

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	03157
Product	L-Tyrosine <i>tert</i>-butyl ester
	L-Tyr-OtBu
CAS Number	16874-12-7
Molecular Formula	C ₁₃ H ₁₉ NO ₃
Molecular Weight	237.3

Appearance	White to off-white powder
Solubility	Clear solution (0.3g in 2ml DMF)
Melting Point	138 - 145 °C
Water Content (Karl Fisher)	≤ 1.0%
Optical Rotation	[α] ²⁰ _D = 25 ± 2 ° (C=2 in EtOH)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	≤ 1.0% (60 °C, 2h)
¹H NMR	Conforms to structure
Purity by HPLC	≥ 99%
Storage	Store at 0-8°C

For Laboratory Use Only