

# Chem-Impex International, Inc.

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## Product Specifications

<b>Catalogue Number</b>	40787
<b>Product</b>	<b>[RuCl(<i>p</i>-cymene)((<i>R</i>)-xylbinap)]Cl</b> Chloro[( <i>R</i> )-(+)-2,2'-bis[di(3,5-xylyl)phosphino]-1,1'-binaphthyl]( <i>p</i> - <i>R</i> )-RuCl[( <i>p</i> -cymene)(DM-BINAP)]Cl
<b>CAS Number</b>	944451-24-5
<b>Molecular Formula</b>	C <sub>62</sub> H <sub>62</sub> Cl <sub>2</sub> P <sub>2</sub> Ru
<b>Molecular Weight</b>	1041.1

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<b>Warnings</b>	<i>Air sensitive! Store under inert gas!</i>
<b>Appearance</b>	Light yellow to brown crystal
<b>Optical Rotation</b>	[α] <sub>D</sub> <sup>20</sup> = 325 to 405 ° (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**