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Certificate of Analysis

Catalogue Number 11958
Lot Number 000424-140415-35200
Product **Fmoc-S-xanthyl-L-cysteine**

Fmoc-L-Cys(Xan)-OH

CAS Number 186829-25-4
Molecular Formula C₃₁H₂₅NO₅S

Molecular Weight 523.58

Appearance White powder
Solubility Clear solution (0.3 g in 2 mL DMF)
Melting Point 190.9-191.3 °C
Optical Rotation [α]_D²⁰ = +25.5° (C=1 in DMF)
Infrared Spectrum Conforms to structure
Analysis by Mass Spectra Conforms to standard
Loss on Drying 0.15% (70 °C, 2h)
¹H NMR Conforms to structure
Purity by HPLC 98.37%
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