

# *Chem-Impex International, Inc.*

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## *Product Specifications*

<b>Catalogue Number</b>	50870
<b>Product</b>	<b>Chloro(2-dicyclohexylphosphino-2',6'-dimethoxy-1,1'-biphenyl)[2-(2'-amino-1,1'-biphenyl)]palladium(II)</b>
<b>CAS Number</b>	SPhos Pd G2 1375325-64-6
<b>Molecular Formula</b>	C <sub>38</sub> H <sub>45</sub> ClNO <sub>2</sub> PPd
<b>Molecular Weight</b>	720.62
<b>Appearance</b>	Off-white to light yellow solid
<b>Elemental Analysis (Found)</b>	C = 63.3 ± 3.0%
<b>Infrared Spectrum</b>	Conforms to structure
<b>Residual Solvents</b>	Methyl tert-butyl ether : ≤ 10%
<b><sup>1</sup>H NMR</b>	Conforms to structure
<b><sup>31</sup>P NMR</b>	Conforms to structure
<b>Assay</b>	14.8 ± 1.0% (Pd)
<b>Purity</b>	≥ 95% (based Carbon %)
<b>Storage</b>	Store at 0 - 8 °C

**For Laboratory Use Only**