

Analytical Data Sheet

Lot number **1069510**
not for drug use

Catalog number **A-1080.0005**
Product number **4001915.0005**
Product **Boc- Ala- OSu**
Molecular formula $C_{12}H_{18}N_2O_6$
Relative molecular mass 286.29

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/ml in dioxane)
Identification (elemental analysis)	Theory Found C = 50.4 % C = 50.4 % H = 6.3 % H = 6.2 % N = 9.8 % N = 9.7 %
Identification (TLC)	conforms with authentic material
Melting point	165 °C
Specific optical rotation	$[\alpha]_D^{24} = -53.5^\circ$ (2 % in dioxane)
Purity (TLC)	> 95%
TLC conditions	chloroform/ethylacetate/acetic acid 50/50/2 plate: silicagel 60 F ₂₅₄ MeOH 60 % plate: RP-8 detected by: UV, ninhydrin, chlorine-tolidine
Assay (elemental analysis)	100.2% (Cth 50.35 %, Cfd 50.45 %)

Latest update: January 16, 2017

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