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Certificate of Analysis

Catalogue Number	02446
Lot Number	000424-131221-35707
Product	Fmoc-L-phenylalanine N-hydroxysuccinimide ester Fmoc-L-Phe-OSu
CAS Number	101214-43-1
Molecular Formula	C ₂₈ H ₂₄ N ₂ O ₆
Molecular Weight	484.5

Appearance	White to off-white powder
Solubility	Clear solution (0.1 gram in 4 mL DMF)
Melting Point	159.6-163.9 °C
Optical Rotation	[α] _D ²⁰ = -64.6° (C=1 in DMF)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to structure
Loss on Drying	0.32% (70 °C, 2-hour)
¹H NMR	Conforms to structure
Purity by HPLC	99.65%
Storage	Store at ≤ -15C
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