



INDOFINE Chemical Company, Inc.

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Certificate of Analysis

Catalog Number	04-1373
Product Name	Fmoc-D-Ala(3'-pyridyl)-OH
Lot Number	2687-0427-04-1
CAS Registry Number	142994-45-4
Molecular Formula	C ₂₃ H ₂₀ N ₂ O ₄
Molecular Weight	388.4
Appearance	White crystalline powder
Melting Point	165 – 168 °C
Specific Rotation [α] _D ²⁰	+ 11.1 ° (c = 1.034 % in MeOH)
Purity (HPLC)	99+ %
Storage	Store at RT

HPLC Conditions

Column	Beckman Ultrasphere 5 μ m, 250x4.6 mm, 150 Å
Guard Column	Supel Guard LC-18-DB, 2 cm
Retention Time, min	22.483
Sample preparation	2 mg/1 mL 100% Methanol/Water
Injection volume, μ l	5

Method /Detection at, nm	Gradient
	20-70% B
	A = 99.9% Water, 0.1% TFA
Fmoc20 / 254	B = 95% Acetonitrile, 4.9% Water, 0.1% TFA
	30 min, flow rate = 1.0 ml / min