

# Chem-Impex International, Inc.

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## Product Specifications

<b>Catalogue Number</b>	15534
<b>Product</b>	<b>4-<i>tert</i>-Butyl-D-<math>\beta</math>-homophenylalanine hydrochloride</b> D- $\beta$ -HomoPhe(4-tBu)-OH·HCl  ( <i>R</i> )-3-Amino-4-(4- <i>tert</i> -butyl-phenyl)butyric acid hydrochloride
<b>CAS Number</b>	401916-47-0
<b>Molecular Formula</b>	C <sub>14</sub> H <sub>21</sub> NO <sub>2</sub> •HCl
<b>Molecular Weight</b>	271.79

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<b>Appearance</b>	White powder
<b>Melting Point</b>	212-218 °C
<b>TLC System</b>	Butanol/Pyridine/Acetic acid/Water (5:5:1:4) Single spot Butanol/Acetic acid/Water (4:1:2) Single spot Visualized with UV/Iodine
<b>Optical Rotation</b>	[ $\alpha$ ] <sub>D</sub> <sup>25</sup> = +14 ± 2° (C=1, in DMF)
<b>Purity by HPLC</b>	≥ 98%
<b>Storage</b>	Store at 0-8 °C

**For Laboratory Use Only**