



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-250014
Lot Number: SAMPLE
Product Name: Fmoc-Phe-OPfp
CAS Number: 86060-92-6
Molecular Formula: $C_{30}H_{20}F_5NO_4$
Molecular Weight: 553.48

Test	Specification	Result
Appearance	White powder	Complies
Identification (NMR)	Consistent with structure	Complies
Identification (Mass Spectrometry)	Consistent with standard	Complies
Purity	$\geq 95\%$	$\geq 97\%$
Melting Point	149 - 151 °C	149.6 - 150.7 °C
Residue on Ignition	$\leq 0.3\%$	0.21%
Specific Rotation ($\alpha_{20/D}$)	$-20.8 \pm 2^\circ$ (c = 1.0, $CHCl_3$)	-19.127° (589 nm)
Water Content (KF)	$\leq 0.5\%$	0.43%

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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