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Certificate of Analysis

Catalogue Number	05322
Lot Number	000424-200611-36956
Product	Fmoc-O-tert-butyl-L-tyrosine N- Fmoc-L-Tyr(tBu)-OSu
CAS Number	155892-27-6
Molecular Formula	C ₃₂ H ₃₂ N ₂ O ₇
Molecular Weight	556.6

Appearance	White powder
Solubility	Clear solution (0.3g in 2 mL DMF)
Melting Point	107.5 - 116.5 °C
Water Content (Karl Fisher)	0.34%
Optical Rotation	[α] _D ²⁰ = -50.4 ° (C=1 in DMF)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	0.46% (50 °C, 2h)
¹H NMR	Conforms to structure
Purity by HPLC	98.66%
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