



Certificate of analysis

Product name: Telavancin HCL

Cas number: 560130-42-9

Molecular Formula: C₈₀H₁₀₆Cl₂N₁₁O₂₇P·HC

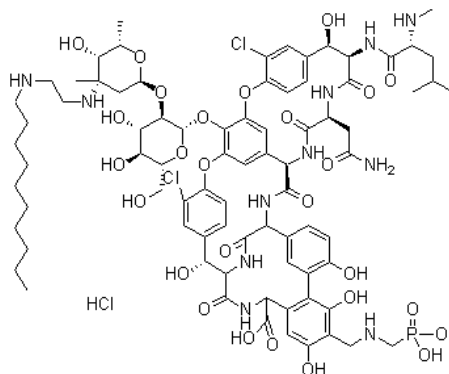
Molecular Weight: 1792.10

Date of production: Feb. 27, 2018

Batch NO: 20180227

EXP DATE: Feb. 26, 2020

Chemical structure:



Items	Specifications	Results
Description	White to off-white solid	off-white solid
Identification	IR: Spectrum of the sample corresponds to that of reference standard.	Conform
	HPLC: The retention time of major peak of test solution should correspond to that of comparison solution.	Conform
Related substances	RRT=0.87 NMT 0.15%	0.12%
	RRT=0.95 NMT 1.0%	0.13%
	RRT=1.01 NMT 1.0%	N.D
	RRT=1.06 NMT 0.30%	0.27%
	RRT=1.10 NMT 0.40%	0.22%
	RRT=1.12 NMT 1.0%	0.14%
	Individual unknown maximum impurity NMT 0.1%	0.05%
	Total impurities NMT 4.0%	0.90%
Water	NMT 8.0%	6.5%
Assay	≥96%	99.1%

Conclusion: It complies with the Enterprise Standard.

Analyst: Zhao

Checker: Liu

Q.C Director. Fang