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Certificate of Analysis

Catalogue Number	11893
Lot Number	000424-150418-31710
Product	<i>N</i>^α-Boc-L-tryptophan benzyl ester Boc-L-Trp-OBzl
CAS Number	57229-67-1
Molecular Formula	C ₂₃ H ₂₆ N ₂ O ₄
Molecular Weight	394.47

Appearance	White powder
Solubility	Clear solution (0.3 g in 2 mL DMF)
Melting Point	141.9-142.9 °C
Water Content (Karl Fisher)	0.143%
Optical Rotation	[α] _D ²⁰ = -14.0° (C=1 in DMF)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	0.79% (70 °C, 2h)
¹H NMR	Conforms to structure
Purity by HPLC	99.31%
Storage	Store at 0-8 °C

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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