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Certificate of Analysis

Catalogue Number	03710
Lot Number	000424-140214-36708
Product	<i>N</i>^α-Fmoc-<i>N</i>^{im}-Boc-L-histidine cyclohexylammonium salt Fmoc-L-His(Boc)-OH·CHA
CAS Number	81379-52-4
Molecular Formula	C ₂₆ H ₂₇ N ₃ O ₆ ·C ₆ H ₁₃ N
Molecular Weight	576.7

Appearance	White powder
Solubility	Clear solution (0.3 g in 2 ml DMF)
Melting Point	140.4-141.5 °C
Water Content (Karl Fisher)	0.267%
Optical Rotation	[α] _D ²⁰ = -7.7° (C=2 in AcOH)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	0.94% (60 °C, 2 hour)
¹H NMR	Conforms to structure
Purity by HPLC	99.12%
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