

# *Chem-Impex International, Inc.*

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## *Product Specifications*

<b>Catalogue Number</b>	39477
<b>Product</b>	<b>(R)-3-Amino-1,2-propanediol</b>
<b>CAS Number</b>	66211-46-9
<b>Molecular Formula</b>	C <sub>3</sub> H <sub>9</sub> NO <sub>2</sub>
<b>Molecular Weight</b>	91.11

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<b>Warnings</b>	<i>Hygroscopic! Store under inert gas!</i>
<b>Appearance</b>	White, orange or green crystalline powder
<b>Solubility</b>	Soluble in methanol
<b>Melting Point</b>	54 - 56 °C
<b>Boiling point</b>	162 - 164 °C / 15 mmHg
<b>Optical Rotation</b>	[α] <sub>20D</sub> = 2 - 4 ° (C=5 in H <sub>2</sub> O)
<b><sup>1</sup>H NMR</b>	Conforms to structure
<b>Assay by titration</b>	≥ 95% (Nonaqueous titration)
<b>Purity by GC</b>	≥ 98%
<b>Storage</b>	Store at RT

**For Laboratory Use Only**