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Certificate of Analysis

Catalogue Number 05349
Lot Number 000424-181010-36217
Product **Fmoc-D-threonine**

Fmoc-D-Thr-OH

CAS Number 118609-38-4
Molecular Formula C₁₉H₁₉NO₅

Molecular Weight 341.4

Appearance White powder
Solubility Clear solution (0.3 g in 2 ml DMF)
Melting Point 95.5 - 96.3 °C
Water Content (Karl Fisher) 5.143%
Optical Rotation [α]_D²⁰ = + 16 ° (C=1 in DMF)
Infrared Spectrum Conforms to structure
Analysis by Mass Spectra Conforms to standard
Loss on Drying 0.18% (40°C, 2h)
¹H NMR Conforms to structure
Purity by HPLC 98.57%
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