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Certificate of Analysis

Catalogue Number	04992
Lot Number	000424-170609-22162
Product	Fmoc-3-nitro-L-tyrosine

Fmoc-*m*-nitro-L-Tyr-OH

CAS Number	136590-09-5
Molecular Formula	C ₂₄ H ₂₀ N ₂ O ₇
Molecular Weight	448.4

Appearance	Light yellow powder
Solubility	Clear solution (0.3 g in 2mL DMF)
Melting Point	166.3-173.2 °C
Water Content (Karl Fisher)	0.623%
Optical Rotation	[α] _D ²⁰ = + 13.9° (C=1 in MeOH)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	1.30% (70°C, 2h)
¹ H NMR	Conforms to structure
Purity by HPLC	98.11%
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