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Certificate of Analysis

Catalog Number	04083
Product Name	Boc-D-Bip-OH Boc-D-Ala(4,4'-biphenyl)-OH Boc-4,4'-biphenyl-D-alanine
Lot Number	04083-051806-1
CAS Registry Number	128779-47-5
Molecular Formula	C ₂₀ H ₂₃ NO ₄
Molecular Weight	341.41
Appearance	White crystalline powder
Melting Point	123-125 °C
Optical Rotation	-38.77 ° (c=1.0, Ethanol)
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	14.95
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