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Product Specifications

Catalogue Number	11178
Product	Fmoc-S-methyl-L-cysteine Fmoc-L-Cys(Me)-OH
CAS Number	138021-87-1
Molecular Formula	C ₁₉ H ₁₉ NO ₄ S
Molecular Weight	357.43

Appearance	White powder
Solubility	Clear solution (0.3 g in 2 mL DMF)
Melting Point	114 - 145 °C
Water Content (Karl Fisher)	≤ 0.5%
Optical Rotation	[α] _D ²⁰ = -45 ± 2 ° (C=1 in DMF)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	≤ 0.5% (70 °C, 2h)
¹H NMR	Conforms to structure
Purity by HPLC	≥ 98%
Storage	Store at 0 - 8 °C

For Laboratory Use Only