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Product Specifications

Catalogue Number	04445
Product	D-Proline amide
	D-Pro-NH ₂
	(<i>R</i>)-Pyrrolidine-2-carboxylic acid amide
CAS Number	62937-45-5
Molecular Formula	C ₅ H ₁₀ N ₂ O
Molecular Weight	114.1

Appearance	White to off-white powder
Solubility	Clear solution (0.1 g in 6 mL MeOH)
Melting Point	84-102 °C
Water Content (Karl Fisher)	≤ 1%
Optical Rotation	[α] _D ²⁰ = +106 ± 3° (C=2 in EtOH)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	≤ 1% (40 °C, 2 hour)
¹H NMR	Conforms to structure
Purity by HPLC	≥ 99%
Storage	Store at 0-8 °C

For Laboratory Use Only