

# *Chem-Impex International, Inc.*

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## *Product Specifications*

<b>Catalogue Number</b>	50889
<b>Product</b>	<b>Methanesulfonato 1,1-ferrocenediyl-bis(diphenylphosphino) (2'-amino1,1'-biphenyl-2-yl) palladium(II)</b>
<b>CAS Number</b>	DPPF Pd G3 1445086-28-1
<b>Molecular Formula</b>	C <sub>47</sub> H <sub>41</sub> FeNO <sub>3</sub> P <sub>2</sub> PdS
<b>Molecular Weight</b>	924.11
<b>Appearance</b>	White to light yellow solid
<b>Elemental Analysis (Found)</b>	C = 61.1 ± 3.1%
<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>Assay</b>	11.5 ± 1.0% (Pd)
<b>Purity</b>	≥ 95% (based Carbon %)
<b>Storage</b>	Store at 0 - 8 °C

**For Laboratory Use Only**