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Certificate of Analysis

Catalogue Number	03706
Lot Number	000424-200417-36621
Product	Fmoc-L-glutamic acid γ-4-[N-{1-(4.4- Fmoc-L-Glu(ODmab)-OH
CAS Number	268730-86-5
Molecular Formula	C ₄₀ H ₄₄ N ₂ O ₈
Molecular Weight	680.8

Appearance	Light yellow powder
Solubility	Clear solution (0.1 g in 2 mL DMF)
Melting Point	167 - 169 °C
Water Content (Karl Fisher)	0.12%
Optical Rotation	[α] _D ²⁰ = -1.5 ° (C=4 in DMF)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	0.44% (80 °C, 2h)
¹H NMR	Conforms to structure
Purity by HPLC	98.89%
Storage	Store at ≤ -4 °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