

Analytical Data Sheet

Lot number

1040401

not for drug use

Catalog Number	A-1135.0005
Product number	4002314.0005
Product	Boc- Abu- OH
Molecular formula	C ₉ H ₁₇ NO ₄
Relative molecular mass	203.24

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/mL in methanol)
Identification (TLC)	complies with authentic material
Melting point	74 °C
Purity (TLC)	> 99%
Related impurities (TLC)	< 0.2% H-Abu-OH
TLC conditions	toluene/dioxane/acetic acid 95/25/4 chloroform/methanol/toluene/H ₂ O 8/8/8/1 chloroform/methanol/acetic acid 90/8/2 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine-tolidine
Assay (titration)	98.9% (TBAH)
Water content (KF volumetric)	0.1%
Latest update: January 05, 2012	

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