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Product Specifications

Catalogue Number	03699
Product	Fmoc-S-4-methoxytrityl-L-cysteine Fmoc-L-Cys(Mmt)-OH
CAS Number	177582-21-7
Molecular Formula	C ₃₈ H ₃₃ NO ₅ S
Molecular Weight	615.7

Appearance	White to off-white powder
Solubility	Clearly soluble (0.5 mmol in 1 mL DMF)
Melting Point	117 - 127 °C
Water Content (Karl Fisher)	≤ 1%
Kaiser Test	Negative to slightly positive
Optical Rotation	[α] _D ²⁰ = 12 - 16 ° (C=1 in THF)
Infrared Spectrum	Conforms to structure
Assay	≥ 88%
Purity by HPLC	≥ 99%
Purity by TLC	≥ 99%
Storage	Store at 0 - 8 °C

For Laboratory Use Only