

# *Chem-Impex International, Inc.*

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## *Product Specifications*

<b>Catalogue Number</b>	04023
<b>Product</b>	<b><i>N</i><sup>α</sup>-Boc-L-tryptophan <i>N</i>-hydroxysuccinimide ester</b> Boc-L-Trp-OSu
<b>CAS Number</b>	3392-11-8
<b>Molecular Formula</b>	C <sub>20</sub> H <sub>23</sub> N <sub>3</sub> O <sub>6</sub>
<b>Molecular Weight</b>	401.42
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<b>Appearance</b>	White to off-white powder
<b>Solubility</b>	Clear solution (0.3 g in 2mL DMF)
<b>Melting Point</b>	141-146 °C
<b>Water Content (Karl Fisher)</b>	≤ 1%
<b>Infrared Spectrum</b>	Conforms to structure
<b>Analysis by Mass Spectra</b>	Conforms to standard
<b>Loss on Drying</b>	≤ 1% (70 °C for 2 hours)
<b><sup>1</sup>H NMR</b>	Conforms to structure
<b>Purity by HPLC</b>	≥ 97%
<b>Storage</b>	Store at 0-8 °C

**For Laboratory Use Only**