

# *Chem-Impex International, Inc.*

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**Tel:** (630) 766-2112

**E-mail:** sales@chemimpex.com

**Shipping and Correspondence:**

935 Dillon Drive

Wood Dale, IL 60191

**Fax:** (630) 766-2218

**Web site:** www.chemimpex.com

**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

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## *Product Specifications*

<b>Catalogue Number</b>	50886
<b>Product</b>	<b>[(4,5-Bis(diphenylphosphino)-9,9-dimethylxanthene)-2-(2'-amino-1,1'-biphenyl)]palladium(II) methanesulfonate</b>
<b>CAS Number</b>	XantPhos Pd G3 1445085-97-1
<b>Molecular Formula</b>	C <sub>52</sub> H <sub>45</sub> NO <sub>4</sub> P <sub>2</sub> PdS
<b>Molecular Weight</b>	948.35
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<b>Appearance</b>	Yellow to green solid
<b>Infrared Spectrum</b>	Conforms to structure
<b>Residual Solvents</b>	≤ 10%
<b><sup>1</sup>H NMR</b>	Conforms to structure
<b><sup>31</sup>P NMR</b>	Conforms to structure
<b>Assay</b>	11.2 ± 1.0% (Pd)
<b>Purity</b>	≥ 95% (based on NMR) excluding solvent)
<b>Storage</b>	Store at 0 - 8 °C

**For Laboratory Use Only**