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Product Specifications

Catalogue Number	03041
Product	L-Aspartic acid β-benzyl ester α-amide hydrochloride L-Asp(OBzl)-NH ₂ •HCl
CAS Number	199118-68-8
Molecular Formula	C ₁₁ H ₁₄ N ₂ O ₃ •HCl
Molecular Weight	258.8
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Appearance	White to off-white powder
Solubility	Clear solution (0.1 g in 10 mL MeOH)
Melting Point	186-196 °C
Water Content (Karl Fisher)	≤ 0.5%
Optical Rotation	[α] _D ²⁰ = +2.0 to +3.0° (C=1 in MeOH)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	≤ 0.5% (80°C, 2h)
¹H NMR	Conforms to structure
Purity by HPLC	≥ 98%
Storage	Store at 0-8 °C

For Laboratory Use Only