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Certificate of Analysis

Catalogue Number	02414
Lot Number	000424-170425-36609
Product	Fmoc-L-glutamic acid γ-tert-butyl ester α-pentafluorophenyl ester Fmoc-L-Glu(OtBu)-OPfp
CAS Number	86061-04-3
Molecular Formula	C ₃₀ H ₂₆ F ₅ NO ₆
Molecular Weight	591.5

Appearance	White powder
Solubility	Clear solution (0.3 g in 2 mL DMF)
Melting Point	121.2-124.2 °C
Water Content (Karl Fisher)	0.09%
Optical Rotation	[α] _D ²⁰ = -31.4° (C=1 in DMF)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	0.04% (60 °C, 2h)
¹H NMR	Conforms to structure
Purity by HPLC	98.55%
Storage	Store at 0-8 °C CHINA

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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