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Certificate of Analysis

Catalogue Number 03536
Lot Number 000424-140612-31111
Product ***N*^α-Boc-*N*^ε-Z-D-lysine**

Boc-D-Lys(Z)-OH

CAS Number 55878-47-2
Molecular Formula C₁₉H₂₈N₂O₆

Molecular Weight 380.45

Appearance White powder
Solubility Clear solution (0.3 g in 2 mL DMF)
Melting Point 73.4-74.8 °C
Water Content (Karl Fisher) 0.187%
Optical Rotation [α]_D²⁰ = +11.0° (C=1 in AcOH)
Infrared Spectrum Conforms to structure
Analysis by Mass Spectra Conforms to standard
¹H NMR Conforms to structure
Purity by HPLC 98.35%
Storage Store at 0-8 °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