

# *Chem-Impex International, Inc.*

---

**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

---

## *Product Specifications*

<b>Catalogue Number</b>	39424
<b>Product</b>	<b>(R)-(+)-3-Butyn-2-ol</b> (R)-(+)-1-Butyn-3-ol
<b>CAS Number</b>	42969-65-3
<b>Molecular Formula</b>	C <sub>4</sub> H <sub>6</sub> O
<b>Molecular Weight</b>	70.09

---

<b>Appearance</b>	Colorless, slightly orange or yellow clear liquid
<b>Boiling point</b>	102 - 104 °C
<b>Flash Point</b>	26 °C
<b>Density</b>	0.89 g/mL
<b>Refractive Index</b>	$n_{20D} = 1.43$
<b>Optical Rotation</b>	$[\alpha]_{20D} = 44 - 49^\circ$ (neat)
<b>Infrared Spectrum</b>	Conforms to structure
<b>Purity by GC</b>	$\geq 98\%$
<b>Storage</b>	Store at 2 - 8 °C

**For Laboratory Use Only**