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Product Specifications

Catalogue Number	04316
Product	Fmoc-O-2-chlorotrityl-L-tyrosine Fmoc-L-Tyr(2-ClTrt)-OH
CAS Number	350241-80-4
Molecular Formula	C ₄₃ H ₃₄ NO ₅ Cl
Molecular Weight	680.2

Appearance	White to yellow-brown powder
Solubility	Clearly soluble (0.5 mmole in 1 ml DMF)
Water Content (Karl Fisher)	≤ 1.5%
Kaiser Test	Negative to slightly positive
Optical Rotation	[α] _D ²⁰ = -30 to -36 ° (C=1 in EtOAc)
Infrared Spectrum	Conforms to structure
Residual Solvents	Diethyl ether : ≤ 4% Ethyl acetate : ≤ 0.5%
Free Amino Acids	≤ 0.2%
Chiral HPLC	≥ 99% (ee)
D-Enantiomer	≤ 1%
Purity by HPLC	≥ 99%
Purity by TLC	≥ 99%
Storage	Store at 0 - 8 °C

For Laboratory Use Only