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Certificate of Analysis

Catalogue Number	03186
Product	Fmoc-γ-tert-butyl ester-L-glutamol
Lot Number	000424-141020-37203 Fmoc-L-Glutamol(OtBu)
CAS Number	153815-59-9
Molecular Formula	C ₂₄ H ₂₉ NO ₅
Molecular Weight	411.5

Appearance	White powder
Solubility	Clear solution (0.3 g in 2 ml DMF)
Melting Point	82.6-84.0 °C
Water Content (Karl Fisher)	0.33%
Optical Rotation	[α] _D ²⁰ = -11.3° (C=1 in EtOAc)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	0.04%
¹H NMR	Conforms to structure
Purity by HPLC	98.16%
Storage	Store at 0-8 °C

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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