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Certificate of Analysis

Catalogue Number	02442
Product	<i>N</i>^α-Fmoc-<i>N</i>^δ-Boc-L-ornithine
Lot Number	000424-140326-37001 Fmoc-L-Orn(Boc)-OH
CAS Number	109425-55-0
Molecular Formula	C ₂₅ H ₃₀ N ₂ O ₆
Molecular Weight	454.5

Appearance	White powder
Solubility	Clear solution (0.3 gram in 2 mL DMF)
Water Content (Karl Fisher)	0.174%
Optical Rotation	[α] _D ²⁰ = -7.6° (C=1 in DMF)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	0.90% (60 °C, 2 hour)
¹H NMR	Conforms to structure
Purity by HPLC	98.13%
Purity by TLC	> 98%
Storage	Store at 0-8 °C
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