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Product Specifications

Catalogue Number	03011
Product	D-Alanine amide hydrochloride D-Ala-NH ₂ •HCl
CAS Number	71810-97-4
Molecular Formula	C ₃ H ₈ N ₂ O•HCl
Molecular Weight	124.6

Appearance	White powder
Solubility	Clear solution (0.3 g in 6 mL MeOH)
Melting Point	198 - 202 °C
Water Content (Karl Fisher)	≤ 1%
Optical Rotation	[α] ²⁰ _D = -10 ± 1 ° (C=2 in MeOH)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	≤ 1% (80 °C, 2h)
¹H NMR	Conforms to structure
Purity by HPLC	≥ 99%
Storage	Store at 0 - 8 °C

For Laboratory Use Only