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Certificate of Analysis

Catalogue Number	04127
Lot Number	000424-140115-23731
Product	Fmoc-3,5-difluoro-L-phenylalanine

Fmoc-L-Phe(3,5-DiF)-OH

Fmoc-3,5-difluoro-L-Phe-OH

CAS Number	205526-24-5
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Molecular Formula	C ₂₄ H ₁₉ F ₂ NO ₄
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Molecular Weight	423.4
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Appearance	White powder
Solubility	Clear solution (0.3 g in 2 mL Methanol)
Melting Point	146.3-157.5 °C
Water Content (Karl Fisher)	0.774%
Optical Rotation	[α] _D ²⁰ = -10.4° (C=1 in Methanol)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
¹H NMR	Conforms to structure
Purity by HPLC	97.44%
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

A handwritten signature in black ink, appearing to read 'Bala Kumar', with a stylized flourish at the end.

Bala Kumar
Quality Control Manager