

# Specification

## Technical Data Sheet

<b>Product Name</b>	Tigecycline
<b>Product No</b>	76933119
<b>CAS Number</b>	220620-09-7
<b>Storage Temperature</b>	-15 to -20 °C
<b>Molecular Weight</b>	585.65
	<b>Specification</b>
<b>Appearance</b>	Yellow to orange crystalline powder
<b>Heavy metals</b>	≤ 20 ppm
<b>Identification</b>	Conforms to reference
<b>pH</b>	7.0 - 8.5
<b>Specific rotation</b>	-190°/-230 °
<b>Any individual unspecified impurity</b>	≤ 1.0 %

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<b>Assay (anhydrous basis)</b>	98.0 % - 102.0 %
<b>Clarity and Impurity Absorbance</b>	Clarification and absorbance at 480nm wavelength is less than 0.1
<b>Moisture</b>	≤ 3.0 %
<b>Molekula Supplier ID reference</b>	-
<b>Residue on Ignition</b>	≤ 0.1 %
<b>Tigecycline epimers</b>	≤ 1.0 %
<b>Total Impurities</b>	≤ 2.0 %

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