

# *Chem-Impex International, Inc.*

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## *Product Specifications*

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<b>Catalogue Number</b>	41938
<b>Product</b>	<b>Coproporphyrin I tetramethyl ester</b> Tetramethyl 3,8,13,18-tetramethyl-21 <i>H</i> ,23 <i>H</i> -porphine-2,7,12,17-
<b>CAS Number</b>	25767-20-8
<b>Molecular Formula</b>	C <sub>40</sub> H <sub>46</sub> N <sub>4</sub> O <sub>8</sub>
<b>Molecular Weight</b>	710.82

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<b>Appearance</b>	Purple or brown powder
<b>Solubility</b>	Dark red solution 10 mg/mL in chloroform
<b>Melting Point</b>	252 - 254 °C (Lit.)
<b><sup>19</sup>F NMR</b>	Conforms to structure
<b>Purity by HPLC</b>	≥ 90%
<b>Grade</b>	suitable for Hematology & Histology
<b>Storage</b>	Store at RT
<b>Additional Information</b>	ε (extinction coefficient) = 1,900-2,500 (1%, chloroform, λ = 400 nm)

**For Laboratory Use Only**