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Certificate of Analysis

Catalogue Number 14848
Lot Number 000424-141021-35219
Product **Fmoc-S-4-methoxytrityl-D-cysteine**

Fmoc-D-Cys(Mmt)-OH

Fmoc-D-Cys(4-methoxytrityl)-OH

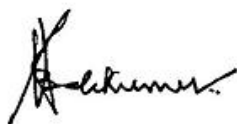
CAS Number 1198791-73-9

Molecular Formula C₃₈H₃₃NO₅S

Molecular Weight 615.75

Appearance White to off-white powder
Solubility Clear solution (0.3 g in 2 mL DMF)
Water Content (Karl Fisher) 0.108%
Optical Rotation [α]_D²⁰ = -16.2° (C=1 in DMF)
Infrared Spectrum Conforms to structure
Analysis by Mass Spectra Conforms to standard
Loss on Drying 1.90% (70° C, 2h)
¹H NMR Conforms to structure
Purity by HPLC 98.04%
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