



Certificate of analysis

Productname: Tigecycline

Cas number: 220620-09-7

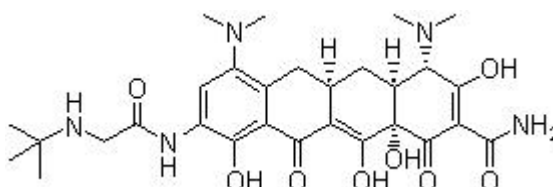
Molecular Formula: $C_{29}H_{39}N_5O_8$

Molecular Weight: 585.65

Date of production: Aug. 25, 2020

Batch NO: 20200825

Exp Date: Aug. 24, 2022



Chemical structure:

Items	Specifications	Results
Appearance	Yelllow to Orange crystalline powder	Complies
Identification	IR, HPLC, H^{-1} NMR spectrum	Complies
Purity (HPLC)	$\geq 98.0\%$	99.04%
PH	7.5~8.5	Complies
Total impurities	$\leq 2.0\%$	0.96%
Residue on ignition	$\leq 0.2\%$	0.05%
Heavy metals	$\leq 20\text{ppm}$	Complies
Loss on Drying	$\leq 2.0\%$	1.5%
Water	≤ 3.0	1.5%

Conclusion: It complies with the Enterprise Standard.

Analyst: Zhao

Checker: Liu

Q.C Director. Fang F