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Product Specifications

Catalogue Number	06174
Product	4-Nitro-L-phenylalanine methyl ester L-Phe(4-NO ₂)-OMe•HCl <i>p</i> -Nitro-L-Phe-OMe•HCl
CAS Number	17193-40-7
Molecular Formula	C ₁₀ H ₁₂ N ₂ O ₄ •HCl
Molecular Weight	260.68

Appearance	White to off-white powder
Solubility	Clear solution (0.1 g in 4 mL Water)
Melting Point	204 - 210 °C
Water Content (Karl Fisher)	≤ 1%
Optical Rotation	[α] _D ²⁰ = 9 ± 2 ° (C=2 in H ₂ O)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	≤ 1% (80 °C, 2h)
¹H NMR	Conforms to structure
Purity by HPLC	≥ 98%
Storage	Store at 0 - 8 °C

For Laboratory Use Only