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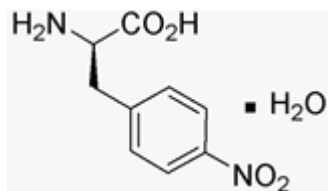
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Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191



Product Specifications

Catalogue Number	03403
Product	4-Nitro-D-phenylalanine monohydrate D-Phe(4-NO ₂)-OH•H ₂ O <i>p</i> -Nitro-D-Phe-OH monohydrate
CAS Number	56613-61-7
Molecular Formula	C ₉ H ₁₀ N ₂ O ₄ •H ₂ O
Molecular Weight	228.2

Appearance	Faintly yellow powder
Solubility	Clear solution (0.3 g in 1mL 6N HCL and 2 mL DMF)
Melting Point	214-221 °C
Optical Rotation	[α] _D ²⁰ = - 7 ± 1° (C=1 in 5N HCL)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	≤ 0.50% (70°C, 2h)
¹H NMR	Conforms to structure
L-Enantiomer	≤ 0.5%
Purity by HPLC	≥ 99.0%
Chiral Purity	≥ 99.5% (ee)
Storage	Store at 0-8 °C

For Laboratory Use Only