

# *Chem-Impex International, Inc.*

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## *Product Specifications*

<b>Catalogue Number</b>	14792
<b>Product</b>	<b><i>N</i><sup>α</sup>-<i>t</i>-Butoxycarbonyl-<i>N</i><sup>ε</sup>-(2-picolinoyl)-L-lysine</b>  Boc-L-Lys(2-picolinoyl)-OH
<b>CAS Number</b>	122532-80-3
<b>Molecular Formula</b>	C <sub>17</sub> H <sub>25</sub> N <sub>3</sub> O <sub>5</sub>
<b>Molecular Weight</b>	351.4
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<b>Appearance</b>	Off-white powder
<b>Solubility</b>	Clear colorless solution (50mg/mL in Methanol)
<b>Elemental Analysis (Theory)</b>	C = 58.10%; H = 7.2%; N = 12.0%
<b>Elemental Analysis (Found)</b>	C = 58.10 ± 0.5%; H = 7.2 ± 0.5%; N = 11.80 ± 0.5%
<b>TLC System</b>	Chloroform/Methanol/Benezene/Water (8:8:8:1) Chloroform/Methanol/Acetic acid (85:10:5) Plate: Silica gel 60 F <sub>254</sub> Detected by chlorine-toluidine
<b>Purity by TLC</b>	≥ 99%
<b>Storage</b>	Store at 0-8°C

**For Laboratory Use Only**