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Certificate of Analysis

Catalogue Number	05749
Lot Number	000424-190401-37006
Product	<i>N</i>^α-Fmoc-<i>N</i>^δ-L-ornithine hydrochloride
	Fmoc-L-Orn-OH•HCl
CAS Number	201046-57-3
Molecular Formula	C ₂₀ H ₂₂ N ₂ O ₄ •HCl
Molecular Weight	390.91

Appearance	White powder
Solubility	Clear solution (0.3 gram in 2 mL DMF)
Melting Point	144.9 - 147.6 °C
Water Content (Karl Fisher)	0.79%
Optical Rotation	[α] ²⁰ _D = -13.4 ° (C=1 in DMF)
Infrared Spectrum	Conforms the structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	1.16% (80 °C, 2h)
¹H NMR	Conforms the structure
Purity by HPLC	99.43%
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