

# *Chem-Impex International, Inc.*

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## *Product Specifications*

<b>Catalogue Number</b>	15226
<b>Product</b>	<b>4-Methyl-D-<math>\beta</math>-homophenylalanine hydrochloride</b> D- $\beta$ -HomoPhe(4-Me)-OH·HCl  ( <i>R</i> )-3-Amino-4-(4-methylphenyl)butyric acid hydrochloride
<b>CAS Number</b>	177839-85-9
<b>Molecular Formula</b>	C <sub>11</sub> H <sub>15</sub> NO <sub>2</sub> •HCl
<b>Molecular Weight</b>	229.71
<b>Appearance</b>	White powder
<b>Melting Point</b>	252-258 °C
<b>TLC System</b>	Butanol/Acetic acid/Water (4:1:2) Single spot Chloroform/Methanol/Benzene/Water (8:8:8:1) Single spot Visualized with: UV/Iodine
<b>Optical Rotation</b>	[ $\alpha$ ] <sub>D</sub> <sup>25</sup> = -6 $\pm$ 2° (C=1 in MeOH)
<b>Purity by HPLC</b>	$\geq$ 98%
<b>Storage</b>	Store at 0-8 °C

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**For Laboratory Use Only**