

# *Chem-Impex International, Inc.*

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## *Product Specifications*

<b>Catalogue Number</b>	47330
<b>Product</b>	<b>Protoporphyrin IX dimethyl ester</b> Ooporphyrin dimethyl ester Dimethyl 8,13-divinyl-3,7,12,17-tetramethyl-21 <i>H</i> ,23 <i>H</i> porphine-2,18-
<b>CAS Number</b>	5522-66-7
<b>Molecular Formula</b>	C <sub>36</sub> H <sub>38</sub> N <sub>4</sub> O <sub>4</sub>
<b>Molecular Weight</b>	590.72

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<b>Appearance</b>	Purple solid
<b>Melting Point</b>	225 - 228 °C
<b><sup>1</sup>H NMR</b>	Conforms to structure
<b>Purity</b>	≥ 98%
<b>Application</b>	Protoporphyrin IX dimethyl ester has been demonstrated to a potent photosensitizer of human nasopharyngeal carcinoma
<b>Storage</b>	Store at RT

**For Laboratory Use Only**