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Product Specifications

Catalogue Number	03753
Product	<i>N</i>^α-Fmoc-L-tryptophan <i>N</i>-hydroxysuccinimide ester Fmoc-L-Trp-OSu
CAS Number	84771-20-0
Molecular Formula	C ₃₀ H ₂₅ N ₃ O ₆
Molecular Weight	523.5
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Appearance	White powder
Solubility	Clear solution (0.3g in 4 mL DMF)
Melting Point	157-162 °C
Water Content (Karl Fisher)	≤ 1.0%
Optical Rotation	[α] _D ²⁰ = -54 ± 3° (C=1 in DMF)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	≤ 1.0% (80 °C, 2h)
¹H NMR	Conforms to structure
Purity by HPLC	≥ 97%
Storage	Store at 0-8 °C

For Laboratory Use Only