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Product Specifications

Catalogue Number	02449
Product	Fmoc-L-proline pentafluorophenyl ester Fmoc-L-Pro-OPfp (S)-Fmoc-pyrrolidine-2-carboxylic acid pentafluorophenyl ester
CAS Number	86060-90-4
Molecular Formula	C ₂₆ H ₁₈ NO ₄ F ₅
Molecular Weight	503.4
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Appearance	White powder
Solubility	Clear solution (0.3 g in 2 ml DMF)
Melting Point	122-130 °C
Optical Rotation	[α] _D ²⁰ = -57 to -64° (c=1% in CHCl ₃)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	≤ 1% (50 °C for 2 hours)
¹H NMR	Conforms to structure
Purity by HPLC	≥ 99%
Storage	Store at 0-8 °C

For Laboratory Use Only