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Certificate of Analysis

Catalogue Number 03747
Lot Number 000424-150609-36905
Product **Fmoc-O-phospho-L-tyrosine**

Fmoc-L-Tyr(H₂PO₃)-OH

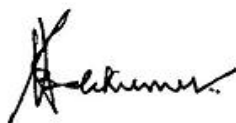
CAS Number 147762-53-6
Molecular Formula C₂₄H₂₂NO₈P

Molecular Weight 483.41

Appearance White to off-white powder
Solubility Clear solution (0.3g in 2 mL DMF)
Melting Point 152.3-169.5 °C
Water Content (Karl Fisher) 4.56%
Optical Rotation [α]_D²⁰ = +5.4° (C=2 in MeOH)
Infrared Spectrum Conforms to structure
Analysis by Mass Spectra Conforms to standard
Loss on Drying 3.82% (60 °C, 2h)
¹H NMR Conforms to structure
Purity by HPLC 98.74%
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