

# *Chem-Impex International, Inc.*

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## *Product Specifications*

<b>Catalogue Number</b>	39360
<b>Product</b>	<b>Clodinafop-propargyl</b> 2-Propynyl ( <i>R</i> )-2-[4-(5-chloro-3-fluoro-2-pyridinyloxy)phenoxy] ( <i>R</i> )-2-[4-(5-Chloro-3-fluoro-2-pyridinyloxy)phenoxy]propanoic acid
<b>CAS Number</b>	105512-06-9
<b>Molecular Formula</b>	C <sub>17</sub> H <sub>13</sub> ClFNO <sub>4</sub>
<b>Molecular Weight</b>	349.74

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<b>Appearance</b>	White or slightly yellow crystalline powder
<b>Solubility</b>	Soluble in ethanol, acetone, toluene
<b>Melting Point</b>	57 - 61 °C
<b>Optical Rotation</b>	[α] <sub>20D</sub> = 45 - 50 ° (C=2 in Acetone)
<b><sup>1</sup>H NMR</b>	Conforms to structure
<b>Purity by HPLC</b>	≥ 96%
<b>Purity</b>	≥ 98% (with total Nitrogen)
<b>Storage</b>	Store at RT

**For Laboratory Use Only**