



Certificate of analysis

Product name: Pristinamycin

Cas number: 270076-60-3

Molecular Formula: $C_{73}H_{89}N_{11}O_{17}$

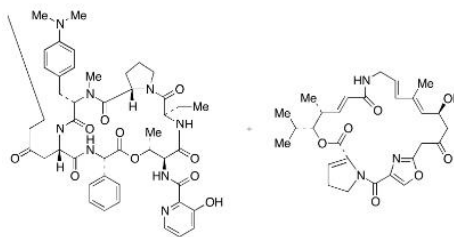
Molecular Weight: 1392.55

Date of production: Aug. 10, 2020

Batch NO: 20200810

Exp Date: Aug. 09, 2022

Chemical structure:



TEST

Items	Specifications	Results
Appearance	Light yellow powder	Complies
Identification	Conform the standard	Complies
Melting Point	150°C ~ 154°C	152 °C
Rotation Degree	-128°C ~ -134°C	131.5 °C
Heavy Metal	≤10ppm	Complies
Loss on drying	≤1.0%	0.50%
Water content(K.F.)	≤3.0%	2.2%
Total impurity	≤5.0%	1.7%
Assay	Pristinamycin Ia 28%~32%	28.2%
	Pristinamycin IIa 68%~72%	71.4%
potency	Not less than 8500IU/MG	Complies
Residual solvents	ethanol ≤5000ppm	10PPM
	Acetone ≤5000ppm	N.D

Conclusion: It complies with the Enterprise Standard.

Analyst: Zhao

Checker: Liu

Q.C Director. Fang