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Certificate of Analysis

Catalogue Number	03716
Lot Number	000424-170510-36844
Product	<i>N</i>^α-Fmoc-<i>N</i>^ε-Boc-L-lysine <i>N</i>-hydroxysuccinimide ester Fmoc-L-Lys(Boc)-OSu
CAS Number	132307-50-7
Molecular Formula	C ₃₀ H ₃₅ N ₃ O ₈
Molecular Weight	565.6

Appearance	White powder
Solubility	Clear solution (0.3 gram in 2ml DMF)
Melting Point	157.2-158.0°C
Water Content (Karl Fisher)	0.30%
Optical Rotation	[α] _D ²⁰ = -22.3° (C=2 in DMF)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	0.10% (80°C, 2h)
¹H NMR	Conforms to structure
Purity by HPLC	98.01%
Storage	Store at 0-8°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