

# *Chem-Impex International, Inc.*

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## *Product Specifications*

<b>Catalogue Number</b>	00645
<b>Product</b>	<b><i>N</i><sup>α</sup>-Boc-<i>N</i><sup>in</sup>-formyl-L-tryptophan</b>
	Boc-L-Trp(For)-OH
<b>CAS Number</b>	47355-10-2
<b>Molecular Formula</b>	C <sub>17</sub> H <sub>20</sub> N <sub>2</sub> O <sub>5</sub>
<b>Molecular Weight</b>	332.36

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<b>Appearance</b>	Light tan powder
<b>Melting Point</b>	113 - 118 °C
<b>Optical Rotation</b>	[α] <sup>20</sup> <sub>D</sub> = 17 - 22 ° (C=2 in Ethanol)
<b>Infrared Spectrum</b>	Conforms to structure
<b>Loss on Drying</b>	≤ 0.5%
<b>Chiral HPLC</b>	≥ 98.5% (ee)
<b>D-Enantiomer</b>	≤ 1.5%
<b>Purity by HPLC</b>	≥ 99%
<b>Storage</b>	Store at 0 - 8 °C

**For Laboratory Use Only**