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Product Specifications

Catalogue Number	02394
Product	Fmoc-L-aspartic acid β-<i>tert</i>-butyl ester α-<i>N</i>-hydroxysuccinimide ester
	Fmoc-L-Asp(OtBu)-OSu
CAS Number	78553-23-8
Molecular Formula	C ₂₇ H ₂₈ N ₂ O ₈
Molecular Weight	508.5
Appearance	White powder
Solubility	Clear solution (0.3 g in 2mL DMF)
Melting Point	126 - 133 °C
Water Content (Karl Fisher)	≤ 1%
Optical Rotation	[α] _D ²⁰ = -30 ± 2 ° (C=1 in DMF)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	≤ 1% (60 °C, 2h)
¹H NMR	Conforms to structure
Purity by HPLC	≥ 98%
Storage	Store at 0 - 8 °C

For Laboratory Use Only