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Certificate of Analysis

Catalogue Number	05727
Lot Number	000424-150302-37301
Product	Fmoc-L-threoninol Fmoc-L-Thr-ol
CAS Number	176380-53-3
Molecular Formula	C ₁₉ H ₂₁ NO ₄
Molecular Weight	327.5
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Appearance	White powder
Solubility	Clear solution (0.3 g in 2 mL DMF)
Water Content (Karl Fisher)	0.927%
Optical Rotation	[α] _D ²⁰ = -2.5 ± 0.5° (C=1 in MeOH)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	0.69% (45 °C, 2h)
¹³C NMR	Conforms to structure
¹H NMR	Conforms to structure
Purity by HPLC	99.77%
Purity by TLC	> 98%
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