



# Certificate of analysis

Product name: Trelagliptin succinate

Cas number: 1029877-94-8

Molecular Formula: C<sub>18</sub>H<sub>20</sub>FN<sub>5</sub>O<sub>2</sub>·C<sub>4</sub>H<sub>6</sub>O<sub>4</sub>

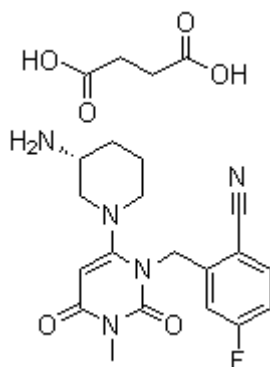
Molecular Weight: 475.47

Date of production: Aug. 27, 2018

Batch NO: 20180827

Exp Date: Aug. 26, 2020

Chemical structure:



Items	Specifications	Results
Description	White to almost white crystalline powder	Conform
Identification	NMR HPLC	Conform
Water	≤0.3%	0.06%
Loss of drying	≤0.3%	0.10%
Heavy metals	≤10ppm	Conform
Related compounds	Total Impurities ≤1.0%	0.15%
PSD	D90 ≤60μ m	Conform
Solvent residue	Ethanol ≤0.5%	0.08%
	Methanol ≤0.3%	0.002%
Purity( HPLC )	≥99%	99.85%

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

Analyst: Zhao

Checker: Liu

Q.C Director: Fang