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Product Specifications

Catalogue Number	12846
Product	Fmoc-2-methyl-D-phenylalanine
	Fmoc-D-Phe(2-Me)-OH
	Fmoc- <i>o</i> -Me-D-Phe-OH
CAS Number	352351-63-4
Molecular Formula	C ₂₅ H ₂₃ NO ₄
Molecular Weight	401.46

Appearance	White to off-white solid
Solubility	Clear solution (0.5 mmol/mL in DMF)
Optical Rotation	[α] _D ²⁰ = 58 ± 1 ° (C=1 in DMF)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Residual Solvents	Not identified
Related Substances	Not identified
¹H NMR	Conforms to structure
Chiral HPLC	≥ 99.5% (ee)
L-Enantiomer	≤ 0.5%
Purity by HPLC	≥ 99%
Storage	Store at 0 - 8 °C

For Laboratory Use Only