



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-294816
Lot Number: SAMPLE
Product Name: Fmoc-D-Lys-OH Hydrochloride
CAS Number: 201002-47-3
Molecular Formula: $C_{21}H_{24}N_2O_4 \cdot HCl$
Molecular Weight: 404.89

Test	Result
Appearance	White powder
Chiral purity (HPLC)	99.94%(ee)
Identification (1H-NMR)	Consistent with structure
Identification (Infrared Spectrum)	Consistent with structure
Identification (Mass Spectrometry)	Consistent with standard
Isomer	L-Enantiomer: 0.0597%
Purity (HPLC)	98.47%
Melting Point	182.2 - 183.5 °C
Solubility	Clearly solution (0.3 g in 2 mL DMF)
Loss on Drying	1.60% (70 °C, 2 h)
Water Content (KF)	1.33%

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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