

# *Chem-Impex International, Inc.*

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825 Dillon Drive

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## *Product Specifications*

<b>Catalogue Number</b>	43915
<b>Product</b>	<b>1,4-Dihydro-4-oxoquinoline-3-carboxylic acid</b>
<b>CAS Number</b>	13721-01-2
<b>Molecular Formula</b>	C <sub>10</sub> H <sub>7</sub> NO <sub>3</sub>
<b>Molecular Weight</b>	189.17

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<b>Appearance</b>	White to light yellow crystalline powder
<b>Melting Point</b>	265 °C (dec.)
<b>Infrared Spectrum</b>	Conforms to structure
<b><sup>1</sup>H NMR</b>	Conforms to structure
<b>Assay by titration</b>	≥ 98%
<b>Purity by HPLC</b>	≥ 98%
<b>Storage</b>	Store at RT
<b>Additional Information</b>	λ <sub>max</sub> = 310(DMSO) nm

**For Laboratory Use Only**