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Certificate of Analysis

Catalogue Number	06676
Product	<i>N</i> ^α - <i>Z</i> - <i>N</i> ^ε -trifluoroacetyl-L-lysine
Lot Number	000424-140510-13604 Z-L-Lys(Tfa)-OH
CAS Number	14905-30-7
Molecular Formula	C ₁₆ H ₁₉ N ₂ O ₅ F ₃
Molecular Weight	376.31

Appearance	White powder
Solubility	Clear solution (0.3 g in 2mL DMF)
Melting Point	99.4-100.8 °C
Water Content (Karl Fisher)	0.146%
Optical Rotation	[α] _D ²⁰ = -6.6° (C=1 in DMF)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	0.27% (40 °C, 2h)
¹H NMR	Conforms to structure
Purity by HPLC	99.20%
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