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Certificate of Analysis

Catalogue Number 01393
Product **Boc-O-2-bromo-Z-D-tyrosine**

Lot Number 000424-150710-31810
Boc-D-Tyr(2-Br-Z)-OH

CAS Number 81189-61-9
Molecular Formula C₂₂H₂₄BrNO₇

Molecular Weight 494.35

Appearance White to off-white powder
Solubility Clear solution (0.3 g in 2 mL DMF)
Water Content (Karl Fisher) 0.206%
Optical Rotation [α]_D²⁰ = -8.4° (C=2 in MeOH)
Infrared Spectrum Conforms to structure
Analysis by Mass Spectra Conforms to standard
Loss on Drying 028% (40 °C, 2h)
¹H NMR Conforms to structure
Purity by HPLC 99.80%
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