

# *Chem-Impex International, Inc.*

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825 Dillon Drive

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## *Product Specifications*

<b>Catalogue Number</b>	42031
<b>Product</b>	<b>Pinacyanol bromide</b> 1,1'-Diethyl-2,2'-carbocyanine bromide 2,2'-Trimethinequinocyanine bromide
<b>CAS Number</b>	2670-67-9
<b>Molecular Formula</b>	C <sub>25</sub> H <sub>25</sub> BrN <sub>2</sub>
<b>Molecular Weight</b>	433.38

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<b>Warnings</b>	<i>Hygroscopic!</i>
<b>Appearance</b>	Green or very dark green powder
<b>Melting Point</b>	286 °C (dec.) (Lit.)
<b>Infrared Spectrum</b>	Conforms to structure
<b>Dye content</b>	≥ 95%
<b>Purity by HPLC</b>	≥ 94.5%
<b>Storage</b>	Store at RT
<b>Additional Information</b>	$\lambda_{\max} = 607 \text{ nm}$

**For Laboratory Use Only**