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Certificate of Analysis

Catalogue Number	35189
Lot Number	000424-210227-36611
Product	Fmoc-L-glutamic acid α-methyl ester Fmoc-L-Glu-OMe
CAS Number	145038-49-9
Molecular Formula	C ₂₁ H ₂₁ NO ₆
Molecular Weight	383.36

Appearance	White powder
Solubility	Clear solution (0.3 g in 2 mL DMF)
Melting Point	137.0 - 138.1°C
Water Content (Karl Fisher)	0.07%
Optical Rotation	[α] _D ²⁰ = -19.4 ° (C=1 in DMF)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	0.10% (60 °C, 2h)
¹H NMR	Conforms to structure
Purity by HPLC	99.67%
Storage	Store at RT
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