

# *Chem-Impex International, Inc.*

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## *Product Specifications*

<b>Catalogue Number</b>	01363
<b>Product</b>	<b><i>N</i><sup>α,ε</sup>-Bis-Boc-L-lysine dicyclohexylammonium salt</b> Boc-L-Lys(Boc)-OH•DCHA
<b>CAS Number</b>	15098-69-8
<b>Molecular Formula</b>	C <sub>16</sub> H <sub>30</sub> N <sub>2</sub> O <sub>6</sub> •C <sub>12</sub> H <sub>23</sub> N
<b>Molecular Weight</b>	527.7
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<b>Appearance</b>	White to off-white powder
<b>Solubility</b>	Clear solution (0.3 g in 2 ml DCM)
<b>Melting Point</b>	139-144 °C
<b>Water Content (Karl Fisher)</b>	≤ 1.0%
<b>Optical Rotation</b>	[α] <sub>D</sub> <sup>20</sup> = -5 ± 2° (C=4 in AcOH)
<b>Infrared Spectrum</b>	Conforms to structure
<b>Analysis by Mass Spectra</b>	Conforms to standard
<b>Loss on Drying</b>	≤ 1.0% (70 °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**