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Certificate of Analysis

Catalogue Number	02584
Lot Number	000424-191206-20211
Product	Fmoc-3-(1-naphthyl)-L-alanine Fmoc-L-Ala(1-naphthyl)-OH
CAS Number	96402-49-2
Molecular Formula	C ₂₈ H ₂₃ NO ₄
Molecular Weight	437.5

Appearance	White powder
Solubility	Clear solution (0.3 g in 2 mL DMF)
Melting Point	184.9 - 185.6 °C
Water Content (Karl Fisher)	0.11%
Optical Rotation	[α] _D ²⁰ = -21.6 ° (C=1 in Dioxane)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	0.65% (80 °C, 2h)
¹H NMR	Conforms to structure
Chiral HPLC	100% (ee)
D-Enantiomer	Not detectable
Purity by HPLC	99.19%
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