

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	07220
Lot Number	002765-20230401
Product	Fmoc-N-methyl-O-tert-butyl-L-tyrosine Fmoc-N-Me-L-Tyr(tBu)-OH
CAS Number	133373-24-7
Molecular Formula	C ₂₉ H ₃₁ NO ₅
Molecular Weight	473.6

Appearance	White crystalline powder
Solubility	Clearly soluble (0.5 mmole in 5 mL DMF)
Melting Point	182.6 - 183.5 °C
Water Content (Karl Fisher)	0.12%
Optical Rotation	[α] _D ²⁰ = -49.1 ° (C=1 in DMF)
Infrared Spectrum	Conforms to structure
Related Substances	Any other impurity : 0.06%
Assay by titration	99.1%
Chiral HPLC	100% (ee)
D-Enantiomer	Not detected
Purity by HPLC	99.5%
Storage	Store at 0 - 8 °C
Additional Information	Acetic acid ions : 15.34 mg/kg
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