

# *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>	43218
<b>Product</b>	<b>4-[2-(2-Amino-4,7-dihydro-4-oxo-3H-</b> 2-Amino-4,7-dihydro-5-[2-[4-(carboxy)phenyl]ethyl]-4-oxo-3H-
<b>CAS Number</b>	137281-39-1
<b>Molecular Formula</b>	C <sub>15</sub> H <sub>14</sub> N <sub>4</sub> O <sub>3</sub>
<b>Molecular Weight</b>	298.3

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<b>Appearance</b>	White to gray to dark blue crystalline powder
<b>Solubility</b>	Slightly soluble in dimethylformamide
<b>Melting Point</b>	>270 °C
<b>Density</b>	1.6
<b>Refractive Index</b>	$n_D^{20}$ 1.74
<b>Water Content (Karl Fisher)</b>	4 - 8%
<b><sup>1</sup>H NMR</b>	Conforms to structure
<b>Assay by titration</b>	≥ 98% (calcd.on anh.substance)
<b>Purity by HPLC</b>	≥ 98%
<b>Storage</b>	Store at RT

**For Laboratory Use Only**