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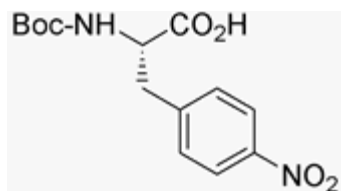
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Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191



Product Specifications

Catalogue Number 02723

Product **Boc-4-nitro-L-phenylalanine**

Boc-L-Phe(4-NO₂)-OH

Boc-*p*-nitro-L-Phe-OH

CAS Number 33305-77-0

Molecular Formula C₁₄H₁₈N₂O₆

Molecular Weight 310.3

Appearance Faintly yellow powder

Solubility Clear solution (0.3 g in 2 mL MeOH)

Water Content (Karl Fisher) ≤ 1%

Optical Rotation [α]_D²⁰ = +8 ± 1° (C=1 in MeOH)

Infrared Spectrum Conforms to structure

Analysis by Mass Spectra Conforms to standard

Loss on Drying ≤ 1% (50 °C, 2h)

¹H NMR Conforms to structure

Purity by HPLC ≥ 99%

Storage Store at 0-8 °C

For Laboratory Use Only