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Certificate of Analysis

Catalogue Number	02429
Lot Number	000424-140519-35508
Product	Fmoc-L-leucine N-hydroxysuccinimide ester

Fmoc-L-Leu-OSu

(S)-Fmoc-2-amino-4-methylpentanoic acid N-hydroxysuccinimide ester

CAS Number	76542-83-1
Molecular Formula	C ₂₅ H ₂₆ N ₂ O ₆

Appearance	White powder
Solubility	Clear solution (0.3 g in 2mL Ethylacetate)
Melting Point	122.3-123.7 °C
Water Content (Karl Fisher)	0.072%
Optical Rotation	[α] _D ²⁰ = -37.8° (C=1 in AcOH)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	0.36% (40 °C, 2h)
¹H NMR	Conforms to structure
Purity by HPLC	98.34%
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

A handwritten signature in black ink, appearing to read 'Bala Kumar', with a stylized flourish at the end.

Bala Kumar
Quality Control Manager