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Product Specifications

Catalogue Number	00037
Product	<i>N</i>^α-Boc-<i>N</i>^ε-Fmoc-L-Lvsine Boc-L-Lys(Fmoc)-OH
CAS Number	84624-27-1
Molecular Formula	C ₂₆ H ₃₂ N ₂ O ₆
Molecular Weight	468.6

Appearance	White to off-white powder
Solubility	Clear solution (0.3 g in 2 mL DMF)
Melting Point	120 - 140 °C
Water Content (Karl Fisher)	≤ 1%
Optical Rotation	[α] _D ²⁰ = 4 ± 1 ° (C=1 in EtOAc)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	≤ 1% (50 °C, 2h)
¹H NMR	Conforms to structure
Chiral HPLC	≥ 99.5% (ee)
D-Enantiomer	≤ 0.5%
Purity by HPLC	≥ 98%
Storage	Store at RT

For Laboratory Use Only