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Product Specifications

Catalogue Number	03336
Product	D-Glutamic acid γ-<i>tert</i>-butyl ester
	D-Glu(OtBu)-OH
CAS Number	45125-00-6
Molecular Formula	C ₉ H ₁₇ NO ₄
Molecular Weight	203.2
Appearance	White crystals
Melting Point	> 150 °C (dec.)
Water Content (Karl Fisher)	≤ 10%
TLC System	tert.BuOH:H ₂ O:AcOH : 4:2:4
Optical Rotation	[α] ²⁰ _D = -8.5 to -10.5 °
Free Amino Acids	≤ 0.5%
Other Enantiomer	≤ 1%
Purity by TLC	Single spot
Chiral Purity	≥ 99% (ee)
Storage	Store at 0 - 8 °C

For Laboratory Use Only