

# *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>	16122
<b>Product</b>	<b>L-Arginine 4-nitroanilide dihydrobromide</b> L-Arg-pNA•2HBr
<b>CAS Number</b>	61876-73-1, 6154-84-3
<b>Molecular Formula</b>	C <sub>12</sub> H <sub>18</sub> N <sub>6</sub> O <sub>3</sub> •2HBr
<b>Molecular Weight</b>	456.2

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<b>Appearance</b>	Off-white powder
<b>Melting Point</b>	230 - 250 °C (dec.)
<b>Optical Rotation</b>	[α] <sub>D</sub> <sup>20</sup> = 58.5 - 64.0 ° (C=0.6 in H <sub>2</sub> O)
<b>Assay by titration</b>	98 - 101%
<b>Purity by HPLC</b>	≥ 99%
<b>Purity by TLC</b>	≥ 99%
<b>Storage</b>	Store at 0 - 8 °C

**For Laboratory Use Only**