

# *Chem-Impex International, Inc.*

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## *Product Specifications*

<b>Catalogue Number</b>	39515
<b>Product</b>	<b>Shikimic acid</b> (3 <i>R</i> ,4 <i>S</i> ,5 <i>R</i> )-(-)-3,4,5-Trihydroxy-1-cyclohexene-1-carboxylic acid
<b>CAS Number</b>	138-59-0
<b>Molecular Formula</b>	C <sub>7</sub> H <sub>10</sub> O <sub>5</sub>
<b>Molecular Weight</b>	174.15

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<b>Warnings</b>	<i>Hygroscopic! Store under inert gas!</i>
<b>Appearance</b>	White or off-white solid
<b>Melting Point</b>	186 - 190 °C
<b>Optical Rotation</b>	[α] <sub>20D</sub> = -183 ± 2 ° (C=4 in H <sub>2</sub> O)
<b><sup>1</sup>H NMR</b>	Conforms to structure
<b>Purity</b>	≥ 98%
<b>Storage</b>	Store at RT

**For Laboratory Use Only**