

# Chem-Impex International, Inc.

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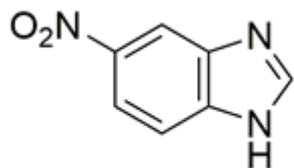
**Web site:** www.chemimpex.com

**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

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## Product Specifications

<b>Catalogue Number</b>	42618
<b>Product</b>	<b>5-Nitrobenzimidazole</b>
<b>CAS Number</b>	94-52-0
<b>Molecular Formula</b>	C <sub>7</sub> H <sub>5</sub> N <sub>3</sub> O <sub>2</sub>
<b>Molecular Weight</b>	163.14

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<b>Appearance</b>	Off-white to brownish powder
<b>Solubility</b>	Insoluble in water. Dark yellow to orange color solution in 10% Acetic acid
<b>Melting Point</b>	205 - 210 °C
<b>Water Content (Karl Fisher)</b>	≤ 0.5%
<b>pH</b>	5 - 8
<b>Sulfated Ash</b>	≤ 0.4%
<b>Assay</b>	≥ 98.5% (HPLC)
<b>Purity by HPLC</b>	≥ 98%
<b>Storage</b>	Store at RT

**For Laboratory Use Only**