



Certificate of analysis

Product name: Lumacaftor(VX809)

Cas number: 936727-05-8

Molecular Formula: C₂₄H₁₈F₂N₂O₅

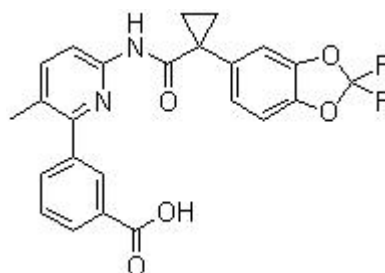
Molecular Weight: 452.41

Date of production: Oct. 06, 2019

Batch NO: 20191006

EXP DATE: Oct. 05, 2021

Chemical structure:



Items	Specifications	Test results
Description	white powder	complies
Identification	HNMR HPLC	complies
Related Substances by HPLC	single largest impurity $\leq 0.5\%$	0.28%
	Total impurities $\leq 1.0\%$	0.50%
Moisture Content	$\leq 0.5\%$	0.2%
Purity(HPLC)	$\geq 99.0\%$	99.5%

Conclusion: It complies with the Enterprise Standard.

Analyst: Zhao

Checker: Liu

Q.C Director: Fang