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Product Specifications

Catalogue Number	03057
Product	L-Glutamic acid γ-benzyl ester L-Glu(OBzl)-OH L-Glutamic acid 5-benzyl ester
CAS Number	1676-73-9
Molecular Formula	C ₁₂ H ₁₅ NO ₄
Molecular Weight	237.3

Appearance	White to off-white powder
Solubility	Clear solution (0.3 g in 6 mL AcOH)
Melting Point	155 - 175 °C
Optical Rotation	[α] _D ²⁰ = 19 ± 2 ° (C=1 in AcOH)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	≤ 1.0% (60 °C, 2h)
¹H NMR	Conforms to structure
Purity by HPLC	≥ 98%
Storage	Store at 0 - 8 °C

For Laboratory Use Only