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Certificate of Analysis

Catalogue Number	02370
Product	Fmoc-L-alanine pentafluorophenyl ester
Lot Number	000424-140519-35007 Fmoc-L-Ala-OPfp
CAS Number	86060-86-8
Molecular Formula	C ₂₄ H ₁₆ F ₅ NO ₄
Molecular Weight	477.4

Appearance	White powder
Solubility	Clear solution (0.3 g in 10 mL CHCl ₃)
Melting Point	172.1-173.0 °C
Optical Rotation	[α] _D ²⁰ = -20.0° (C=1 in CHCl ₃)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	0.76%
¹H NMR	Conforms to structure
Purity by HPLC	99.20%
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