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Product Specifications

Catalogue Number	05831
Product	L-Alanine amide acetate
	L-Ala-NH ₂ •AcOH
CAS Number	119864-22-1
Molecular Formula	C ₃ H ₈ N ₂ O•C ₂ H ₄ O ₂
Molecular Weight	148.1

Appearance	White crystalline powder
Solubility	Clear, colorless solution (50mg/mL in MeOH)
Melting Point	161-165° C
Water Content (Karl Fisher)	≤ 0.30%
TLC System	Conforms to structure
Optical Rotation	+7.5°±1° (c=1% in water)
Analysis by Mass Spectra	m = 88.1±1
Assay	≥ 59%
Purity by TLC	≥ 99%
Storage	Store at 0-8°C
Additional Information	Acetic acid content (HPLC): <42%

For Laboratory Use Only