

# *Chem-Impex International, Inc.*

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## *Product Specifications*

<b>Catalogue Number</b>	39586
<b>Product</b>	<b>(1R,2R,3S,5R)-(-)-2,3-Pinenediol</b> (1R,2R,3S,5R)-2,6,6-Trimethylbicyclo[3.1.1]heptane-2,3-diol
<b>CAS Number</b>	22422-34-0
<b>Molecular Formula</b>	C <sub>10</sub> H <sub>18</sub> O <sub>2</sub>
<b>Molecular Weight</b>	170.25

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<b>Appearance</b>	White or off-white crystalline powder
<b>Solubility</b>	Soluble in methanol
<b>Melting Point</b>	54 - 58 °C
<b>Boiling point</b>	90 °C / 0.03 mmHg
<b>Optical Rotation</b>	[α] <sub>20D</sub> = -8 to -11 ° (C=6.5 in Toluene)
<b>Infrared Spectrum</b>	Conforms to structure
<b><sup>1</sup>H NMR</b>	Conforms to structure
<b>Purity by GC</b>	≥ 98%
<b>Storage</b>	Store at RT

**For Laboratory Use Only**