

Analytical Data Sheet

Lot number

1020973

not for drug use

Catalog Number	A-4200.0001
Product number	4028537.0001
Product	Boc- p- azido- D- Phe- OH
Molecular formula	C ₁₄ H ₁₈ N ₄ O ₄
Relative molecular mass	306.32

Tests	Results								
Appearance	slightly yellowish powder								
Appearance of solution	clear, yellowish solution (50 mg/ml in ethylacetate)								
Identification (elemental analysis)	<table border="0"> <tr> <td>Theory</td> <td>Found</td> </tr> <tr> <td>C = 54.89 %</td> <td>C = 54.88 %</td> </tr> <tr> <td>H = 5.92 %</td> <td>H = 5.77 %</td> </tr> <tr> <td>N = 18.29 %</td> <td>N = 18.33 %</td> </tr> </table>	Theory	Found	C = 54.89 %	C = 54.88 %	H = 5.92 %	H = 5.77 %	N = 18.29 %	N = 18.33 %
Theory	Found								
C = 54.89 %	C = 54.88 %								
H = 5.92 %	H = 5.77 %								
N = 18.29 %	N = 18.33 %								
Melting point	87 °C								
Purity (TLC)	> 99%								
TLC conditions	chloroform/methanol/acetic acid 77.5/15/7.5 toluene/dioxane/acetic acid 95/25/4 chloroform/ethylacetate/acetic acid 50/50/2 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, TMB								
Latest update: December 08, 2008	Analytical Data Sheet Lot number 1020973								