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Product Specifications

Catalogue Number	02418
Product	Fmoc-L-α-tert-butylglycine

Fmoc-L- α -tert-butyl-Gly-OH

Fmoc-L-Tle-OH

CAS Number	132684-60-7
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Molecular Formula	C ₂₁ H ₂₃ NO ₄
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Molecular Weight	353.5
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Appearance	White powder
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Solubility	Clear solution (0.3 g in 2 mL DMF)
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Water Content (Karl Fisher)	≤ 1.0%
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Optical Rotation	[α] _D ²⁰ = -18 ± 2° (C=1 in DMF)
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Infrared Spectrum	Conforms to structure
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Analysis by Mass Spectra	Conforms to standard
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Loss on Drying	≤ 1.0% (50 °C, 2h)
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¹H NMR	Conforms to structure
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Purity by HPLC	≥ 99%
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Storage	Store at 0-8 °C
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For Laboratory Use Only