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Product Specifications

Catalogue Number	03995
Product	<i>N</i>^{α,ε}-Bis-Boc-L-lysine 4-nitrophenyl ester Boc-L-Lys(Boc)-ONp
CAS Number	2592-19-0
Molecular Formula	C ₂₂ H ₃₃ N ₃ O ₈
Molecular Weight	467.52

Appearance	White to off-white or light yellowish crystalline powder
Solubility	Clear solution (0.3g in 2mL DMF)
Melting Point	117 - 128 °C
Water Content (Karl Fisher)	≤ 1.0%
Optical Rotation	[α] _D ²⁰ = -30 ± 3° (C=1 in MeOH)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	≤ 1.0% (50 °C, 2h)
¹H NMR	Conforms to structure
Purity by HPLC	≥ 98%
Storage	Store at 0-8 °C

For Laboratory Use Only