

# *Chem-Impex International, Inc.*

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## *Product Specifications*

<b>Catalogue Number</b>	50871
<b>Product</b>	<b>[(2-Di-<i>tert</i>-butylphosphino-2',4',6'-triisopropyl-1,1'-biphenyl)-2-(2'-amino-1,1'-biphenyl)] palladium(II) methanesulfonate</b>
<b>CAS Number</b>	tBuXPhos Pd G3 1447963-75-8
<b>Molecular Formula</b>	C <sub>42</sub> H <sub>58</sub> NO <sub>3</sub> PPdS
<b>Molecular Weight</b>	794.37
<b>Appearance</b>	Yellow to brown powder
<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>	13.4 ± 1.0% (Pd)
<b>Purity</b>	≥ 95% ( <sup>1</sup> H NMR)
<b>Storage</b>	Store at 0 - 8 °C

**For Laboratory Use Only**