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Certificate of Analysis

Catalogue Number 05350
Product **Fmoc-O-methyl-L-tyrosine**

Lot Number 000424-180608-20703
Fmoc-L-Tyr(Me)-OH

CAS Number 77128-72-4
Molecular Formula C₂₅H₂₃NO₅

Molecular Weight 417.47

Appearance White powder
Solubility Clear solution (0.3 g in 2 ml DMF)
Melting Point 160.4 - 161.4 °C
Water Content (Karl Fisher) 0.163%
Optical Rotation [α]_D²⁰ = + 9.1° (C=1 in EtOAc)
Infrared Spectrum Conforms to structure
Analysis by Mass Spectra Conforms to standard
Loss on Drying 0.14% (60°C, 2h)
¹H NMR Conforms to structure
Chiral HPLC 99.95% (ee)
D-Enantiomer 0.0510%
Purity by HPLC 98.03%
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