

# *Chem-Impex International, Inc.*

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## *Product Specifications*

<b>Catalogue Number</b>	39398
<b>Product</b>	<b>(S)-(+)-4-Isopropyl-3-propionyl-2-</b>
<b>CAS Number</b>	77877-19-1
<b>Molecular Formula</b>	C <sub>9</sub> H <sub>15</sub> NO <sub>3</sub>
<b>Molecular Weight</b>	185.22

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<b>Appearance</b>	Colorless clear liquid
<b>Density</b>	1.1 g/mL
<b>Refractive Index</b>	$n_{20D} = 1.47$
<b>Optical Rotation</b>	$[\alpha]_{20D} = 87 - 91^\circ$ (neat)
<b>Infrared Spectrum</b>	Conforms to structure
<b><sup>1</sup>H NMR</b>	Conforms to structure
<b>Purity by GC</b>	≥ 97%
<b>Chiral Purity</b>	≥ 98% (ee)
<b>Storage</b>	Store at 2 - 8 °C

**For Laboratory Use Only**