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Certificate of Analysis

Catalogue Number	01358
Lot Number	000424-220216-30808
Product	N^a-Boc-N^{im}-4-toluenesulfonyl-L-histidine Boc-L-His(Tos)-OH·DCHA
CAS Number	65057-34-3
Molecular Formula	C ₁₈ H ₂₃ N ₃ O ₆ S·C ₁₂ H ₂₃ N
Molecular Weight	590.8

Appearance	White powder
Solubility	Clear solution (0.1 g in 2 mL MeOH)
Melting Point	151.6 - 154.0 °C
Water Content (Karl Fisher)	0.05%
Optical Rotation	[α] _D ²⁰ = 26.7 ° (C=1 in MeOH)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	0.63% (70 °C, 2h)
¹H NMR	Conforms to structure
Purity by HPLC	99.33%
Storage	Store at ≤ -15 °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