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Certificate of Analysis

Catalogue Number	03090
Lot Number	000424-161108-11848
Product	D-Leucine benzyl ester 4-toluenesulfonate salt D-Leu-OBzl•TosOH
CAS Number	17664-93-6
Molecular Formula	C ₁₃ H ₁₉ NO ₂ •C ₇ H ₈ O ₃ S
Molecular Weight	393.5

Appearance	White powder
Solubility	Clear solution (0.3 g in 2 mL DMF)
Melting Point	153.7-154.0 °C
Water Content (Karl Fisher)	0.051%
Optical Rotation	[α] _D ²⁴ = -5.1° (C=2% in DMF)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	0.31% (70 °C, 2h)
¹H NMR	Conforms to structure
Purity by HPLC	99.21%
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