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Certificate of Analysis

Catalogue Number	14269
Lot Number	110923-22163
Product	Fmoc-O-ethyl-D-tyrosine Fmoc-D-Tyr(Et)-OH Fmoc- <i>p</i> -ethoxy-D-Phe-OH
CAS Number	162502-65-0
Molecular Formula	C ₂₆ H ₂₅ NO ₅
Molecular Weight	431.47

Appearance	White powder
Solubility	Clear solution (0.3 g in 2 mL MeOH)
Melting Point	137.2-144.5 °C
Water Content (Karl Fisher)	0.15%
Optical Rotation	[α] _D ²⁰ = +23.3° (C=1 in DMF)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	0.15% (60 °C, 2h)
¹H NMR	Conforms to structure
Purity by HPLC	98.09%
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