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Certificate of Analysis

Catalogue Number	03924
Lot Number	000424-130819-36818
Product	Fmoc-N^ε-methyltrityl-D-lysine Fmoc-D-Lys(Mtt)-OH
CAS Number	198544-94-4
Molecular Formula	C ₄₁ H ₄₀ N ₂ O ₄
Molecular Weight	624.79

Appearance	White powder
Solubility	Clear solution (0.3 g in 2 mL DMF)
Melting Point	97.1-106.3 °C
Water Content (Karl Fisher)	0.281%
Optical Rotation	[α] _D ²⁰ = +10.1° (C=1 in DMF)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	1.76% (60 °C, 2 hour)
¹H NMR	Conforms to structure
Purity by HPLC	99.37%
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