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Certificate of Analysis

Catalogue Number	35191
Lot Number	000424-180913-35010
Product	Fmoc-L-alanine methyl ester

Fmoc-L-Ala-OMe

CAS Number	146346-88-5
Molecular Formula	C ₁₉ H ₁₉ NO ₄

Molecular Weight	325.33
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Appearance	White powder
Solubility	Clear solution (0.3 g in 2 mL DMF)
Melting Point	114.1 - 114.5 °C
Water Content (Karl Fisher)	0.155%
Optical Rotation	[α] ²⁰ _D = -17.4 ° (C=1 in DMF)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	0.17% (60 °C, 2h)
¹H NMR	Conforms to structure
Purity by HPLC	99.71%
Storage	Store at RT

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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