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Certificate of Analysis

Catalogue Number	03615
Product	Fmoc-L-glutamic acid γ-allyl ester
Lot Number	000424-150116-36610 Fmoc-L-Glu(OAll)-OH Fmoc-L-glutamic acid 5-allyl ester
CAS Number	133464-46-7
Molecular Formula	C ₂₃ H ₂₃ NO ₆
Molecular Weight	409.42

Appearance	White powder
Solubility	Clear solution (0.3g in 2mL DMF)
Water Content (Karl Fisher)	0.448%
Optical Rotation	[α] _D ²⁰ = -18.7° (C=1 in DMF)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	0.20% (50°C, 2h)
¹H NMR	Conforms to structure
Purity by HPLC	98.73%
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