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Certificate of Analysis

Catalogue Number	02450
Lot Number	000424-140324-35805
Product	Fmoc-L-proline N-hydroxysuccinimide ester Fmoc-L-Pro-OSu
CAS Number	109074-94-4
Molecular Formula	C ₂₄ H ₂₂ N ₂ O ₆
Molecular Weight	434.45
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Appearance	White powder
Solubility	Clear solution (0.3 g in 2 mL DMF)
Melting Point	16.1-163.6 °C
Water Content (Karl Fisher)	0.045%
Optical Rotation	[α] _D ²⁰ = -59.4° (C=1 in DMF)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	0.34% (60 °C, 2h)
¹H NMR	Conforms to structure
Purity by HPLC	99.54%
Purity by TLC	> 99%
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