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Certificate of Analysis

Catalogue Number	03721
Lot Number	000424-140510-36806
Product	<i>N</i>^α-Fmoc-<i>N</i>^ε-trifluoroacetyl-L-lysine Fmoc-L-Lys(Tfa)-OH
CAS Number	76265-69-5
Molecular Formula	C ₂₃ H ₂₃ F ₅ N ₂ O ₅
Molecular Weight	464.4

Appearance	White powder
Solubility	Clear solution (0.3 g in 2 mL DMF)
Melting Point	170.9-173.0 °C
Water Content (Karl Fisher)	0.263%
Optical Rotation	[α] _D ²⁰ = -13.0° (C=1 in DMF)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	0.73% (80 °C, 2h)
¹H NMR	Conforms to structure
Purity by HPLC	98.54%
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