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Certificate of Analysis

Catalogue Number 04991
Lot Number 000424-190601-22153
Product **Fmoc-4-methyl-L-phenylalanine**

Fmoc-L-Phe(4-Me)-OH

CAS Number 199006-54-7
Molecular Formula C₂₅H₂₃NO₄

Molecular Weight 401.46

Appearance White powder
Solubility Clear solution (0.3 g in 2 mL DMF)
Melting Point 169.2 - 170.9 °C
Water Content (Karl Fisher) 0.164%
Optical Rotation [α]²⁰_D = -30.9 ° (C=1 in DMF)
Infrared Spectrum Conforms to structure
Analysis by Mass Spectra Conforms to standard
Loss on Drying 0.180% (75 °C, 2h)
¹H NMR Conforms to structure
Purity by HPLC 98.26%
Storage Store at 0 - 8 °C

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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