



# Certificate of analysis

Product name: AST-1306 TsOH

Cas number: 1050500-29-2

Molecular Formula: C<sub>31</sub>H<sub>26</sub>ClFN<sub>4</sub>O<sub>5</sub>S

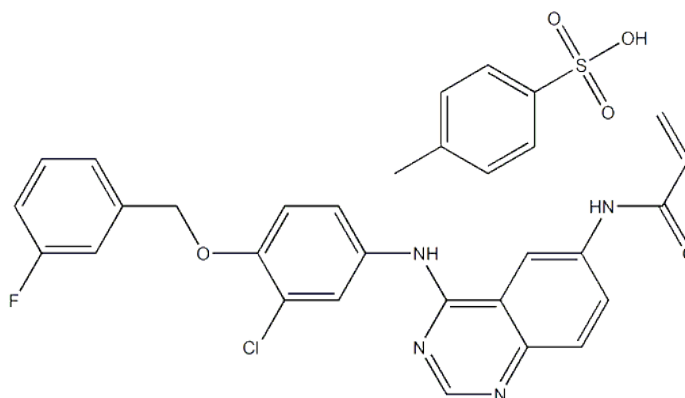
Molecular Weight: 621.07

Date of production: Feb. 18, 2019

Batch NO: 20190218

EXP DATE: Feb. 17, 2021

Chemical structure:



Items	Specifications	Results
Appearance	Light yellow to yellow powder	Conforms
Identification	NMR,HPLC	Conforms
Assay (HPLC)	≥98%	99.2%

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

Analyst: Zhao

Checker: Liu

Q.C Director: Fang