%									
H = 8.3%	H = 8.6%									
N = 8.9%	N = 8.9%									
Identification (TLC)	complies with authentic material									
Melting point	151 °C									
Purity (TLC)	> 99%									
TLC conditions	ethylacetate/pyridine/acetic acid/H ₂ O 60/10/3/4 chloroform/methanol/acetic acid 85/10/5 benzene/dioxane/acetic acid 95/25/4 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine-tolidine									
Latest update: March 04, 2011		Analytical Data Sheet Lot number 1035538								