

# *Chem-Impex International, Inc.*

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## *Product Specifications*

<b>Catalogue Number</b>	15378
<b>Product</b>	<b>3-Trifluoromethyl-L-<math>\beta</math>-homophenylalanine hydrochloride</b> L- $\beta$ -HomoPhe(3-CF <sub>3</sub> )-OH·HCl  (S)-3-Amino-4-(3-trifluoromethylphenyl)butyric acid hydrochloride
<b>CAS Number</b>	270065-76-4
<b>Molecular Formula</b>	C <sub>11</sub> H <sub>12</sub> F <sub>3</sub> NO <sub>2</sub> •HCl
<b>Molecular Weight</b>	283.68
<b>Appearance</b>	White powder
<b>Melting Point</b>	238-244 °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> = -18 $\pm$ 2° (C=1 in DMF)
<b>Purity by HPLC</b>	$\geq$ 98%
<b>Storage</b>	Store at 0-8 °C

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**For Laboratory Use Only**