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Certificate of Analysis

Catalogue Number 03725
Lot Number 000424-121026-35606
Product **Fmoc-L-methionine sulfone**

Fmoc-L-Met(O₂)-OH

CAS Number 163437-14-7
Molecular Formula C₂₀H₂₁NO₆S

Molecular Weight 403.5

Appearance White powder
Solubility Clear solution (0.3 g in 2mL DMF)
Melting Point 154.2-170.7 °C
Water Content (Karl Fisher) 0.77%
Optical Rotation [α]_D²⁰ = -13.5° (C=1% in DMF)
Infrared Spectrum Conforms to structure
Analysis by Mass Spectra Conforms to structure
¹H NMR Conforms to structure
Purity by HPLC 98.95%
Storage Store at RT

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