

# *Chem-Impex International, Inc.*

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## *Product Specifications*

<b>Catalogue Number</b>	41157
<b>Product</b>	<b>(S)-N,N-Dimethyl-1-[(R)-1',2-(S)-(R)-BPPFA</b>
<b>CAS Number</b>	55650-59-4
<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>	140 - 144 °C
<b>Optical Rotation</b>	[α] <sub>D</sub> <sup>20</sup> = 330 - 360 ° (C = 0.5 in CHCl <sub>3</sub> )
<b><sup>1</sup>H NMR</b>	Conforms to structure
<b>Purity by GC</b>	≥ 95%
<b>Purity by HPLC</b>	≥ 98%
<b>Chiral Purity</b>	≥ 98% (ee)
<b>Storage</b>	Store at RT

**For Laboratory Use Only**