

# 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>	41348
<b>Product</b>	<b>Ethyl (S)-(+)-3-(2,2-dimethyl-1,3-dioxolan-4-</b> Ethyl (S)- <i>trans</i> -3-(2,2-dimethyl-1,3-dioxolan-4-yl)propenoate Ethyl (S)- <i>trans</i> -4,5- <i>O</i> -isopropylidene-4,5-dihydroxy-2-pentenoate
<b>CAS Number</b>	64520-58-7
<b>Molecular Formula</b>	C <sub>10</sub> H <sub>16</sub> O <sub>4</sub>
<b>Molecular Weight</b>	200.23

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<b>Appearance</b>	Colorless to yellow liquid
<b>Boiling point</b>	115 - 117 °C / 12 mmHg (Lit.)
<b>Flash Point</b>	110 °C
<b>Density</b>	1.035 g / mL at 25 °C (Lit.)
<b>Refractive Index</b>	n <sup>20</sup> <sub>D</sub> = 1.450 (Lit.)
<b>Optical Rotation</b>	[α] <sup>20</sup> <sub>D</sub> = 40 - 46 ° (C = 0.5 in CHCl <sub>3</sub> )
<b>Infrared Spectrum</b>	Conforms to structure
<b>Purity by GC</b>	≥ 98.5%
<b>Storage</b>	Store at RT

**For Laboratory Use Only**