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Certificate of Analysis

Catalogue Number	36885
Lot Number	000424-191018-31126
Product	<i>N</i>^{α,ε}-Bis-Boc-D-lysine <i>N</i>-hydroxysuccinimide Boc-D-Lys(Boc)-OSu
CAS Number	65581-52-4
Molecular Formula	C ₂₀ H ₃₃ N ₃ O ₈
Molecular Weight	443.5

Appearance	White powder
Solubility	Clear solution (0.3 g in 2 mL DMF)
Melting Point	88.0 - 88.4 °C
Water Content (Karl Fisher)	0.35%
Optical Rotation	[α] _D ²⁰ = 27.2 ° (C=2 in EtOH)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	0.5% (50 °C, 2h)
¹H NMR	Conforms to structure
Purity by HPLC	99.42%
Storage	Store at 2 - 8 °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