

# Chem-Impex International, Inc.

---

**Tel:** (630) 766-2112

**E-mail:** sales@chemimpex.com

**Shipping and Correspondence:**

935 Dillon Drive

Wood Dale, IL 60191

**Fax:** (630) 766-2218

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

**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

---

## Certificate of Analysis


<b>Catalogue Number</b>	15365
<b>Product</b>	<b>3,4-Difluoro-L-β-homophenylalanine</b>
<b>Lot Number</b>	000705-446769
	L-β-HomoPhe(3,4-DiF)-OH•HCl (S)-3-Amino-4-(3,4-difluorophenyl)butyric acid hydrochloride
<b>CAS Number</b>	270063-53-1
<b>Molecular Formula</b>	C <sub>10</sub> H <sub>11</sub> F <sub>2</sub> NO <sub>2</sub> •HCl
<b>Molecular Weight</b>	251.66

---

<b>Appearance</b>	White solid
<b>Melting Point</b>	184 - 186 °C
<b>TLC System</b>	n-Butanol/Acetic acid/Water (4:1:2) Single spot Chloroform/Methanol/Benzene/Water (8:8:8:1) Single spot Visualised with: UV/Iodine
<b>Optical Rotation</b>	[α] <sub>D</sub> <sup>25</sup> = -18.6° (C=1 in DMF)
<b>Purity by HPLC</b>	98.1%
<b>Storage</b>	Store at 0-8 °C

**Remarks** See material safety data sheet for additional information  
For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



**Bala Kumar**  
**Quality Control Manager**