

# *Chem-Impex International, Inc.*

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825 Dillon Drive

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## *Product Specifications*

<b>Catalogue Number</b>	39598
<b>Product</b>	<b>(R,R)-(+)-Hydrobenzoin</b> (R,R)-(+)-1,2-Diphenyl-1,2-ethanediol
<b>CAS Number</b>	52340-78-0
<b>Molecular Formula</b>	C <sub>14</sub> H <sub>14</sub> O <sub>2</sub>
<b>Molecular Weight</b>	214.26

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<b>Appearance</b>	White or off-white crystalline powder
<b>Melting Point</b>	146 - 150 °C
<b>Optical Rotation</b>	[α] <sub>20D</sub> = 90 - 96 ° (C=2 in EtOH)
<b>Infrared Spectrum</b>	Conforms to structure
<b><sup>1</sup>H NMR</b>	Conforms to structure
<b>Purity by GC</b>	≥ 99%
<b>Storage</b>	Store at RT

**For Laboratory Use Only**