



Certificate of analysis

Productname: Geldanamycin

Cas number: 30562-34-6

Molecular Formula: $C_{29}H_{40}N_2O_9$

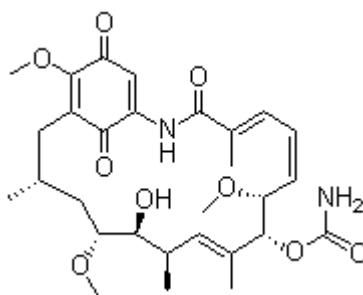
Molecular Weight: 560.64

Date of production: May. 26, 2018

Batch NO: 20180526

Exp Date: May. 25, 2020

Chemical structure:



Items	Specifications	Results
Appearance	yellow to orange powder	Conforms
Identification	A: The HPLC RT should correspond to that of reference standard.	Conforms
	B: IR And UV correspond to the related rule.	Conforms
Related substances	individual Impurity not more than 2.0%, total impurities not more than 5.0%.	Conforms
Assay	Not less than 95.0%(w/w) in HPLC method	98.9%
Water	1.6%-3.0%	1.7%
heavy metal	$\leq 20\text{mg/L}$	$\leq 20\text{mg/L}$

Conclusion: It complies with the Enterprise Standard.

Analyst: Zhao

Checker: Liu

Q.C Director. Fang F