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Product Specifications

Catalogue Number	02118
Product	Z-L-alanine amide
	Z-L-Ala-NH ₂
CAS Number	13139-27-0
Molecular Formula	C ₁₁ H ₁₄ N ₂ O ₃
Molecular Weight	222.25

Appearance	White to off-white powder
Solubility	Clear solution (0.1 g in 2 mL MeOH)
Melting Point	131-136 °C
Water Content (Karl Fisher)	≤ 1%
Optical Rotation	[α] _D ²⁰ = - 3 ± 1 ° (C=1 in MeOH)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to structure
Loss on Drying	≤ 1% (60 °C, 2h)
¹H NMR	Conforms to structure
Purity by HPLC	≥ 98%
Storage	Store at 0-8°C

For Laboratory Use Only