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Certificate of Analysis

Catalogue Number 02662
Product **Fmoc-N-methyl-L-leucine**

Lot Number 000424-140820-35503
Fmoc-N-Me-L-Leu-OH

CAS Number 103478-62-2
Molecular Formula C₂₂H₂₅NO₄

Molecular Weight 367.4

Appearance White to off-white solid
Solubility Complete, clear (1 mmol in 2 mL DMF)
Melting Point 110.5-111.0 °C
Water Content (Karl Fisher) 0.154%
Optical Rotation [α]_D = -21.2° (C=1 in DMF)
Infrared Spectrum Conforms to structure
Analysis by Mass Spectra Conforms to standard
Loss on Drying 0.79% (50 °C, 2h)
¹H NMR Conforms to structure
Purity by HPLC 98.9%
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