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Certificate of Analysis

Catalogue Number	03923
Product	Fmoc-4-iodo-L-phenylalanine
Lot Number	000424-140326-20603 Fmoc-L-Phe(4-I)-OH Fmoc- <i>p</i> -iodo-L-Phe-OH
CAS Number	82565-68-2
Molecular Formula	C ₂₄ H ₂₀ INO ₄
Molecular Weight	513.4

Appearance	White powder
Solubility	Clear solution (0.3 g in 2 mL DMF)
Melting Point	162.7-188.9 °C
Water Content (Karl Fisher)	1.62%
Optical Rotation	[α] _D ²⁰ = -19.6° (C=1 in DMF)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	0.75%
¹H NMR	Conforms to structure
Purity by HPLC	98.22%
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