

Chem-Impex International, Inc.

Tel: (630) 766-2112

E-mail: sales@chemimpex.com

Shipping and Correspondence:

935 Dillon Drive

Wood Dale, IL 60191

Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

Product Specifications

Catalogue Number 04028

Product **Boc-L-tyrosine 4-nitrophenyl ester**

Boc-L-Tyr-ONp

CAS Number 20866-55-1

Molecular Formula C₂₀H₂₂N₂O₇

Molecular Weight 402.4

Appearance White powder

Solubility Clear solution (5% in acetone)

Melting Point 146-155 °C

Elemental Analysis (Found) C = 59.70 ± 0.5%; H = 5.51 ± 0.5%; N = 6.96 ± 0.5%

TLC System Chloroform/Ethyl Acetate/Acetic acid (50:50:2)
Benzene/Dioxane/Acetic acid (95:25:4)
Plate: Silica gel 60 F₂₅₄
Detected by: UV, ninhydrin, chlorine-tolidine, Pauly Reagent

Optical Rotation [α]_D²⁴ = -5.5 ± 2° (C=1% in Acetone)

Purity by TLC ≥ 99%

Storage Store at 0-8°C

For Laboratory Use Only