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Certificate of Analysis

Catalogue Number	04133
Lot Number	000424-170401-23068
Product	Fmoc-3,3-diphenyl-L-alanine Fmoc-L-Ala(3,3-diphenyl)-OH
CAS Number	201484-50-6
Molecular Formula	C ₃₀ H ₂₅ NO ₄
Molecular Weight	463.5

Appearance	White to off-white powder/soild
Solubility	Clear solution (0.5 mmol/ml in DMF)
Optical Rotation	[α] _D ²⁰ = -22.80° (C=1 in DMF)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Residual Solvents	Not identified
Related Substances	Not identified
¹H NMR	Conforms to structure
Chiral HPLC	100% (ee)
D-Enantiomer	Not detectable
Purity by HPLC	99.9% (210 nm) 99.9% (254 nm)
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