

# *Chem-Impex International, Inc.*

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## *Product Specifications*

<b>Catalogue Number</b>	40996
<b>Product</b>	<b>(1S)-3-(1,10-Phenanthrolin-2-yl)-2'-phenyl-</b>
<b>CAS Number</b>	1621903-81-8
<b>Molecular Formula</b>	C <sub>38</sub> H <sub>24</sub> N <sub>2</sub> O
<b>Molecular Weight</b>	524.62

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<b>Appearance</b>	White to orange to light green powder
<b>Elemental Analysis (Theory)</b>	N = 5.10 - 5.60%
<b>Optical Rotation</b>	[ $\alpha$ ] <sub>D</sub> <sup>20</sup> = 19 - 21 ° (C = 1.0 in CHCl <sub>3</sub> )
<b>Purity by HPLC</b>	≥ 97%
<b>Storage</b>	Store at RT

**For Laboratory Use Only**