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Certificate of Analysis

Catalog Number	04082
Product Name	Boc-Bip(4,4')-OH Boc-L-Ala(4,4'-biphenyl)-OH Boc-p-phenyl-L-Phe-OH
Lot Number	04082-032007-1
CAS Registry Number	147923-08-8
Molecular Formula	C ₂₀ H ₂₃ NO ₄
Molecular Weight	341.40
Appearance	White powder
Melting Point	119 – 121 °C
Specific Optical Rotation	$\alpha_D^{20} = 23.58^\circ$ (c=1.0, MeOH)
Purity (HPLC)	99%
Storage	Store at RT.
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	12.78
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

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