



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-285748A
Lot Number: SAMPLE
Product Name: (S)-Fmoc-L-4-carbamoylphenylalanine
CAS Number: 204716-17-6
Molecular Formula: $C_{25}H_{22}N_2O_5$
Molecular Weight: 430.45

Test	Result
Appearance	White solid
Identification (1H-NMR)	Consistent with structure
Identification (Mass Spectrometry)	Consistent with standard
Purity	Chiral Purity: > 99%
Purity (HPLC)	98.8%
TLC	Chloroform/ Methanol/ Acetic acid (90: 8: 2) Single Spot Chloroform/ Methanol/ Benzene/ H ₂ O (8: 8: 8: 1) Single Spot Detected by: Ninhydrin spray
Melting Point	245 - 247 °C
Optical Rotation ($\alpha_{25/D}$)	-22.6° (c = 1 in DMF)

Satisfaction Guarantee: We appreciate your business and are committed to providing the highest level of quality and service. Any product that does not meet the performance standards indicated in our product literature will be replaced at no charge. Our policy is valid for one year from the date of your purchase.

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