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Certificate of Analysis

Catalogue Number	05366
Lot Number	000424-150207-13452
Product	N^ε-Fmoc-L-lysine methyl ester hydrochloride L-Lys(Fmoc)-OMe•HCl
CAS Number	201009-98-5
Molecular Formula	C ₂₂ H ₂₆ N ₂ O ₄ •HCl
Molecular Weight	418.9

Appearance	White powder
Solubility	Clear solution (0.3 g in 2 mL DMF)
Melting Point	165.4-165.7 °C
Water Content (Karl Fisher)	0.32%
Optical Rotation	[α] _D ²⁰ = +10.8° (C=1 in DMF)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	0.45% (80 °C, 2h)
¹H NMR	Conforms to structure
Purity by HPLC	99.36%
Storage	Store at 0-8 °C
Remarks	See material safety data sheet for additional information For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Bala Kumar
Quality Control Manager