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Product Specifications

Catalogue Number	02433
Product	<i>N^α-Fmoc-N^ε-Z-L-lysine</i> Fmoc-L-Lys(Z)-OH
CAS Number	86060-82-4
Molecular Formula	C ₂₉ H ₃₀ N ₂ O ₆
Molecular Weight	502.6

Appearance	White powder
Solubility	Clear solution (0.3 g in 2 mL DMF)
Melting Point	100 - 130 °C
Elemental Analysis (Theory)	≤ 5% (C, H, N)
Water Content (Karl Fisher)	≤ 1%
Optical Rotation	[α] _D ²⁰ = -10 ± 2 ° (C=1 in DMF)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	≤ 1% (50 °C, 2h)
¹H NMR	Conforms to structure
Purity by HPLC	≥ 98%
Purity by TLC	≥ 98%
Storage	Store at 0 - 8 °C

For Laboratory Use Only