

# *Chem-Impex International, Inc.*

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825 Dillon Drive

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## *Product Specifications*

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<b>Catalogue Number</b>	39379
<b>Product</b>	<b>Rotenone</b>
<b>CAS Number</b>	83-79-4
<b>Molecular Formula</b>	C <sub>23</sub> H <sub>22</sub> O <sub>6</sub>
<b>Molecular Weight</b>	394.42

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<b>Appearance</b>	White, slightly yellow or orange crystalline powder
<b>Solubility</b>	Soluble in ether, chloroform, alcohol, acetone
<b>Melting Point</b>	183 °C
<b>Boiling point</b>	220 °C / 0.5 mmHg
<b>Optical Rotation</b>	[ $\alpha$ ] <sub>20D</sub> = -113 to -117 ° (C=1 in CHCl <sub>3</sub> )
<b>Infrared Spectrum</b>	Conforms to structure
<b><sup>1</sup>H NMR</b>	Conforms to structure
<b>Purity by HPLC</b>	≥ 95%
<b>Storage</b>	Store at RT

**For Laboratory Use Only**