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Certificate of Analysis

Catalogue Number	03235
Lot Number	000424-180720-37130
Product	Fmoc-<i>O</i>-<i>tert</i>-butyl-L-tyrosinol Fmoc-L-Tyrosinol(tBu)
CAS Number	187526-99-4
Molecular Formula	C ₂₈ H ₃₁ NO ₄
Molecular Weight	445.5

Appearance	White powder
Solubility	Clear solution (0.3 g in 2 mL DMF)
Melting Point	110.8 - 116.2 °C
Water Content (Karl Fisher)	0.633%
Optical Rotation	[α] _D ²⁰ = - 40.8° (C=1 in DMF)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	0.24% (50°C, 2h)
¹H NMR	Conforms to structure
Purity by HPLC	98.98%
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