

# *Chem-Impex International, Inc.*

---

**Tel:** (630) 766-2112

**E-mail:** sales@chemimpex.com

**Shipping and Correspondence:**

935 Dillon Drive

Wood Dale, IL 60191

**Fax:** (630) 766-2218

**Web site:** www.chemimpex.com

**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

---

## *Product Specifications*

<b>Catalogue Number</b>	02639
<b>Product</b>	<b><i>N</i><sup>α</sup>-Acetyl-L-tryptophan ethyl ester</b>  Ac-L-Trp-OEt
<b>CAS Number</b>	2382-80-1
<b>Molecular Formula</b>	C <sub>15</sub> H <sub>18</sub> N <sub>2</sub> O <sub>3</sub>
<b>Molecular Weight</b>	274.3

---

<b>Appearance</b>	White to off-white powder
<b>Solubility</b>	Clear solution (0.1 g in 2 mL Ethanol)
<b>Melting Point</b>	106-110 °C
<b>Water Content (Karl Fisher)</b>	≤ 0.5%
<b>Optical Rotation</b>	[α] <sub>D</sub> <sup>20</sup> = +7 ± 1° (C=1 in MeOH)
<b>Infrared Spectrum</b>	Conforms to structure
<b>Analysis by Mass Spectra</b>	Conforms to standard
<b>Loss on Drying</b>	≤ 0.5% (50 °C, 2h)
<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**