

# *Chem-Impex International, Inc.*

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## *Product Specifications*

<b>Catalogue Number</b>	05452
<b>Product</b>	<b><i>N</i><sup>α</sup><i>.</i><b><i>N</i><sup>ω</sup><i>.</i><b><i>N</i><sup>ω'</sup><i>-Tris-Boc-L-arginine</i></b> Boc-L-Arg(Boc)<sub>2</sub>-OH</b></b>
<b>CAS Number</b>	97745-69-2
<b>Molecular Formula</b>	C <sub>21</sub> H <sub>38</sub> N <sub>4</sub> O <sub>8</sub>
<b>Molecular Weight</b>	474.56

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<b>Appearance</b>	White powder
<b>Appearance of Solution</b>	Clear, colorless solution (50 mg/mL in Methanol)
<b>TLC System</b>	Chloroform/Methanol/Acetic Acid/water (45:13:1:2) Toluene/Dioxane/Acetic acid (95:25:4) Chloroform/Methanol/Toluene/water (8:8:8:1) Plate : Silicagel 60 F <sub>254</sub> Detected by : UV, ninhydrin, TMB
<b>Related Substances</b>	≤ 5% Boc-Arg(Boc)-OH
<b>Assay by titration</b>	99 - 101% (TBAH)
<b>Purity by HPLC</b>	≥ 97%
<b>Purity by TLC</b>	≥ 95%
<b>Storage</b>	Store at ≤ -15 °C

**For Laboratory Use Only**