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Product Specifications

Catalogue Number	35204
Product	<i>N</i>^α-Fmoc-L-lysine methyl ester hydrochloride
	Fmoc-L-Lys-OMe•HCl
CAS Number	847658-45-1
Molecular Formula	C ₂₂ H ₂₇ ClN ₂ O ₄
Molecular Weight	418.91

Appearance	White to off-white powder
Solubility	Clear solution (0.3 g in 2 mL MeOH)
Melting Point	125 - 127 °C
Water Content (Karl Fisher)	≤ 1%
Optical Rotation	[α] _D ²⁰ = -10 ± 1 ° (C=2 in MeOH)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	≤ 2% (70 °C, 2h)
¹H NMR	Conforms to structure
Purity by HPLC	≥ 99%
Storage	Store at -10 °C

For Laboratory Use Only