



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-479032
Lot Number: SAMPLE
Product Name: N α -Fmoc-N- δ -methyltrityl-L-Ornithine
CAS Number: 343770-23-0
Molecular Formula: C₄₀H₃₈N₂O₄
Molecular Weight: 610.8

Test	Specification	Result
Appearance		Off-white powder
Identification (Infrared Spectrum)		Consistent with structure
Purity		99%
Purity (HPLC)	98.85% (220 nm) 99.04% (265 nm)	Complies
Purity (TLC)	> 99%	Complies
Solubility		Clearly soluble (0.5 mml in 1 mL DMF)
Optical Rotation (α 20/D)		+10.5° (C=1 in THF)
Impurity	Free Amino Acids: < 0.1% D-Enantiomer: < 0.1%	Complies
Kaiser Test		Positive
Water Content (KF)		0.11%

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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