



# Certificate of analysis

Product name: Silodosin

Cas number: 160970-54-7

Molecular Formula: C<sub>25</sub>H<sub>32</sub>F<sub>3</sub>N<sub>3</sub>O<sub>4</sub>

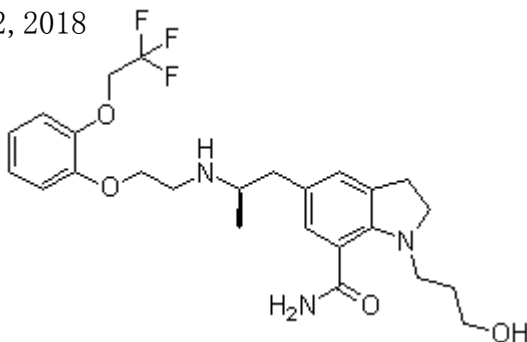
Molecular Weight: 495.53

Date of production: Mar. 12, 2018

Batch NO: 20180312

Exp Date: Mar. 11, 2020

Chemical structure:



Items	Specifications	Results
<b>Appearance</b>	White to off-white crystalline powder	Conforms
<b>Identification</b>	UV/HPLC	Conforms
<b>Specific Rotation (1% solution in methanol)</b>	-12.0° ~ -17.0°	-15.18°
<b>Heavy metals</b>	≤20ppm	Conforms
<b>Residue on ignition</b>	≤0.2%	0.05%
<b>Optical isomer</b>	≤0.5%	N.D
<b>Loss on Drying</b>	≤1.0%	0.09%
<b>Related impurity</b>	Single impurity ≤0.5% Total impurity ≤2.0%	0.2% 0.5%
<b>Assay(HPLC)</b>	≥98.0%	99.5%

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

Analyst: Zhao

Checker: Liu

Q.C Director: Fang F