

# Chem-Impex International, Inc.

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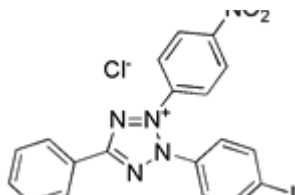
**Web site:** www.chemimpex.com

**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

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## Product Specifications

<b>Catalogue Number</b>	00193
<b>Product</b>	<b>4-Iodonitrotetrazolium violet</b> 2-(4-Iodophenyl)-3-(4-nitrophenyl)-5-phenyltetrazolium chloride INT
<b>CAS Number</b>	146-68-9
<b>Molecular Formula</b>	C <sub>19</sub> H <sub>13</sub> ClIN <sub>5</sub> O <sub>2</sub>
<b>Molecular Weight</b>	505.7

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<b>Appearance</b>	Creamish to light yellow crystalline powder
<b>Solubility</b>	Clear, yellow to yellow green solution (4 mg/mL in water)
<b>Melting Point</b>	238 - 240 °C
<b>UV Ratios</b>	$\lambda_{max}$ = 248 - 250 nm
<b>Loss on Drying</b>	≤ 2%
<b>Residue On Ignition</b>	To pass test
<b>Purity by HPLC</b>	≥ 99%
<b>Storage</b>	Store at RT

**For Laboratory Use Only**