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Product Specifications

Catalogue Number	05968
Product	D-Glutamic acid α-benzyl ester hydrochloride
	D-Glu-OBzl•HCl
CAS Number	79338-14-0 (net.)
Molecular Formula	C ₁₂ H ₁₅ NO ₄ •HCl
Molecular Weight	273.8

Appearance	White powder
Solubility	Clear solution (0.3 g in 2 mL Methanol)
Melting Point	121-126 °C
Water Content (Karl Fisher)	≤ 0.5%
Optical Rotation	[α] _D ²⁰ = -10 ± 2° (C=2 in H ₂ O)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	≤ 0.5% (60 °C, 2h)
¹H NMR	Conforms to structure
Purity by HPLC	≥ 99%
Storage	Store at 0-8 °C

For Laboratory Use Only