

# Chem-Impex International, Inc.

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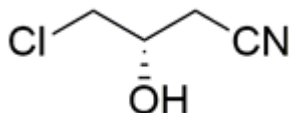
**Web site:** www.chemimpex.com

**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

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## Product Specifications

<b>Catalogue Number</b>	39421
<b>Product</b>	<b>(S)-(-)-4-Chloro-3-hydroxybutyronitrile</b>
<b>CAS Number</b>	127913-44-4
<b>Molecular Formula</b>	C <sub>4</sub> H <sub>6</sub> ClNO
<b>Molecular Weight</b>	119.55

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<b>Appearance</b>	Colorless to light yellow transparent liquid
<b>Flash Point</b>	110 °C
<b>Density</b>	1.25 g/mL
<b>Refractive Index</b>	n <sub>20/D</sub> 1.47
<b>Water Content (Karl Fisher)</b>	≤ 1%
<b>Optical Rotation</b>	[α] <sub>D</sub> <sup>20</sup> = -12 to -14 °
<b>Other Enantiomer</b>	≤ 0.5%
<b>Purity by GC</b>	≥ 98%
<b>Chiral Purity</b>	≥ 99.5% (ee)
<b>Storage</b>	Store at RT

**For Laboratory Use Only**