

# *Chem-Impex International, Inc.*

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## *Product Specifications*

<b>Catalogue Number</b>	40802
<b>Product</b>	<b>RuCl<sub>2</sub>[(S)-dm-segphos®][(S)-daipen]</b> Dichloro[(S) - Dichloro[(S)-(-)-5,5'-bis[di(3,5-xylyl)]
<b>CAS Number</b>	944450-44-6
<b>Molecular Formula</b>	C <sub>65</sub> H <sub>70</sub> Cl <sub>2</sub> N <sub>2</sub> O <sub>6</sub> P <sub>2</sub> Ru
<b>Molecular Weight</b>	1209.2

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<b>Warnings</b>	<i>Air sensitive! Store under inert gas!</i>
<b>Appearance</b>	Slightly yellow to amber to dark green crystal
<b>Optical Rotation</b>	[α] <sub>D</sub> <sup>20</sup> = -385 to -315 ° (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**