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Product Specifications

Catalogue Number	03090
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	150-160 °C
Water Content (Karl Fisher)	≤ 0.5%
Optical Rotation	[α] ²⁴ _D = -5.0 ± 0.5° (C=2% in DMF)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	≤ 0.5% (70 °C, 2h)
¹H NMR	Conforms to structure
Purity by HPLC	≥ 98%
Storage	Store at 0-8 °C

For Laboratory Use Only