



INDOFINE Chemical Company, Inc.

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Certificate of Analysis

Catalog Number	04-1334
Product Name	Fmoc-D-Ala(2-naphthyl)-OH
Lot Number	041007-1
CAS Registry Number	138774-94-4
Molecular Formula	C ₂₈ H ₂₃ NO ₄
Molecular Weight	437.5
Appearance	Off-white powder
Melting Point	140 – 142 °C
Specific Rotation [α] _D ²⁰	+ 17.83 ° (c=1.03% in DMF)
Purity (HPLC)	99 %
Storage	Store at 0-5°C

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	11.25
Sample preparation	2 mg/1 mL 100% Acetonitrile/Water
Injection volume, μ l	5
Method /Detection at, nm	Gradient
	40-90% 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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