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Certificate of Analysis

Catalogue Number	14738
Lot Number	000424-170727-13048
Product	<i>N</i>^α-Ac-<i>N</i>^ε-2-Fmoc-L-lysine Ac-L-Lys(Fmoc)-OH
CAS Number	148101-51-3
Molecular Formula	C ₂₃ H ₂₆ N ₂ O ₅
Molecular Weight	410.47

Appearance	White powder
Solubility	Clear solution (0.3 g in 6 ml DMF)
Melting Point	160.7-167.7 °C
Optical Rotation	[α] _D ²⁰ = + 4.0 ° (C=1, in MeOH)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	0.12% (70°C, 2h)
¹H NMR	Conforms to structure
Purity by HPLC	98.81%
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