

# *Chem-Impex International, Inc.*

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## *Product Specifications*

<b>Catalogue Number</b>	03149
<b>Product</b>	<b><i>N</i><sup>α</sup>-Benzoyl-L-tryptophan</b>
	Bz-L-Trp-OH
<b>CAS Number</b>	4302-66-3
<b>Molecular Formula</b>	C <sub>18</sub> H <sub>16</sub> N <sub>2</sub> O <sub>3</sub>
<b>Molecular Weight</b>	308.3

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<b>Appearance</b>	White to off-white powder
<b>Solubility</b>	Clear solution (1 g in 10 mL MeOH)
<b>Melting Point</b>	88 - 93 °C
<b>Water Content (Karl Fisher)</b>	≤ 5.0%
<b>Optical Rotation</b>	[α] <sup>20</sup> <sub>D</sub> = -68 ± 1 ° (C=1 in DMF)
<b>Infrared Spectrum</b>	Conforms to structure
<b>Analysis by Mass Spectra</b>	Conforms to standard
<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**