

# *Chem-Impex International, Inc.*

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## *Product Specifications*

|                          |   |
|--------------------------|---|
| <b>Catalogue Number</b>  | 15353   |
| <b>Product</b>           | <b>Pentafluoro-L-<math>\beta</math>-homophenylalanine hydrochloride</b><br>L- $\beta$ -HomoPhe(F) <sub>5</sub> -OH·HCl<br><br>(S)-3-Amino-4-(pentafluorophenyl)butyric acid hydrochloride |
| <b>CAS Number</b>        | 270063-41-7   |
| <b>Molecular Formula</b> | C <sub>10</sub> H <sub>9</sub> ClF <sub>5</sub> NO <sub>2</sub>   |
| <b>Molecular Weight</b>  | 305.63  |
| <b>Appearance</b>        | White powder  |
| <b>Melting Point</b>     | 206-212 °C  |
| <b>TLC System</b>        | Butanol/Acetic acid/Water (4:1:2) Single spot<br>Chloroform/Methanol/Benzene/Water (8:8:8:1) Single spot<br>Visualized with: UV/Iodine  |
| <b>Optical Rotation</b>  | [ $\alpha$ ] <sub>D</sub> <sup>25</sup> = -9 $\pm$ 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**