



# Certificate of analysis

Productname: Trifluridine

Cas number: 70-00-8

Molecular Formula: C<sub>10</sub>H<sub>11</sub>F<sub>3</sub>N<sub>2</sub>O<sub>5</sub>

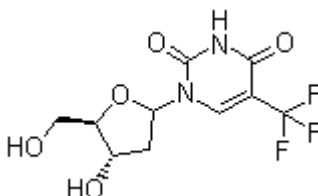
Molecular Weight: 296.20

Date of production: Nov. 20, 2015

Batch NO: 20151120

Exp Date: Nov. 19, 2017

Chemical structure:



Items	Specifications	Results
<b>Appearance</b>	White crystalline powder	Conforms
<b>Identification</b>	HPLC, NMR	Conforms
<b>Loss on Drying</b>	≤1.0%	0.43%
<b>Melting Point</b>	186 °C~189 °C	186 °C~188 °C
<b>Specific Rotation</b>	+47° ~+51°	+49.5°
<b>Largest impurity</b>	≤0.3%	0.11%
Total Impurities	≤1.0%	0.21
<b>Assay(HPLC)</b>	≥990%	99.79

**Conclusion: It complies with the USP32 standard**

**Analyst: Zhao**

**Checker: Liu**

**Q.C Director. Fang F**