

Chem-Impex International, Inc.

Tel: (630) 766-2112

E-mail: sales@chemimpex.com

Shipping and Correspondence:

935 Dillon Drive

Wood Dale, IL 60191

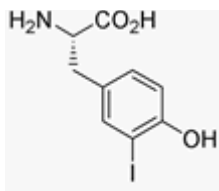
Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191



Product Specifications

Catalogue Number	00192
Product	3-Iodo-L-tyrosine 3-I-L-Tyr-OH H-L-Phe(3-I,4-OH)-OH
CAS Number	70-78-0
Molecular Formula	C ₉ H ₁₀ INO ₃
Molecular Weight	307.09

Appearance	White to off-white powder
Solubility	Clear solution (0.3g in 2mL 1N HCl)
Melting Point	195 - 203 °C
Water Content (Karl Fisher)	≤ 4%
Optical Rotation	[α] _D ²⁰ = -4 ± 2 ° (C=5 in 1N HCl)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	≤ 3% (80 °C, 2h)
¹H NMR	Conforms to structure
Chiral HPLC	≥ 99.5% (ee)
D-Enantiomer	≤ 0.5%
Purity by HPLC	≥ 98%
Storage	Store at RT

For Laboratory Use Only