

# *Chem-Impex International, Inc.*

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## *Product Specifications*

<b>Catalogue Number</b>	41307
<b>Product</b>	<b>(+)-Cuparene</b> ( <i>R</i> )-1-( <i>p</i> -Tolyl)-1,2,2-trimethylcyclopentane ( <i>R</i> )-1-Methyl-4-(1,2,2-trimethylcyclopentyl)benzene
<b>CAS Number</b>	16982-00-6
<b>Molecular Formula</b>	C <sub>15</sub> H <sub>22</sub>
<b>Molecular Weight</b>	202.34

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<b>Boiling point</b>	275 °C (Lit.)
<b>Flash Point</b>	110 °C - closed cup
<b>Density</b>	0.937 g/mL at 20 °C (Lit.)
<b>Refractive Index</b>	n <sup>20</sup> <sub>D</sub> 1.523
<b>Optical Rotation</b>	[α] <sup>20</sup> <sub>D</sub> = 64 ± 2 ° (C=Neat)
<b>Purity by GC</b>	≥ 99%
<b>Chiral Purity</b>	≥ 99% (ee)
<b>Storage</b>	Store at 2 - 8 °C

**For Laboratory Use Only**