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Product Specifications

Catalogue Number	03012
Product	L-Alanine benzyl ester 4-toluenesulfonate salt L-Ala-OBzl•TosOH
CAS Number	42854-62-6
Molecular Formula	C ₁₀ H ₁₃ NO ₂ ·C ₇ H ₈ SO ₃
Molecular Weight	351.4
Appearance	White, fine crystals
Solubility	Clear and colorless
Melting Point	114-116 °C
Water Content (Karl Fisher)	≤ 0.5%
Optical Rotation	[α] _D ²⁵ = -4.0 ± 2 ° (C=3 in MeOH)
Infrared Spectrum	Conforms to structure
Purity by HPLC	≥ 99%
Purity by TLC	≥ 98%
Storage	Store at 0-8°C
Additional Information	Limit of free alanine: ≤ 0.25%

For Laboratory Use Only