



## Certificate of analysis

Product name: Micafungin Sodium

Cas number: 208538-73-2

Molecular Formula: C<sub>56</sub>H<sub>70</sub>N<sub>9</sub>NaO<sub>23</sub>S

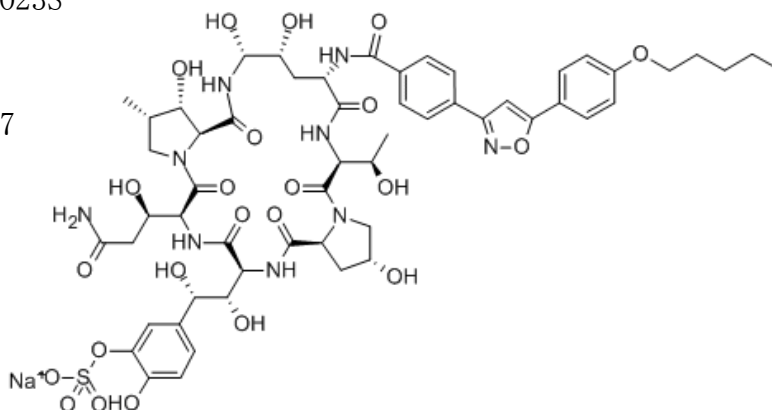
Molecular Weight: 1292.2826

Date of production: Jun. 18, 2017

Batch NO: 20170618

Exp Date: Jun. 17, 2019

Chemical structure:



Items	Specifications	Results
Appearance	White powder	Conform
Dissolubility	DMSO, Methanol	Conform
Identification	The HPLC RT should correspond to that of reference standard. IR And UV correspond to the related rule.	Conform
Related substances	Individual Impurity $\leq 1.0\%$ , total impurities $\leq 2.0\%$ .	0.25% 0.50%
Water	1.6%-3.0%	1.8%
heavy metal	$\leq 20$ ppm	Conform
Assay(anhydrous substance)	$\geq 98\%$	99.5%

**Conclusion: It complies with the Enterprise Standard.**

Analyst: Zhao

Checker: Liu

Q.C Director. Fang F