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Certificate of Analysis

Catalog Number	07401
Product Name	Boc-D-Phe(2-Br)-OH Boc-2-bromo-D-phenylalanine Boc-o-bromo-D-Phe-OH
Lot Number	07401-112706-1
Molecular Formula	C ₁₄ H ₁₈ BrNO ₄
Molecular Weight	344.20
Appearance	White powder
Melting Point	104-107 °C
Specific Optical Rotation	$\alpha_D^{26} = 34.25^\circ$ (c=1, EtOH)
Purity (HPLC)	99%
Storage	Store at -0°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 Å
Guard Column	Supel Guard LC-18-DB, 2 cm
Retention Time, min	10.90
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
Boc / 210	B = 95% Acetonitrile, 4.9% Water, 0.1% TFA
	30 min, flow rate = 1.0 ml / min