

# *Chem-Impex International, Inc.*

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## *Product Specifications*

**Catalogue Number** 06582  
**Product** **Z-Trp-Trp-OH**

**CAS Number** 57850-17-6

**Molecular Formula** C<sub>30</sub>H<sub>28</sub>N<sub>4</sub>O<sub>5</sub>

**Molecular Weight** 524.58

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**Appearance** White to off-white powder

**Solubility** Clear solution (0.3 g in 2 mL DMF)

**Melting Point** 200-206 °C

**Water Content (Karl Fisher)** ≤ 2%

**Optical Rotation** [α]<sub>D</sub><sup>20</sup> = -13 ± 2° (C=1 in DMF)

**Infrared Spectrum** Conforms to structure

**Analysis by Mass Spectra** Conforms to standard

**<sup>1</sup>H NMR** Conforms to structure

**Purity by HPLC** ≥ 98%

**Storage** Store at 0-8 °C

**For Laboratory Use Only**