

# *Chem-Impex International, Inc.*

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**Tel:** (630) 766-2112

**E-mail:** sales@chemimpex.com

**Shipping and Correspondence:**

935 Dillon Drive

Wood Dale, IL 60191

**Fax:** (630) 766-2218

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

**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

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## *Product Specifications*

<b>Catalogue Number</b>	47458
<b>Product</b>	<b>4-Chloro-7-nitro-2,1,3-benzoxadiazole</b> 4-Chloro-7-nitrobenzofurazan NBD-Cl
<b>CAS Number</b>	10199-89-0
<b>Molecular Formula</b>	C <sub>6</sub> H <sub>2</sub> ClN <sub>3</sub> O <sub>3</sub>
<b>Molecular Weight</b>	199.55

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<b>Appearance</b>	Pale yellow to yellow powder
<b>Solubility</b>	Almost transparent in methanol
<b>Melting Point</b>	97 - 100 °C
<b>Optical Rotation</b>	[α] <sub>20</sub> /D = -90 to -100 ° (C=1 in Methanol)
<b>Infrared Spectrum</b>	Conforms to structure
<b>Assay by titration</b>	≥ 98%
<b>Storage</b>	Store at 2 - 8 °C

**For Laboratory Use Only**