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Product Specifications

Catalogue Number	07386
Product	Fmoc-3-trifluoromethyl-L-phenylalanine Fmoc-3-trifluoromethyl-L-phenylalanine Fmoc-L-Phe(3-trifluoromethyl)-OH
CAS Number	205526-27-8
Molecular Formula	C ₂₅ H ₂₀ F ₃ NO ₄
Molecular Weight	455.43

Appearance	White to off-white powder
Solubility	Clear solution (0.3 g in 2 mL DMF)
Melting Point	126 - 145 °C
Water Content (Karl Fisher)	≤ 2%
Optical Rotation	[α] _D ²⁰ = -34 ± 2 ° (C=1 in DMF)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	≤ 2%
¹H NMR	Conforms to structure
Purity by HPLC	≥ 98%
Storage	Store at 0 - 8 °C

For Laboratory Use Only