

# 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>	39614
<b>Product</b>	<b>Dimethyl (-)-2,3-<i>O</i>-isopropylidene-<i>L</i>-tartrate</b> Dimethyl (4 <i>R</i> ,5 <i>R</i> )-2,2-Dimethyl-1,3-dioxolane-4,5-dicarboxylate (4 <i>R</i> ,5 <i>R</i> )-2,2-Dimethyl-1,3-dioxolane-4,5-dicarboxylic acid dimethyl
<b>CAS Number</b>	37031-29-1
<b>Molecular Formula</b>	C <sub>9</sub> H <sub>14</sub> O <sub>6</sub>
<b>Molecular Weight</b>	218.21

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<b>Warnings</b>	<i>Moisture sensitive! Store under inert gas!</i>
<b>Synonym 3</b>	(-)-2,3- <i>O</i> -Isopropylidene- <i>L</i> -tartaric acid dimethyl ester
<b>Appearance</b>	White, yellow or green clear liquid
<b>Boiling point</b>	139 °C / 16 mmHg
<b>Density</b>	1.19 g/mL
<b>Refractive Index</b>	$n_{20D} = 1.44$
<b>Optical Rotation</b>	$[\alpha]_{20D} = -51$ to $-57$ ° (neat)
<b><sup>1</sup>H NMR</b>	Conforms to structure
<b>Purity by GC</b>	≥ 95%
<b>Storage</b>	Store at RT

**For Laboratory Use Only**