

# *Chem-Impex International, Inc.*

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## *Product Specifications*

<b>Catalogue Number</b>	41446
<b>Product</b>	<b>(R)-(-)-3-Hydroxytetrahydrofuran</b> (R)-(-)-Tetrahydro-3-furanol
<b>CAS Number</b>	86087-24-3
<b>Molecular Formula</b>	C <sub>4</sub> H <sub>8</sub> O <sub>2</sub>
<b>Molecular Weight</b>	88.11

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<b>Appearance</b>	Colorless to pale yellow liquid
<b>Boiling point</b>	181 °C (Lit.)
<b>Flash Point</b>	82 °C
<b>Density</b>	1.09 g/mL at 25 °C (Lit.)
<b>Refractive Index</b>	$n_D^{20}$ 1.45 (Lit.)
<b>Optical Rotation</b>	$[\alpha]_{20/D} = -64^\circ$ (C = 1 in DMSO)
<b>Infrared Spectrum</b>	Conforms to structure
<b>Purity by GC</b>	≥ 97%
<b>Storage</b>	Store at 2 - 8 °C

**For Laboratory Use Only**