

# Chem-Impex International, Inc.

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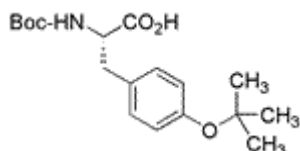
**Web site:** www.chemimpex.com

**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

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## Product Specifications

<b>Catalogue Number</b>	01392
<b>Product</b>	<b>Boc-<i>O</i>-<i>tert</i>-butyl-<i>L</i>-tyrosine</b> Boc- <i>L</i> -Tyr( <i>t</i> Bu)-OH ( <i>S</i> )-2-(Boc-amino)-3-(4- <i>tert</i> -butoxyphenyl)propionic acid
<b>CAS Number</b>	47375-34-8
<b>Molecular Formula</b>	C <sub>18</sub> H <sub>27</sub> NO <sub>5</sub>
<b>Molecular Weight</b>	337.4

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<b>Appearance</b>	White powder
<b>Solubility</b>	Clear solution (0.3 g in 2 ml DMF)
<b>Melting Point</b>	112 - 118 °C
<b>Water Content (Karl Fisher)</b>	≤ 1%
<b>Optical Rotation</b>	[α] <sub>D</sub> <sup>20</sup> = -15 ± 2 ° (C=1 in DMF)
<b>Infrared Spectrum</b>	Conforms to structure
<b>Analysis by Mass Spectra</b>	Conforms to standard
<b>Loss on Drying</b>	≤ 1% (50 °C, 2h)
<b><sup>1</sup>H NMR</b>	Conforms to structure
<b>Chiral HPLC</b>	≥ 99.5% (ee)
<b>D-Enantiomer</b>	≤ 0.5%
<b>Purity by HPLC</b>	≥ 99%
<b>Storage</b>	Store at 0 - 8 °C

**For Laboratory Use Only**