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Product Specifications

Catalogue Number	02905
Product	L-Proline benzyl ester hydrochloride L-Pro-OBzl•HCl (S)-Pyrrolidine-2-carboxylic acid benzyl ester hydrochloride
CAS Number	16652-71-4
Molecular Formula	C ₁₂ H ₁₅ NO ₂ •HCl
Molecular Weight	241.7

Appearance	White to off-white powder
Solubility	Clear solution (0.3 g in 2 mL MeOH)
Melting Point	138 - 152 °C
Water Content (Karl Fisher)	≤ 1%
Optical Rotation	[α] _D ²⁰ = -44 ± 2 ° (C=1 in MeOH)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	≤ 1%
¹H NMR	Conforms to structure
Purity by HPLC	≥ 98%
Storage	Store at 0 - 8 °C

For Laboratory Use Only