



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-285834A
Lot Number: SAMPLE
Product Name: Fmoc-S-Boc-3-aminopropyl-L-cysteine
CAS Number: 173963-91-2
Molecular Formula: $C_{26}H_{32}N_2O_6S$
Molecular Weight: 500.61

Test	Specification	Result
Appearance		White powder
Identification (TLC)		Complies
Purity (HPLC)		98.3%
Purity (TLC)		> 98%
Melting Point		117 °C
Solubility		Clear colorless solution (50 mg/mL in Dioxane)
Optical Rotation ($\alpha_{24/D}$)		-29.2° (c = 1 in Dimethylformamide)
Related Substances		< 0.3% Fmoc-Cys(Aminopropyl)-OH
Carbon Content	61.93%	61.82%
Hydrogen Content	6.48%	6.21%
Nitrogen Content	5.56%	5.85%
Water Content (KF)		0.5%

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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