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Product Specifications

Catalogue Number	05322
Product	Fmoc-<i>O</i>-<i>tert</i>-butyl-L-tyrosine <i>N</i>- Fmoc-L-Tyr(<i>t</i> Bu)-OSu
CAS Number	155892-27-6
Molecular Formula	C ₃₂ H ₃₂ N ₂ O ₇
Molecular Weight	556.6

Appearance	White to off-white powder
Solubility	Clear solution (0.3g in 2 mL DMF)
Melting Point	107 - 117 °C
Water Content (Karl Fisher)	≤ 1%
Optical Rotation	[α] _D ²⁰ = -50 ± 1 ° (C=1 in DMF)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	≤ 1% (50 °C, 2h)
¹H NMR	Conforms to structure
Purity by HPLC	≥ 98%
Storage	Store at 0 - 8 °C

For Laboratory Use Only