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Product Specifications

Catalogue Number	03784
Product	Boc-L-glutamic acid
	Boc-L-Glu-OH
CAS Number	2419-94-5
Molecular Formula	C ₁₀ H ₁₇ NO ₆
Molecular Weight	247.25

Appearance	White powder
Solubility	Clear Solution (0.3g in 2mL MeOH)
Melting Point	110-114 °C
Water Content (Karl Fisher)	≤ 1%
Optical Rotation	[α] _D ²⁰ = -14.5 ± 2° (C=1 in MeOH)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to structure
Loss on Drying	≤ 1% (50 °C, 2h)
¹H NMR	Conforms to structure
Purity by HPLC	≥ 99%
Purity by TLC	≥ 98%
Storage	Store at 0-8°C

For Laboratory Use Only