



Certificate of analysis

Product name: **Sitaflloxacin hydrate**

Cas number: 163253-35-8

Molecular Formula: $C_{19}H_{18}ClF_2N_3O_3 \cdot 1.5 H_2O$

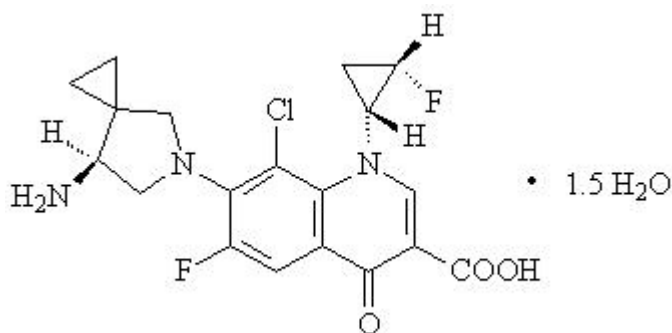
Molecular Weight: 436.84

Date of production: Feb. 13, 2020

Batch NO: 20200213

Exp Date: Feb. 12, 2022

Chemical structure:



Items	Specifications	Results
Appearance	white to yellowish powder	A yellow and white powder
Specific optical rotation	-267~-283°	-273.3°
Water	6.0~8.0%	7.31%
Any other Impurity	≤0.5%	0.08%
Total impurities	≤1.0%	0.13%
Purity by HPLC	≥99.0%	99.87%

Conclusion: It complies with the Enterprise Standard.

Analyst: Zhao

Checker: Liu

Q.C Director. Fang F