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Certificate of Analysis

Catalogue Number	05137
Lot Number	000424-160613-22360
Product	Fmoc-D-homoproline Fmoc-D-HomoPro-OH Fmoc-D-pipecolic acid
CAS Number	101555-63-9
Molecular Formula	C ₂₁ H ₂₁ NO ₄
Molecular Weight	351.4

Appearance	White powder
Solubility	Clear solution (0.3 g in 2 mL DMF)
Melting Point	154.2-155.4 °C
Water Content (Karl Fisher)	0.61%
Optical Rotation	[α] _D ²⁰ = +23° (C=1 in DMF)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	0.02% (90 °C, 2h)
¹H NMR	Conforms to structure
Purity by HPLC	98.34%
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