

# Chem-Impex International, Inc.

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## Product Specifications

<b>Catalogue Number</b>	40780
<b>Product</b>	<b>[RuCl(<i>p</i>-cymene)((<i>R</i>)-segphos®)]Cl</b> Chloro[ <i>(R)</i> -(+)-5,5'-bis(diphenylphosphino)-4,4'-bi-1,3-benzodioxole] <i>(R)</i> -RuCl[( <i>p</i> -cymene)(SEGPHOS®)]Cl
<b>CAS Number</b>	944451-28-9
<b>Molecular Formula</b>	C <sub>48</sub> H <sub>42</sub> Cl <sub>2</sub> O <sub>4</sub> P <sub>2</sub> Ru
<b>Molecular Weight</b>	916.78

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<b>Warnings</b>	<i>Air sensitive! Store under inert gas!</i>
<b>Appearance</b>	Orange, brown or dark red crystalline powder
<b>Optical Rotation</b>	[α] <sup>20</sup> <sub>D</sub> = 240 - 290 ° (C = 0.5 in Chloroform)
<b>Infrared Spectrum</b>	Conforms to structure
<b><sup>1</sup>H NMR</b>	Conforms to structure
<b><sup>31</sup>P NMR</b>	Conforms to structure
<b>Storage</b>	Store at 2 - 8 °C

**For Laboratory Use Only**