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Product Specifications

Catalogue Number	03060
Product	L-Glutamic acid dibenzyl ester 4-toluenesulfonate salt L-Glu(OBzl)-OBzl•TosOH
CAS Number	2791-84-6
Molecular Formula	C ₁₉ H ₂₁ NO ₄ ·C ₇ H ₈ O ₃ S
Molecular Weight	499.6
Appearance	White powder
Solubility	Clear solution (0.3 g in 2 mL MeOH)
Melting Point	141 - 143 °C
Elemental Analysis (Theory)	≤ 5.0% (C, H, N)
Water Content (Karl Fisher)	≤ 1.0%
Optical Rotation	[α] ²⁰ _D = 7 ± 2 ° (C=1 in MeOH)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	≤ 1.0% (70 °C, 2h)
¹H NMR	Conforms to structure
Purity by HPLC	≥ 99%
Storage	Store at 0 - 8 °C

For Laboratory Use Only