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Product Specifications

Catalogue Number	04420
Product	L-Aspartic acid diethyl ester hydrochloride L-Asp(OEt)-OEt•HCl
CAS Number	16115-68-7
Molecular Formula	C ₈ H ₁₅ NO ₄ ·HCl
Molecular Weight	225.62

Appearance	White powder
Solubility	Clear solution (0.3 g in 2 mL DMF)
Melting Point	106 - 111 °C
Water Content (Karl Fisher)	≤ 1%
Optical Rotation	[α] _D ²⁰ = 10 ± 1 ° (C=1 in DMF)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	≤ 1% (50 °C, 2h)
¹H NMR	Conforms to structure
Purity by HPLC	≥ 98%
Storage	Store at 0 - 8 °C

For Laboratory Use Only