

# Chem-Impex International, Inc.

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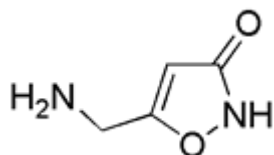
**Web site:** www.chemimpex.com

**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

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## Product Specifications

<b>Catalogue Number</b>	09524
<b>Product</b>	<b>5-(Aminomethyl)-3(2H)-isoxazolone</b> Muscimol Pantherine
<b>CAS Number</b>	2763-96-4
<b>Molecular Formula</b>	C <sub>4</sub> H <sub>6</sub> N <sub>2</sub> O <sub>2</sub>
<b>Molecular Weight</b>	114.1

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<b>Appearance</b>	Beige powder
<b>Appearance of Solution</b>	Clear colorless solution (50 mg/mL in water)
<b>Melting Point</b>	177 - 184 °C
<b>Water Content (Karl Fisher)</b>	≤ 7%
<b>TLC System</b>	n-butanol/Acetic acid/Water (4/2/2) Ethylacetate/Pyridine/Acetic acid/Water (60/60/12/36) Chloroform/Methanol/Acetic acid 32% (5/3/1) Plate : Silica gel 60 F <sub>254</sub> Detected by : UV, Ninhydrin, chlorine-tolidine
<b>Assay</b>	≥ 93% (Nth 24.55% by elemental analysis)
<b>Purity by TLC</b>	≥ 98%
<b>Storage</b>	Store at 0 - 8 °C

**For Laboratory Use Only**