

# Chem-Impex International, Inc.

---

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

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

**Shipping and Correspondence:**

935 Dillon Drive

Wood Dale, IL 60191

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

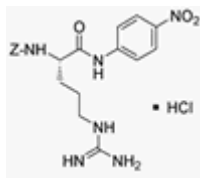
**Web site: www.chemimpex.com**

**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

---



## Product Specifications

<b>Catalogue Number</b>	02138
<b>Product</b>	<b><i>N</i><sup>α</sup>-Z-L-arginine-4-nitroanilide hydrochloride</b>
	Z-L-Arg-pNA•HCl
<b>CAS Number</b>	59188-53-3
<b>Molecular Formula</b>	C <sub>20</sub> H <sub>24</sub> N <sub>6</sub> O <sub>5</sub> •HCl
<b>Molecular Weight</b>	464.9
<hr/>	
<b>Appearance</b>	Yellowish powder
<b>Melting Point</b>	177-182 °C
<b>Optical Rotation</b>	[α] <sub>D</sub> <sup>20</sup> = -11 ± 2° (C=0.5 in EtOH)
<b>Assay by titration</b>	≥ 99%
<b>Purity by HPLC</b>	≥ 99%
<b>Purity by TLC</b>	≥ 99%
<b>Storage</b>	Store at 0-8 °C

**For Laboratory Use Only**