

# 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

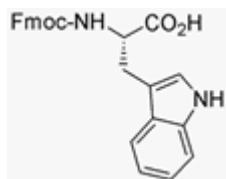
Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

---



## Product Specifications

Catalogue Number	02461
Product	<b>N<sup>α</sup>-Fmoc-L-tryptophan</b> Fmoc-L-Trp-OH
CAS Number	35737-15-6
Molecular Formula	C <sub>26</sub> H <sub>22</sub> N <sub>2</sub> O <sub>4</sub>
Molecular Weight	426.5

---

Appearance	White to off-white powder
Solubility	Clear solution (0.3 gram in 2 mL DMF)
Melting Point	180 - 190 °C
Elemental Analysis (Theory)	≤ 5% (C, H, N)
Water Content (Karl Fisher)	≤ 1%
Kaiser Test	≤ 0.05%
Optical Rotation	[α] <sub>D</sub> <sup>20</sup> = - 29 ± 2 ° (C=1 in DMF)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	≤ 1% (70 °C, 2h)
<sup>1</sup> H NMR	Conforms to structure
Chiral HPLC	≥ 99.5% (ee)
D-Enantiomer	≤ 0.5%
Purity by HPLC	≥ 99%
Purity by TLC	≥ 98%
Storage	Store at 0 - 8 °C

# *Product Specifications*

Catalog Number: 02461

---

**For Laboratory Use Only**