

# Chem-Impex International, Inc.

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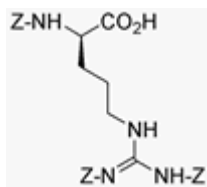
**Web site:** www.chemimpex.com

**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

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## Product Specifications

<b>Catalogue Number</b>	03837
<b>Product</b>	<b>N<sup>α</sup>.N<sup>ω</sup>.N<sup>ω'</sup>-Tris-Z-D-arginine</b> Z-D-Arg(Z) <sub>2</sub> -OH
<b>CAS Number</b>	1947-42-8, 104321-57-5
<b>Molecular Formula</b>	C <sub>30</sub> H <sub>32</sub> N <sub>4</sub> O <sub>8</sub>
<b>Molecular Weight</b>	576.6

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<b>Appearance</b>	Yellowish powder
<b>Solubility</b>	Clear, yellowish solution (25 mg/mL in Methanol)
<b>Melting Point</b>	135 - 139 °C
<b>Elemental Analysis (Theory)</b>	C = 62.5 ± 0.5%; H = 5.6 ± 0.5%; N = 9.7 ± 0.5%
<b>Water Content (Karl Fisher)</b>	≤ 0.5%
<b>TLC System</b>	Toluene/Dioxane/Acetic acid (95:25:4) Chloroform/Methanol/Toluene/H <sub>2</sub> O (8:8:8:1) Plate: Silicagel 60 F <sub>254</sub> Detected by: UV, ninhydrin, chlorine-tolidine
<b>Assay</b>	≥ 99% (Elemental Analysis Cth : 62.49%)
<b>Purity by TLC</b>	≥ 98%
<b>Storage</b>	Store at 0 - 8 °C

**For Laboratory Use Only**