



Certificate of analysis

Product name: Echinocandin B

Cas number: 54651-05-7

Molecular Formula: C₅₂H₈₁N₇O₁₆

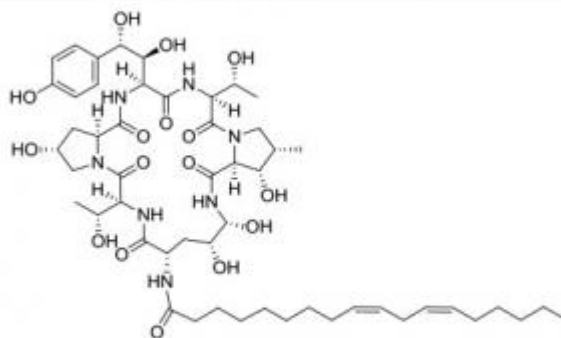
Molecular Weight: 1060.24

Date of production: Apr. 02, 2020

Batch NO: 20200402

Exp Date: Apr. 01, 2022

Chemical structure:



Items		Specifications	Results
Appearance		White or off-white crystalline, powder .odorless	Conforms
Identification	IR	IR And UV correspond to the related rule.	Conforms
	HPLC	The HPLC RT should correspond to that of reference standard.	
Related substances		Echinocandin C: ≤10% Echinocandin D ≤4% Individual Impurity not more than 2.0% total impurities not more than 3.5%	≤8.7% ≤3.9% Conforms Conforms
Water		1.6%-3.0%	1.8%
Assay		Echinocandin B Not less than 60.0%(w/w) in HPLC	71.7%
Heavy metal		≤20mg/L	Conforms

Conclusion: It complies with the Enterprise Standard.

Analyst: Zhao

Checker: Liu

Q.C Director. Fang