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Certificate of Analysis

Catalogue Number	02718
Product	Fmoc-L-octahydroindole-2-carboxylic acid
Lot Number	000424-240104-22801
	Fmoc-L-Oic-OH
	(2S,3aS,7aS)-1-Fmoc-octahydro-1H-indole-2-carboxylic acid
CAS Number	130309-37-4
Molecular Formula	C ₂₄ H ₂₅ NO ₄
Molecular Weight	391.5

Appearance	White powder
Solubility	Clear solution 0.3 g in 2 mL DMF
Melting Point	170.3 - 171.5 °C
Elemental Analysis (Found)	C, H and N : < 5%
Water Content (Karl Fisher)	0.11%
Optical Rotation	[α] _D ²⁰ = -38.9 ° (C=1 in EtOH)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	0.36%
¹H NMR	Conforms to structure
Chiral HPLC	99.99% (ee)
D-Enantiomer	0.01%
Purity by HPLC	99.91%
Purity by TLC	> 98%
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