

# *Chem-Impex International, Inc.*

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## *Product Specifications*

<b>Catalogue Number</b>	39166
<b>Product</b>	<b>(-)-Fenchone</b> (-)-1,3,3-Trimethyl-2-norbornanone (1R)-1,3,3-Trimethylbicyclo[2.2.1]heptan-2-one
<b>CAS Number</b>	7787-20-4
<b>Molecular Formula</b>	C <sub>10</sub> H <sub>16</sub> O
<b>Molecular Weight</b>	152.24

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<b>Appearance</b>	Colorless to slightly yellow clear liquid
<b>Melting Point</b>	3 - 5 °C
<b>Boiling point</b>	193 °C
<b>Flash Point</b>	52 °C
<b>Density</b>	0.95
<b>Refractive Index</b>	1.46
<b>Optical Rotation</b>	[α] <sub>D</sub> <sup>20</sup> = -52.5 ° (neat)
<b>Infrared Spectrum</b>	Conforms to structure
<b><sup>1</sup>H NMR</b>	Conforms to structure
<b>Purity by GC</b>	≥ 98%
<b>Chiral Purity</b>	≥ 80% (ee)
<b>Storage</b>	Store at RT

**For Laboratory Use Only**