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Certificate of Analysis

Catalogue Number 16183
Product **Fmoc-D-cysteine hydrate**

Lot Number 000424-160304-35234
Fmoc-D-Cys-OH•H₂O

CAS Number 157355-80-1
Molecular Formula C₁₈H₁₇NO₄S•H₂O

Molecular Weight 361.5

Appearance White to off-white powder
Solubility Clear solution (0.3 g in 2 mL DMF)
Melting Point 115.7-118.3 °C
Optical Rotation [α]_D²⁰ = +22.7° (C=1 in DMF)
Infrared Spectrum Conforms to structure
Analysis by Mass Spectra Conforms to standard
¹H NMR Conforms to structure
Purity by HPLC 98.68%
Storage Store at 0-8 °C
Remarks See material safety data sheet for additional information
For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Bala Kumar
Quality Control Manager