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Certificate of Analysis

Catalogue Number	02568
Lot Number	000424-131106-20503
Product	Fmoc-4-chloro-L-phenylalanine

Fmoc-L-Phe(4-Cl)-OH

Fmoc-*p*-chloro-L-Phe-OH

CAS Number	175453-08-4
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Molecular Formula	C ₂₄ H ₂₀ ClNO ₄
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Molecular Weight	421.9
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Appearance	White powder
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Solubility	Clear solution (0.3 g in 2 mL DMF)
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Melting Point	192.5-196.5 °C
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Optical Rotation	[α] _D ²⁰ = -28.4° (C=1 in DMF)
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Infrared Spectrum	Conforms to structure
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Analysis by Mass Spectra	Conforms to standard
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Loss on Drying	0.78% (70 °C, 2 hour)
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¹H NMR	Conforms to structure
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Purity by HPLC	98.41%
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Storage	Store at 0-8 °C
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Remarks	See material safety data sheet for additional information
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For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Bala Kumar
Quality Control Manager