



Certificate of analysis

Product name: Ansamitocin P-3

Cas number: 66584-72-3

Molecular Formula: C₃₂H₄₃ClN₂O₉

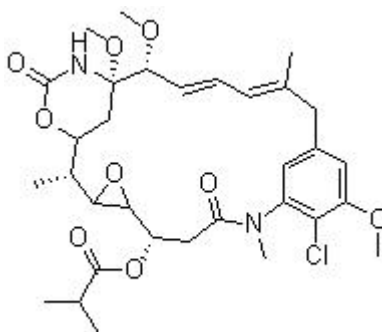
Molecular Weight: 635.14

Date of production: Mar. 06, 2020

Batch NO: 20200306

Exp Date: Mar. 05, 2022

Chemical structure:



Items	Specifications	Results
Appearance	White to off-white powder	Conforms
Identification	HPLC: The retention time of major peak of test solution should correspond to that of comparison solution. MS: The exact mass of ansamitocin P-3 is 634.27	Conforms
Related substances	ansamitocin P-3 NLT 90.0%	94.0%
	AP-0, AP-1, AP-2, AP-3, AP-3', AP-4, AP-4' NLT 97.0%	99.5%
	Other individual impurity NMT 0.5%	0.27%
	Total impurities NMT 3.0%	0.47%
Residual Solvent	Acetone NMT 0.5%	0.02%
	Ethyl aceytate NMT 0.5%	N.D
	N-hexane NMT 0.029%	N.D
	Methylbenzene NMT 0.089%	N.D
Water	NMT 3.0%	1.92%
Residue on ignition	NMT 0.1%	0.03%
Heavy metal	NMT 20 ppm	Conforms
Assay(on the anhydrous)	Ansamitocin P-3 NLT 90.0%	92.9%

Conclusion: It complies with the Enterprise Standard.

Analyst: Zhao

Checker: Liu

Q.C Director. Fang F