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Product Specifications

Catalogue Number	04374
Product	<i>N</i>^α-Acetyl-<i>N</i>^ε-Boc-L-lysine Ac-L-Lys(Boc)-OH
CAS Number	23500-04-1
Molecular Formula	C ₁₃ H ₂₄ N ₂ O ₅
Molecular Weight	288.34

Appearance	White powder
Solubility	Clear solution (0.3 g in 2mL DMF)
Melting Point	131-135 °C
Water Content (Karl Fisher)	≤ 1.0%
Optical Rotation	[α] _D ²⁰ = -4.4 ± 0.5° (C-1 in DMF)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	≤ 1.0% (60°C, 2h)
¹H NMR	Conforms to structure
Purity by HPLC	≥ 98%
Storage	Store at 0-8 °C

For Laboratory Use Only