

# 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

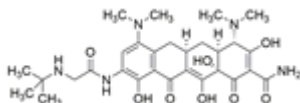
**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

---

## Product Specifications



<b>Catalogue Number</b>	29737
<b>Product</b>	<b>Tigecycline</b>
<b>CAS Number</b>	220620-09-7
<b>Molecular Formula</b>	C <sub>29</sub> H <sub>39</sub> N <sub>5</sub> O <sub>8</sub> xH <sub>2</sub> O
<b>Molecular Weight</b>	585.65

---

<b>Appearance</b>	Yellow or orange crystalline powder
<b>Solubility</b>	Soluble in water, Dichloromethane and slightly soluble in MeOH
<b>Water Content (Karl Fisher)</b>	≤ 3%
<b>Infrared Spectrum</b>	Conforms to structure
<b>Residual Solvents</b>	Methanol: ≤ 0.3% Dichloromethane: ≤ 0.06%
<b>Related Substances</b>	Max Single Impurity: ≤ 0.5% Total Impurities: ≤ 2.0%
<b>Purity by HPLC</b>	≥ 98.5%
<b>Storage</b>	Store at 0 - 8 °C
<b>Additional Information</b>	Epimer: ≤ 0.5%

**For Laboratory Use Only**