

# *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>	39417
<b>Product</b>	<b>(R)-2-Hydroxy-4-phenylbutyric acid</b>
<b>CAS Number</b>	29678-81-7
<b>Molecular Formula</b>	C <sub>10</sub> H <sub>12</sub> O <sub>3</sub>
<b>Molecular Weight</b>	180.2

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<b>Appearance</b>	White or off-white crystalline powder
<b>Solubility</b>	Soluble in methanol
<b>Melting Point</b>	114 - 118 °C
<b>Optical Rotation</b>	[α] <sub>D</sub> <sup>20</sup> = -7 to -10 ° (C=1 in EtOH)
<b><sup>1</sup>H NMR</b>	Conforms to structure
<b>Assay by titration</b>	≥ 97% (Neutralization titration)
<b>Purity by GC</b>	≥ 97%
<b>Storage</b>	Store at RT

**For Laboratory Use Only**