

# *Chem-Impex International, Inc.*

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## *Product Specifications*

<b>Catalogue Number</b>	39195
<b>Product</b>	<b>13-<i>cis</i>-Retinoic acid</b> (2Z,4E,6E,8E)-3,7-Dimethyl-9-(2,6,6-trimethyl-1-cyclohexen-1-ylidene)-2,3-dihydro-2H-isochroman-2-one Isotretinoin
<b>CAS Number</b>	4759-48-2
<b>Molecular Formula</b>	C <sub>20</sub> H <sub>28</sub> O <sub>2</sub>
<b>Molecular Weight</b>	300.44

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<b>Warnings</b>	<i>Light Sensitive! Air Sensitive! Heat Sensitive! Store under inert gas!</i>
<b>Appearance</b>	Orange to brown crystalline powder
<b>Melting Point</b>	175 °C
<b>Infrared Spectrum</b>	Conforms to structure
<b>Assay by titration</b>	≥ 97%
<b>Purity by HPLC</b>	≥ 97%
<b>Storage</b>	Store at ≤ -10 °C
<b>Additional Information</b>	λ <sub>max</sub> = 354 nm (EtOH)

**For Laboratory Use Only**