

# Chem-Impex International, Inc.

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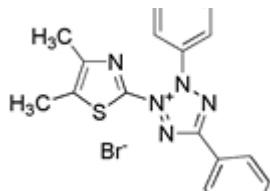
**Web site:** www.chemimpex.com

**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

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## Product Specifications

<b>Catalogue Number</b>	00697
<b>Product</b>	<b>Thiazolyl Blue Tetrazolium Bromide</b> 3-(4,5-Dimethyl-2-thiazolyl)-2,5-diphenyl-2H-tetrazolium bromide Methylthiazoletetrazolium
<b>CAS Number</b>	298-93-1
<b>Molecular Formula</b>	C <sub>18</sub> H <sub>16</sub> N <sub>5</sub> SBr
<b>Molecular Weight</b>	414.33

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<b>Appearance</b>	Yellow crystalline powder
<b>Solubility</b>	Clear to very slightly hazy, yellow to bright yellow solution (5 mg/mL in water)
<b>Infrared Spectrum</b>	Conforms to structure
<b>UV Ratios</b>	Absorption (in water) : $\lambda_{\max}$ 239 - 247 nm
<b>Purity by HPLC</b>	≥ 99%
<b>Storage</b>	Store at 0 - 8 °C

**For Laboratory Use Only**