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Product Specifications

Catalogue Number	03720
Product	<i>N</i>^α-Fmoc-<i>N</i>^ε-methyltrityl-L-lysine Fmoc-L-Lys(Mtt)-OH
CAS Number	167393-62-6
Molecular Formula	C ₄₁ H ₄₀ N ₂ O ₄
Molecular Weight	624.79

Appearance	White to off-white powder
Solubility	Clear solution (0.3 g in 2 mL DMF)
Melting Point	110 - 155 °C
Water Content (Karl Fisher)	≤ 1%
Optical Rotation	[α] _D ²⁰ = -10 ± 2 ° (C=3 in DMF) [α] _D ²⁰ = 3 ± 2 ° (C=1 in THF)
Infrared Spectrum	Conforms to structure
Chiral HPLC	≥ 99.5% (ee)
D-Enantiomer	≤ 0.5%
Purity by HPLC	≥ 95%
Storage	Store at 0 - 8 °C

For Laboratory Use Only