



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-285830
Lot Number: SAMPLE
Product Name: Fmoc-S-4-methyltrityl-L-cysteine
CAS Number: 269067-38-1
Molecular Formula: $C_{38}H_{33}NO_4S$
Molecular Weight: 599.75

Test	Result
Appearance	White crystalline powder
Assay	90%
Purity (HPLC)	99.7% (265 nm) 99.7% (220 nm)
Purity (TLC)	> 99%
Melting Point	111 - 114 °C
Residual Solvents	Dioxane
Solubility	Clearly soluble (0.5 mmole in 1 ml DMF)
Optical Rotation ($\alpha_{20/D}$)	+16.2° (c = 1, in DMF)
Kaiser Test	Negative
Water Content (KF)	0.15%

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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