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Product Specifications

Catalogue Number	03710
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 to cream colored powder
Solubility	Clear solution (0.3 g in 2 ml DMF)
Melting Point	137-149 °C
Water Content (Karl Fisher)	≤ 1.0%
Optical Rotation	[α] _D ²⁰ = -7 ± 2° (C=2 in AcOH)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	≤ 1% (60 °C, 2 hour)
¹H NMR	Conforms to structure
Purity by HPLC	≥ 97%
Purity by TLC	≥ 98%
Storage	Store at 0-8 °C

For Laboratory Use Only