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Certificate of Analysis

Catalogue Number	05505
Lot Number	000424-200810-31108
Product	<i>N</i>^α-Boc-<i>N</i>^ε-Fmoc-D-lysine Boc-D-Lys(Fmoc)-OH
CAS Number	115186-31-7
Molecular Formula	C ₂₆ H ₃₂ N ₂ O ₆
Molecular Weight	468.6

Appearance	Off-white powder
Solubility	Clear solution (0.3 g in 2 mL DMF)
Melting Point	125.8 - 127.3 °C
Water Content (Karl Fisher)	0.43%
Optical Rotation	[α] _D ²⁰ = -4.6° (C=1 in EtOAc)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	0.24% (60 °C, 2h)
¹H NMR	Conforms to structure
Chiral HPLC	100% (ee)
L-Enantiomer	Not detected
Purity by HPLC	98.02%
Storage	Store at ≤ -4 °C

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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