

# *Chem-Impex International, Inc.*

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**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

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## *Product Specifications*

<b>Catalogue Number</b>	39606
<b>Product</b>	<b>(R)-4-Chloromethyl-2,2-dimethyl-1,3-dioxolane</b>
<b>CAS Number</b>	57044-24-3
<b>Molecular Formula</b>	C <sub>6</sub> H <sub>11</sub> ClO <sub>2</sub>
<b>Molecular Weight</b>	150.6

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<b>Warnings</b>	<i>Moisture sensitive! Store under inert gas!</i>
<b>Appearance</b>	Colorless clear liquid
<b>Boiling point</b>	63 °C / 37 mmHg
<b>Flash Point</b>	51 °C
<b>Density</b>	1.1 g/mL
<b>Refractive Index</b>	$n_{20D} = 1.43$
<b>Optical Rotation</b>	$[\alpha]_{20D} = 40 - 48^\circ$ (neat)
<b>Infrared Spectrum</b>	Conforms to structure
<b>Purity by GC</b>	$\geq 98\%$
<b>Storage</b>	Store at RT

**For Laboratory Use Only**