

Analytical Data Sheet

Lot number

1056531

not for drug use

Catalog number A-4390.0001
Product number 4027842.0001
Product Boc- 4- phenyl- D- Phe- OH
Molecular formula C₂₀H₂₃NO₄
Relative molecular mass 341.41

Tests	Results								
Appearance	white powder								
Appearance of solution	clear, colorless solution (50 mg/ml in methanol)								
Identification (elemental analysis)	<table><thead><tr><th>Theory</th><th>Found</th></tr></thead><tbody><tr><td>C = 70.36 %</td><td>C = 70.05 %</td></tr><tr><td>H = 6.79 %</td><td>H = 6.95 %</td></tr><tr><td>N = 4.10 %</td><td>N = 4.08 %</td></tr></tbody></table>	Theory	Found	C = 70.36 %	C = 70.05 %	H = 6.79 %	H = 6.95 %	N = 4.10 %	N = 4.08 %
Theory	Found								
C = 70.36 %	C = 70.05 %								
H = 6.79 %	H = 6.95 %								
N = 4.10 %	N = 4.08 %								
Identification (TLC)	conforms with authentic material								
Melting point	129 °C								
Purity (TLC)	> 99%								
TLC conditions	chloroform/ethylacetate/acetic acid 50/50/2 ethylacetate/pyridine/acetic acid/H ₂ O 60/10/3/4 benzene/dioxane/acetic acid 95/25/4 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine-tolidine								