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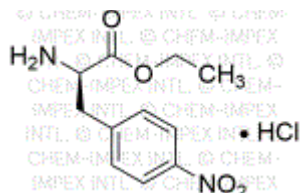
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Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191



Product Specifications

Catalogue Number 14866

Product **4-Nitro-D-phenylalanine ethylester hydrochloride**

4-Nitro-D-Phe-OEt•HCl

p-Nitro-D-phenylalanine ethylester hydrochloride

CAS Number 127641-82-1

Molecular Formula $C_{11}H_{14}N_2O_4 \bullet HCl$

Molecular Weight 274.7

Appearance Light yellow powder

Solubility Clear solution (0.3 g in 2 mL DMF)

Melting Point 195 - 205 °C

Water Content (Karl Fisher) $\leq 2\%$

Optical Rotation $[\alpha]_D^{20} = -36 \pm 3^\circ$ (C=2 in DMF)

Infrared Spectrum Conforms to structure

Analysis by Mass Spectra Conforms to standard

Loss on Drying $\leq 2\%$ (70 °C, 2 h)

1H NMR Conforms to structure

Purity by HPLC $\geq 98\%$

Storage Store at 0 - 8 °C

For Laboratory Use Only