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Certificate of Analysis

Catalogue Number 11625
Lot Number 000424-170707-35223
Product **Fmoc-S-4-methyltrityl-L-cysteine**

Fmoc-L-Cys(Mtt)-OH

CAS Number 269067-38-1
Molecular Formula C₃₈H₃₃NO₄S

Molecular Weight 599.75

Appearance White powder
Solubility Clear solution (0.3g in 2ml DMF)
Melting Point 107.7 - 111.8 °C
Optical Rotation [α]_D²⁰ = +18.5° (C=2, in DMF)
Infrared Spectrum Conforms to structure
Analysis by Mass Spectra Conforms to standard
Loss on Drying 0.16% (45°C, 2h)
¹H NMR Conforms to structure
Purity by HPLC 99.33%
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