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Certificate of Analysis

Catalog Number	03822
Product Name	Boc-N-Me-D-Val-OH Boc-N-methyl-D-valine
Lot Number	03822-052306-1
CAS Registry Number	89536-85-6
Molecular Formula	C ₁₁ H ₂₁ NO ₄
Molecular Weight	231.3
Appearance	Amber liquid
Optical Rotation	$\alpha_D^{20} = +95.15^\circ$ (c=1.0 % in MeOH)
Purity (HPLC)	99%
Storage	Store at 0-5°C.
Remarks	See Material Safety Data Sheets for additional information. For Laboratory use only

Quality Control Manager

HPLC Conditions

Column	Beckman Ultrasphere 5 μm , 250x4.6 mm, 150 \AA
Guard Column	Supel Guard LC-18-DB, 2 cm
Retention Time, min	8.23
Sample preparation	2 mg/1 mL 100% Acetonitrile/Water
Injection volume, μl	5
Method /Detection at, nm	Gradient
	30-80% B
	A = 99.9% Water, 0.1% TFA
	B = 95% Acetonitrile, 4.9% Water, 0.1% TFA
	30 min, flow rate = 1.0 mL / min

Boc / 210