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Product Specifications

Catalogue Number	05533
Product	Boc-L-glutamic acid γ-methyl ester α-4-nitrophenyl ester Boc-L-Glu(OMe)-ONp
CAS Number	16947-07-2
Molecular Formula	C ₁₇ H ₂₂ N ₂ O ₈
Molecular Weight	382.36
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Appearance	White powder with a hint of yellow
Solubility	Clear, yellowish solution (100 mg/ml in methanol)
Melting Point	86-91 °C
Elemental Analysis (Found)	C = 53.40 ± 0.5%; H = 5.80 ± 0.5%; N = 7.33 ± 0.5%
TLC System	Methanol 80% Plate: RP-8 Detected by: UV, ninhydrin, chlorine-tolidine
Optical Rotation	[α] _D ²⁴ = -36 ± 2° (C=1% in acetone)
Purity by TLC	≥ 99%
Storage	Store at 0-8°C

For Laboratory Use Only