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Product Specifications

Catalogue Number	12431
Product	D-Serine benzyl ester hydrochloride D-Ser-OBzl•HCl D-β-Hydroxyalanine benzyl ester hydrochloride
CAS Number	151651-44-4
Molecular Formula	C ₁₀ H ₁₃ NO ₃ •HCl
Molecular Weight	231.72
Appearance	White to off white powder
Solubility	Clear solution (0.3 g in 2 mL H ₂ O)
Melting Point	169-174 °C
Water Content (Karl Fisher)	≤ 1%
Optical Rotation	[α] _D ²⁰ = +11 ± 2 ° (C=2 in H ₂ O)
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