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Product Specifications

Catalogue Number	02210
Product	<i>N^ε-Z-L-Lysine</i> L-Lys(Z)-OH
CAS Number	1155-64-2
Molecular Formula	C ₁₄ H ₂₀ N ₂ O ₄
Molecular Weight	280.3

Appearance	White to off-white powder
Solubility	Clear solution (0.3 g in 2 mL TFA)
Melting Point	230 - 260 °C
Elemental Analysis (Theory)	≤ 5% (C, H, N)
Optical Rotation	[α] _D ²⁰ = 14 ± 3 ° (C=0.5 1N HCl)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	≤ 1% (80 °C at 2 h)
¹H NMR	Conforms to structure
Purity by HPLC	≥ 98%
Storage	Store at 0 - 8 °C

For Laboratory Use Only