

# *Chem-Impex International, Inc.*

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## *Product Specifications*

<b>Catalogue Number</b>	05454
<b>Product</b>	<b><i>N</i><sup>α</sup>-Boc-<i>N</i><sup>ω</sup>-(mesitylene-2-sulfonyl)-L-arginine cyclohexylammonium salt</b> Boc-L-Arg(Mts)-OH•CHA
<b>CAS Number</b>	68262-71-5
<b>Molecular Formula</b>	C <sub>20</sub> H <sub>32</sub> N <sub>4</sub> O <sub>6</sub> S•C <sub>6</sub> H <sub>13</sub> N
<b>Molecular Weight</b>	555.74
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<b>Appearance</b>	White powder
<b>Solubility</b>	Clear solution (0.3g in 2mL MeOH)
<b>Water Content (Karl Fisher)</b>	≤ 2%
<b>Optical Rotation</b>	[α] <sub>D</sub> <sup>20</sup> = 11.5 ± 2 ° (C=1 in MeOH)
<b>Infrared Spectrum</b>	Conforms to structure
<b>Analysis by Mass Spectra</b>	Conforms to standard
<b>Loss on Drying</b>	≤ 2% (50 °C, 2h)
<b><sup>1</sup>H NMR</b>	Conforms to structure
<b>Purity by HPLC</b>	≥ 99%
<b>Storage</b>	Store at 0 - 8 °C

**For Laboratory Use Only**