

# *Chem-Impex International, Inc.*

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## *Product Specifications*

<b>Catalogue Number</b>	41167
<b>Product</b>	<b>(R)-N,N-Dimethyl-1-[(S)-1',2- [R,R]-1-[1-Dimethylaminoethyl]-1',2-bis[diphenylphosphino] (R)-(S)-BPPFA</b>
<b>CAS Number</b>	74311-56-1
<b>Molecular Formula</b>	C <sub>38</sub> H <sub>37</sub> FeNP <sub>2</sub>
<b>Molecular Weight</b>	625.51

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<b>Warnings</b>	<i>Light sensitive!</i>
<b>Appearance</b>	Light yellow to brown crystal
<b>Melting Point</b>	138 - 144 °C
<b>Optical Rotation</b>	[ $\alpha$ ] <sub>D</sub> <sup>20</sup> = -360 to -330 ° (C = 0.5 in CHCl <sub>3</sub> )
<b><sup>1</sup>H NMR</b>	Conforms to structure
<b>Purity by GC</b>	≥ 98%
<b>Purity by HPLC</b>	≥ 98%
<b>Chiral Purity</b>	≥ 98% (ee)
<b>Storage</b>	Store at RT

**For Laboratory Use Only**