

# *Chem-Impex International, Inc.*

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## *Product Specifications*

<b>Catalogue Number</b>	05368
<b>Product</b>	<b><i>N</i><sup>δ</sup>-Boc-D-ornithine</b>
	D-Orn(Boc)-OH
<b>CAS Number</b>	184576-63-4
<b>Molecular Formula</b>	C <sub>10</sub> H <sub>20</sub> N <sub>2</sub> O <sub>4</sub>
<b>Molecular Weight</b>	232.3
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<b>Appearance</b>	White powder
<b>Melting Point</b>	219-226 °C
<b>Water Content (Karl Fisher)</b>	≤ 1.0%
<b>Optical Rotation</b>	[α] <sub>D</sub> <sup>20</sup> = -4.0 ± 2° (C=2 in H <sub>2</sub> O)
<b>Infrared Spectrum</b>	Conforms to structure
<b>Analysis by Mass Spectra</b>	Conforms to standard
<b>Loss on Drying</b>	≤ 1.0% (80 °C, 2 hr)
<b><sup>1</sup>H NMR</b>	Conforms to structure
<b>Purity by HPLC</b>	≥ 98%
<b>Storage</b>	Store at 0-8 °C

**For Laboratory Use Only**