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Certificate of Analysis

Catalogue Number 05693
Lot Number 000424-161008-35236
Product **Fmoc-S-4-methylbenzyl-D-cysteine**

Fmoc-D-Cys(pMeBzl)-OH

CAS Number 200354-41-2
Molecular Formula C₂₆H₂₅NO₄S

Molecular Weight 447.6

Appearance White powder
Solubility Clear solution (0.3 g in 2 mL DMF)
Melting Point 154.7-155.2 °C
Water Content (Karl Fisher) 0.89%
Optical Rotation [α]_D²⁰ = +35.2° (C=1 in MeOH)
Infrared Spectrum Conforms to structure
Analysis by Mass Spectra Conforms to standard
Loss on Drying 0.10% (70 °C, 2h)
¹H NMR Conforms to structure
Purity by HPLC 98.92%
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