



Certificate of analysis

Product name: Oseltamivir phosphate

Cas number: 204255-11-8

Molecular Formula: $C_{16}H_{28}N_2O_4 \cdot H_3PO_4$

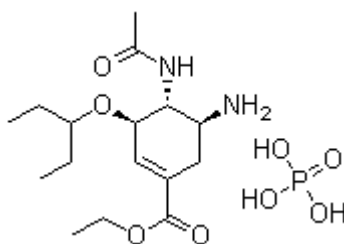
Molecular Weight: 410.40

Date of production: Jan. 12, 2020

Batch NO: 20200112

EXP DATE: Jan. 11, 2022

Chemical structure:



Items	Specifications	Test results
Description	White to off-white powder	complies
Identification	HNMR HPLC	complies
Solubility	Soluble in water and methanol	complies
Water	≤2.0%	0.8%
Loss on Drying	≤0.5%	0.3%
Heavy metals	≤20 ppm	complies
Other individual impurity	≤0.5%	0.3%
Total impurities	≤1.0%	0.5%
Specific rotation	-27.0° ~-35.0°	-32.0°
Limit of ethanol	≤0.3%	0.2%
Limit of toluene	≤0.089%	N.D
Assay(on anhydrous basis)	98.0%~102.0%	99.5%

Conclusion: It complies with the Enterprise Standard.

Analyst: Zhao

Checker: Liu

Q.C Director: Fang