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Product Specifications

Catalogue Number	03089
Product	L-Leucine benzyl ester 4-toluenesulfonate salt L-Leu-OBzl•TosOH
CAS Number	1738-77-8
Molecular Formula	C ₁₃ H ₁₉ NO ₂ ·C ₇ H ₈ O ₃ S
Molecular Weight	393.5

Appearance	White to off-white powder
Solubility	Clear, colorless solution (0.3 g in 2 mL DMF)
Melting Point	150-160°C
Water Content (Karl Fisher)	≤ 1.0%
Optical Rotation	[α] ²⁰ _D = +5 ± 0.5° (C=2 in DMF)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
¹H NMR	Conforms to structure
Assay	≥ 98%
Storage	Store at 0-8 °C

For Laboratory Use Only