

# *Chem-Impex International, Inc.*

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## *Product Specifications*

<b>Catalogue Number</b>	37500
<b>Product</b>	<b>(R)-(-)-<math>\alpha</math>-Methoxy-<math>\alpha</math>-(trifluoromethyl)</b> (R)-(-)-MTPA-Cl Mosher's acid chloride
<b>CAS Number</b>	39637-99-5
<b>Molecular Formula</b>	C <sub>10</sub> H <sub>8</sub> ClF <sub>3</sub> O <sub>2</sub>
<b>Molecular Weight</b>	252.62

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<b>Warnings</b>	<i>Moisture sensitive, Heat sensitive!</i>
<b>Appearance</b>	Colorless to almost colorless clear liquid
<b>Boiling point</b>	99 °C / 12 mmHg
<b>Flash Point</b>	89 °C
<b>Density</b>	1.35
<b>Refractive Index</b>	1.47
<b>Optical Rotation</b>	[ $\alpha$ ] <sup>20</sup> <sub>D</sub> = -149 ± 2 ° (C=2, Toluene)
<b>Assay by titration</b>	≥ 99%
<b>Purity by GC</b>	≥ 99%
<b>Chiral Purity</b>	≥ 99% (ee)
<b>Storage</b>	Store at 0 - 10 °C

**For Laboratory Use Only**