

# *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

---

## *Product Specifications*

<b>Catalogue Number</b>	02435
<b>Product</b>	<b><i>N<sup>α</sup>-Fmoc-N<sup>ε</sup>-2-chloro-Z-L-lysine</i></b> Fmoc-L-Lys(2-Cl-Z)-OH
<b>CAS Number</b>	133970-31-7
<b>Molecular Formula</b>	C <sub>29</sub> H <sub>29</sub> N <sub>2</sub> O <sub>6</sub> Cl
<b>Molecular Weight</b>	536.99
<hr/>	
<b>Appearance</b>	White powder
<b>Melting Point</b>	136-138 °C
<b>Optical Rotation</b>	[α] <sub>D</sub> = -9 to -11° (C=1 in DMF)
<b>Loss on Drying</b>	≤ 0.2%
<b>Free Amino Acids</b>	≤ 0.2%
<b>Other Enantiomer</b>	≤ 0.5%
<b>Purity by HPLC</b>	≥ 99%
<b>Storage</b>	Store at 0-8°C

**For Laboratory Use Only**