



Certificate of analysis

Product name: **Sorafenib Tosylate**

Cas number: 475207-59-1

Molecular Formula: $C_{21}H_{16}ClF_3N_4O_3 \cdot C_7H_8SO_3$

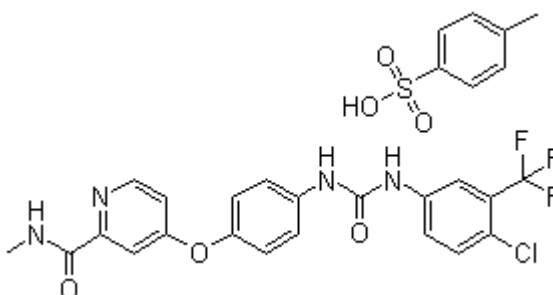
Molecular Weight: 637.03

Date of production: Aug. 04, 2018

Batch NO: 20180804

Exp Date: Aug. 03, 20120

Chemical structure:



Items	Specifications	Results
Appearance	White or yellow powder	Conforms
Identification	IH-NMR HPLC	Conforms
Melting point	225~228°C	Conforms
Loss on Drying	≤1.0%	0.15%
Residue on ignition	≤0.5%	0.02%
Chromatographic purity		
Single impurity	≤0.5%	0.05%
Total impurity	≤1.0%	0.11%
Assay (anhydrous)	≥99.0%	99.89%

Conclusion: It complies with the Enterprise Standard.

Analyst: Zhao

Checker: Liu

Q.C Director. Fang F