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Certificate of Analysis

Catalogue Number 15115
Lot Number 000424-131014-20621
Product **Fmoc-3-iodo-D-tyrosine**

Fmoc-*m*-iodo-D-Tyr-OH

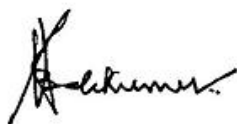
CAS Number 244028-70-4
Molecular Formula C₂₄H₂₀NO₅I

Molecular Weight 529.2

Appearance White powder
Solubility Clear solution (0.3 g in 2 mL DMF)
Melting Point 148.3-152.0 °C
Water Content (Karl Fisher) 0.200%
Optical Rotation [α]_D²⁰ = +10.6° (C=1 in DMF)
Infrared Spectrum Conforms to structure
Analysis by Mass Spectra Conforms to standard
Loss on Drying 0.94% (60 °C, 2 hr)
¹H NMR Conforms to structure
Purity by HPLC 98.11%
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