



Certificate of analysis

Productname: **Asenapine Maleate**

Cas number: 85650-56-2

Molecular Formula: $C_{17}H_{16}ClNO \cdot C_4H_4O_4$

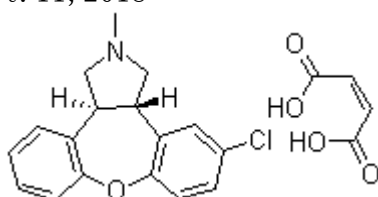
Molecular Weight: 401.84

Date of production: Oct. 11, 2018

Batch NO: 20181011

Exp Date: Oct. 10, 2020

Chemical structure:



Items	Specifications	Results
Characteristic	Off-white to slight yellow powder	Off-white powde
Identification	HPLC NMR	Conforms
Solubility	Soluble in ethanol methanol and isopropanol	Conforms
Loss on drying	≤1.0%	0.30%
Residue on ignition	≤0.2% i	0.10%
Heavy metals	≤20ppm	Conform
Total impurities	≤1.0%	0.4%
Single impurity	≤0.5%	0.24%
Purity	≥99.0%	99.6%

Conclusion: It complies with the Enterprise Standard.

Analyst: Zhao

Checker: Liu

Q.C Director: Fang F